

# **CORPORATE FINANCE SUPPORTING SYSTEM**

**PROJECT WORK DONE AT** P-1026  
**CYNERGY TECHNOLOGY SOLUTIONS PVT LTD**  
**CHENNAI**

## **PROJECT REPORT**



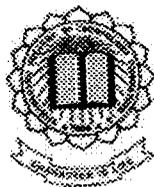
**SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE AWARD OF THE DEGREE OF  
MASTER OF COMPUTER APPLICATIONS  
OF BHARATHIAR UNIVERSITY, COIMBATORE**

**SUBMITTED BY**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
KUMARAGURU COLLEGE OF TECHNOLOGY**

**Coimbatore – 641006**

**April 2003**

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**CERTIFICATE**

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**KUMARAGURU COLLEGE OF TECHNOLOGY**

(Affiliated to Bharathiar University)  
Department of Computer Science and Engineering



Coimbatore – 641006

**CERTIFICATE**

This is to certify that the project work entitled

**“CORPORATE FINANCE SUPPORTING SYSTEM”**

Done By

Somasundaram.K.  
Reg. No. : 0038M1067

Submitted in partial fulfillment of the requirements for the award of the degree of  
Master of Computer Applications of Bharathiar University.

*S. Shajagan*  
Professor and HOD

*Smyshar*  
09/04/03  
Internal Guide

Submitted to University Examination held on

16.04.2003

Internal Examiner

*S. A.*  
17/04/03  
External Examiner



# Cynergy Technology Solutions Pvt Ltd.

507, Apex Chambers, 20, Sir Thyagaraya Road, T. Nagar, Chennai 600 017. Phone: 24314736

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Somasundaram. K**, Final Year M.C.A student of Kumaraguru College of Technology, Coimbatore., has done the project entitled “**Corporate Finance Supporting System Module**” in our organization for a period of 4 months starting from Dec-2002 to 28<sup>th</sup> March-2003.

The candidate was seen to be very keen and studious during the project Period. His conduct was very good.

We wish him all success throughout his career.

For Cynergy Technology Solutions,

  
(E.KALAISELVAN)  
SOFTWARE ENGINEER

CYNERGY TECHNOLOGY SOLUTIONS (P) LTD.  
507, APEX CHAMBERS,  
20, THEYAGARAYA ROAD,  
CHENNAI-600 017

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**DECLARATION**

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## DECLARATION

I here by declare that the project entitled "CORPORATE FINANCE SUPPORTING SYSTEM" submitted to Bharathiar University as the project work of Master of Computer Applications Degree, is a record of original work done by me under the supervision and guidance of Mr.E.Kalaiselvan M.C.A., Software Engineer, Cynergy Technology Solutions Pvt Ltd, Chennai and Mr.S.Mohanavel B.E., M.B.A., D.C.P.A., Senior Lecturer, Department of Computer Science and Engineering, Kumaraguru College of Technology. This project work has not found the basis for the award of any Degree/Diploma/Associateship Fellowship or similar title to any candidate of any University.

**Name of Candidate**

**Register Number**

**Signature**

**K.SOMASUNDARAM**

**0038M1067**

*K. Somasundaram*

**Place: COIMBATORE**

**Date: 09.04.2003**

*Dedicated To  
My  
Beloved Well - Wishers*

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**SYNOPSIS**

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## SYNOPSIS

The project entitled "Corporate Finance Supporting System" has been done for M/s. Syndicated Research Group U.S.A., by Cynergy Technology Solutions, Chennai.

The Client provides two services and each service has been divided into modules. A specific service is allocated as project schedule for actual work; it is Corporate Finance Supporting Systems (CFSS). CFSS provides support for Corporate Finance Strategy. They are interrelated with two levels at different stages.

- Administrator - Level
- Deliverables - Level (E-solutions)

**Administrator level-** to maintain the users such as addition, deletion, correction and then to add, delete, edit deliverables (e-solutions) in the system.

**Deliverables (or) E-Solutions Level-** Syndicate Research Group designs programs for executives, who need the best available thinking on their most critical business issues and quick, individualized responses to problems as they arise. To produce the research, analysts develop a **Weekly Fax** of analysis and ideas on late breaking items and pre-determined research topic for all clients. Analysts create those ideas further into two-pages of **Research Notes**, five of which are sent to clients on monthly basis. Research analysts also capture the proceedings from **Trend Teleconference** held with clients on pre-determined topics. In addition, the client delivers the **Executive Briefings** held thought-out the cities in United States. To deliver individualized advice, **Inquiry Services** enable clients to get timely direction on their most compelling issues by making a phone call, or sending a fax or e-mail message to Client Research Group. The above mentioned tasks have to be uploaded into the system, which gives response based on enquires by the users.

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## INTRODUCTION

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## 1. INTRODUCTION

### 1.1. ABOUT THE ORGANIZATION:

While the economy powered by the Internet is shrinking the world, we at Cynergy Technology Solutions Pvt Ltd are committed to expand yours. The economy has drastically changed the way businesses look, think and act and most traditional businesses are struggling to make sense of it. However, to the trained eye, what looks like chaos reveals hidden patterns of success in a digital economy. At Cynergy Technology Solutions Pvt Ltd., we've got it all figured out for you right down to the smallest detail. Driven by expertise cutting edge technology and an irrepressible urge for perfection - we offer you all the custom-made solutions you ever needed and more....

We also offer technical know-how and consulting in highly specialized areas like:

- Strategy Solutions
- Off-shore Solutions
- TechCORE Solutions

### EVOLUTION:

The world is simply not enough for today's internet-savvy consumers and businesses. The Internet has made dramatic differences to the socio-political and economic fabric of the world. Propelled by increased choices, globalization and consumer power - modern businesses have to reinvent to stay afloat and ahead. 'Innovate or terminate' spells the message loud and clear in the digital economy. The question is - are you ready to take on the digital economy and harness its power for you? At Cynergy Technology Solutions Pvt Ltd., we've always believed in thinking digitally ahead in every way. We use a dynamic mix of the best brains drawn from various industries and state-of-the-art technology to bring you an armory of the best weapons to meet the digital challenge.

## 1.2. ABOUT THE CLIENT:

Syndicated Research Group (SRG) designs programs for executives, who need the best available thinking on their most critical business issues and quick, individualized responses to problems as they arise. To produce the *syndicated research*, analysts develop a *Weekly Fax* of analysis and ideas on late breaking items and pre-determined research topics for all clients. Analysts evolve those ideas further into two-page *Research Notes*, five of which are sent to clients on a monthly basis. SRG analysts also capture the proceedings from *Trend Teleconferences* held with clients on pre-determined topics. Through these written deliverables, SRG analysts create the context that enables clients to stay on top of shared concerns. In addition, SRG delivers to its clients *Executive Briefings* held throughout cities in the United States. To deliver *individualized advice*, SRG's *Inquiry Services* enable clients to get timely direction on their most compelling issues by making a phone call, or sending a fax or e-mail message to SRG.

Corporate executives never have complete information to make decisions. The best they can do is to harness the thinking of people trained to apply useful insights to solve immediate problems. SRG services for business leaders are staffed by analysts who perform continuous research on the most critical issues faced by clients. The best way for SRG analysts to be current on these issues is to consult continually with these same decision-makers who face critical issues everyday, not to run surveys or perform lengthy studies that executives don't have the time to read or digest.

Every corporate function plays out against the backdrop of both external factors that exist for all enterprises and the unique conditions that apply to a particular firm at a given point in time. The Syndicated Research Group serves executives who want to pick up the phone and talk to an expert who can provide the best thinking on their thorniest problems without having to plough through ponderous research. SRG clients get explicit advice on what to do next. Programs

## Corporate Finance Supporting System

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now being developed by SRG focus on Human Resources organizations, Financial Operations, Operations and Logistics, and Sales and Marketing.

SRG is staffed by senior analysts from diverse backgrounds who share the notion that timely, relevant and useful advice is more helpful than the abstract or theoretical study of interesting topics. All SRG analysts have relevant experience in the fields that they cover and exemplary academic backgrounds.

### 1.3. ABOUT THE SYSTEM:

The system is being developed under the circumstances of client requirement who called as Syndicated Research Group (SRG). The main object of the system is to provide the solutions for the business problem through Online-database regarding the financial department of the organization.

The main advantages of the system

- Business oriented service provider
- Mainly provides adhoc case solutions
- User friendly
- On line Case library for guidance
- On-Line research database
- Provides solutions in different format
- Fast response to ensure and apply method to carry out in real sense

The methodology that used to evaluate the solutions is as follows.

- Identify the domain in which the solution to be provided to user who is with in the application. Domain is of whether human resource strategy or corporate financial strategy.
- Place the solution or written-ups correspondingly relating with analysis section.
- If the requirement is not present in the existing online database, then proceed with recommendation to them.
- Setup with new updated online-database.

**SYSTEM REQUIREMENT**

## 2. SYSTEM REQUIREMENTS

### 2.1 Problem Statement:

The statement of problem is defining the task carried out in the organization where project work accordingly subject to development in the environment. This is considering as providing the solution to business problem through web application in the sort of putting every thing over online as ready solutions or E-solution to the problem faced by the business concern. The main objective is to give the solutions to the user's incense of readymade analysis issues. In this system we are subject to define the problems and provide solutions only in financial section as deliverables in one sub module and the statement of maintaining the users and messaging them through administrator sub module.

Deliverables or E-solutions sub module is stated mainly to define the system as supporting to provide online database in different format. The source is from the client whose requirement is to have an application over business perspective that too over web oriented. Administrator sub module is stated to define the types of user getting into the system.

Problem statement addresses the need for the solution provider product as a web tool. In this world-wide customers are considered as a valuable and the real assert for any product which developed. The longer the customer stays with a product, shows the product supporting nature in t he market. So from the above statements you realize how worthy a customer is. Thus increasing the relationship with a customer would help a company to keep customer intact.

In the existing manual process there is no faster and efficient interaction with the customer to the system. They have to depend only on feedback; enquiry and requirement specification form some site enquiries to carry out the following

- E-Solution.
- Easy access.
- Customer ideas are revealed.
- Product feedbacks.

## 2.2. Functions To Be Provided:

Now we can go for the functions that provided by the system. The main function is to specify the user under what category he is of and then access privileges provided to him. The time of accessibility might be changes accordingly the type of users for the system. This is of matter that accessing the online database as deliverables on the required format as to their way as .html files, .pdf files, .ppt files.

Functions provided as task:

➤ User types:

This ensures the type of user entering in to the system.

➤ Service provided

The functional point covers in this section to provide the solutions to areas at which the use are meant to access.

➤ Written Deliverables

Different type of formats on which the database is delivered to the users as on-line solution.

## 2.3. Processing Environment: Hardware/Software:

Particularly this specification works at very advanced path of technology solution. At the most and best of the level the technology is used to create the product as a successful web application.

### 2.3.1. Hardware

Recommended Hardware requirement

1. Processor – Pentium III
2. Speed – 866MHZ
3. Main Memory – 128 MB RAM
4. Cache – 512 KB
5. Monitor – 14 “/ Color
6. Keyboard – 104 keys / Standard
7. Mouse – Three button scroll mouse
8. Modem – 64 KBPS

### **2.3.2. Software**

Recommended Software requirement

1. Operating System – Windows 98 or any higher version
2. Browser – Internet Explorer 5.0
3. Internet Connection package.

### **2.4. User Characteristics:**

The product is developed as web-oriented and so the user is of world wide. The product is being developed to ensure the needs as whole users who ever getting enters to the system. In speaking about the user characteristics, they might be most of large scale or small scales industry owners or they might be of holding a very big concern and seeking for the solution provided by the system as instants. In users point of view he should be of holding the problem to his extend and his requirement is being fulfilled in fraction of seconds by simply in front in the computer screen.

Key issues to note the user characteristics:

- Login-session:
- User types:
- Functions provided:
- Acceptances provided:

### **2.5. Solution Strategy:**

The objective of the product is to provide solutions to the business problem as occurs or happens in the concern. Programs are for the executives who need the best available thinking on their most critical business issues and quick, individualized responses to problems as they arise. Current SRG Services include the Human Capital Strategies (HCS) advisory service for Senior Human Resource Executives and the Corporate Finance Strategies (CFS) advisory service for Senior Finance Executives. The part under the consideration is very much strict to financial executives

## **2.6. Product Features: Prototype/Modest/Enhanced Versions:**

Product was developed as web-oriented application to latest clients need. Since it is a unique product over the internet and it has its abundant knowledge in the field of business related events to enroll with the faults and critical situation that happens in the organization. Now the system is developed as two different parts. They are two are entirely different from on another as departments. The major parts in each and every organization are closely combined with all the man power under human resource strategy and the economy is under financial section. E-solution is the key issue. The problems identified may get the solutions

## **2.7. Acceptance Criteria:**

Accordingly with some methodology the user requirement is taken as account and the solution is provided in greater sense. The methodology include mainly with four important steps. These things follow to takes the user requirements in a proper way and that is the accept part to the whole analysis of the user with the whole page. Now the need is perfectly identifies with the acceptance criteria as methodology.

The methodology used is as follows.

- Identify the domain in which the solution to be provided to user who is with in the application. Domain is of whether human resource strategy or corporate financial strategy.
- Place the solution or written-ups correspondingly relating with analysis section.
- If the requirement is not present in the existing online database, then proceed with recommendation to them.
- Setup with new updated online-database.

## **2.8. Source Of Information:**

The source of information is from our client Syndicated Research Group (SRG) who is from abroad. Here I very much interested in telling about our client who is from United States America., Chicago. Now the client provides the source of information for developing the application as unique product over the internet. They were sending up the data source as raw and their requirement is to develop the database in SQL-Server and to maintain the formats. The database is of write-ups that are as deliverables to user of the system which we created in our development section. The database formats are mentioned along with the key factor and identification for different formats. They were using to deliver the solutions to the user as .pdf, .txt, .ppt, .html under each type of deliverables.

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**PROJECT PLAN**

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### 3. PROJECT PLAN

#### 3.1. Life-Cycle Model: Terminology/Milestones/Work Products:

The product which developed with many tools is subject to have an enormous application towards its usage. Structure looks an overview approach in respect with providing solutions with in two different areas. As to the point of simply placing the format will not made more efficient. This makes its work easier but it will not be a customer satisfied one; this gets its advantageous manner only after a planned and proposed system by mention of online-database.

E-solution is key role played to fulfill the customer who ever get connected with the web-site. The work is of everything online with instant messages and supporting environment to browser and finding the solutions for the respected problem that occurred for him in the business area. E-mail service is done to ensure about the registration even for the user whoever visiting the web-site as a guest. It is of more user-friendly that seeking the approach as greater as its level best. The separations of the various users in the system is done with time span for the access of the written ups. Than they are confirmed and the allocation is deviated only after payment is done by customer to Syndicated Research Group. How the E- Solutions is maintained in the server-side application by Syndicated Research Group (SRG – our client) along with administrator of the whole system.

The terminology used is as follows.

- Identify the domain in which the solution to be provided to user who is with in the application. Domain is of whether human resource strategy or corporate financial strategy.
- Place the solution or written-ups correspondingly relating with analysis section.
- If the requirement is not present in the existing online database, then proceed with recommendation to them.
- Setup with new updated online-database.

### **3.2 Programming Languages and Development Tools:**

#### **Description of software and packages used – reasons**

The software used to develop the proposed system is as follows:

**Active Server Pages**-Internet tool used for web publications.

**Hypertext Markup Language**-Internet tool used for web designing.

**Java Script/VB Script**-Scripting languages used to run client side events.

**Internet Information Server**-Web server to satisfy client side requests.

**MS SQL**-Database used to store Values.

#### **Need for Active Server Pages (ASP):**

All the functionalities that mentioned under this should be defined in ASP pages. The pages, which manipulates with the database are said to be an Active Server Page. The “.asp” extension makes the server to recognize that the page contains the scripting language. The scripting language gets executed on the server (IIS) and communicates with the database. It retrieves the data from the database and converts it into a dynamic HTML code. Then combines the dynamic HTML code with the static HTML code and displays it in the browser.

#### **Reasons for selecting Active Server Pages:**

The ASP is a technology for building dynamic and interactive web applications. The primacy difference between ASP and the other ne3w generation technologies mentioned is that ASP must be executed on the web server, while the pages generated by other technologies are interpreted by the browser (or client). And the advantages that ASP, which makes us to choose for our project, is that,

- **Simplicity and Speed:** It is very simple and speeds over the CGI and Perl.
- **Browser Independence:** the ASP portion of a page runs on the server and sends only results to the client independent of the browser that is used by the clients.
- **Active Server Objects:** There are five Active Server Objects, each of which deals with a specific aspect of interactivity and are intended to simplify browser and page control.

1. Response Object:

Send text, data and cookies to the browser and control each stage of transmitting the page.

Methods: write, redirect, end, flush, and cookies

Properties: buffer, cookies.

2. Server Objects:

Create COM objects, some conversion facilities and overall scripting control.

Methods: createobject, mppath, URLEwncode, HTMLencode

Properties: script timeout.

3. Request Object:

Read submitted from data and cookies.

Methods: query string, from, cookies

4. Application Object:

Allow you to manipulate global data in your script that will be visible to all users browsing the site or your script code.

Methods: lock, unlock.

Free COM objects that simplify serving pages to the browser:

- |                      |                    |
|----------------------|--------------------|
| 1. Ad Rotator        | Command Objects    |
| 2. connection Object | File System Object |
| 3. Content Linker    | Record set Object  |
- Network Traffic Control: minimize network traffic by limiting the need for the browser and server to talk to each other.
  - Quicker Loading Time: ASP speeds-up the loading time because only the page of HTML is downloaded in the client's system.
  - Language Support: allows you to run programs in languages that aren't supported by the user's browser.
  - Data Security: ASP is able to provide the client with data that does not reside on the client's machine.

### **Reasons for selecting Hyper Text Markup Language:**

Hyper Text Markup Language (HTML) is a collation of platform Independent styles (indicated by markup tags) that define the various components of a World Wide Web (WWW) document. HTML was invented by Tim Berners-Lee while at CERN, the European Laboratory for Particle Physics in Geneva. HTML documents are plain-text files that can be created using any text editor.

An element is a fundamental component of the structure of a text document. Some examples are heads, tables, paragraphs and lists. To denote the various elements in a HTML document you should use tags. Some elements may include an attribute, which is additional information that is included inside the start tag. HTML is not case sensitive. Not all tags are supported by the World Wide Web browsers. If a browser does not support a tag, it will simply ignore it.

For passing the value from client side to server side we use HTML forms tag. The form can contain interface elements such as text fields, buttons, check box, radio buttons, and selection lists that let users enter text and

make choices. Each interface element in the form must be defined with an appropriate tag. As well as user input elements, the form can contain other elements such as heading, paragraphs, tables and so on.

When the form is displayed in a web browser, the user can fill it out by making choices and entering text using interface elements, and then submit the form by clicking a "submit" button.

Forms uses two types of methods one is "post" and another is "get". We pass the value into ASP using action method. The input values are taken in to the sp file for processing at the client side. Some times JavaScript is also used in the HTML file for more efficiency.

Eg.

```
<form method="post" action="response.asp">
```

```
Enter name : <input type="text" name="name">
```

```
Enter password : <input type="password" name="pass">
```

```
<input type="submit" value="login">
```

```
</form>
```

The above example pass the value of name and password for the response.asp file and the user inputs are processed at the server side using ASP.

### **Reasons for selecting VBScript**

VBScript is designed as a subset of the full Visual Basic programming system the guiding principles of VBScript are:

Provide the Basic developer with a path to Web development on the client and server.

1. Bring an easy-to-use and understand scripting language to the Web.
2. Expand the Visual Basic family of languages to platform not covered by Visual Basic or Visual Basic for Applications. Most readers will think of using VBScripting three primary kinds of applications: Internet Explorer, Internet Information Serer, and Windows Scripting Host.

#### Advantages

1. Easy to understand and master. VBScript's biggest asset is that it's Basic, a language designed to be learned quickly. Visual Basic has brought Basic users some of the advantages of more complex languages, while not losing sight of the fact that the language should be easy to understand.
2. Flexible. VBScript can be used in a wide variety of applications, and Microsoft is committed to ensuring that wherever script is part of an application, VBScript will be included.

#### Language features:

1. **Error handling:** VBScript has a subset of the error handling provided by Visual Basic. This includes the error object and on error resume next. Error handling is very important when developing server-side code, since most of the functionality will require access to external COM objects, which could throw errors.
2. **Formatting:** VBScript has the ability to format dates, numbers, and currency built into the language.
3. **Easier COM integration:** Many COM objects return information in the form of a collection. VBScript has built-in support for iterating through collections.
4. **Standard Event-binding Syntax:** Visual Basic developers will immediately recognize the object event (sub button1\_onclick) naming convention for event handlers.

VBScript works in exactly the same way, so in any application that supports event binding (such as Internet Explorer, Outlook, and Windows Scripting Host), you can use this syntax for your event hook-up code. This also means that you can cut and paste existing Visual Basic code into VBScript (assuming you are using features that are in VBScript).

### **Reasons for selecting JavaScript**

JavaScript is an easy to use object-scripting language designed for creating live online applications that link together objects and resources on both client and server. JavaScript is designed for use by HTML page authors and enterprise application developers to dynamically script the behavior of objects running on either a client or server. Netscape develops JavaScript and Microsoft develops Jscript. With javacript we can easily create interactive web pages.

Java script is

- Designed to create net-centric application
- Complementary to and integrate with java
- Complementary to and integrate with HTML
- Open and cross platform.

### **Reasons for selecting INTERNET INFORMATION SERVER (IIS)**

The Microsoft IIS software is included with the Windows NT 4.0. we are using the Microsoft's Internet Information Server (IIS) because for the reason to publish the web applications into Intranet. IIS combines Web, FTP and Gopher services and we are managed by a single application, the Internet Service Manager.

The Microsoft internet information server(IIS) is a secure, high-speed information publishing system that runs on windows NT server. IIS is highly extensible through the use of asp.

### Features of Internet Information Server(IIS)

#### HTTP 1.1 SUPPORT

Hypertext transfer protocol (HTTP)1.1 is an updated www protocol featuring improved transfer speed, tighter logon security, and adds virtual hosting abilities.

#### HOST HEADERS

Host headers allow multiple host names to be associated with a single IP address. This feature means that IP address is not required for every virtual server. The only disadvantage to this method is that not all browsers provide header support.

The most popular browsers including Netscape Navigator 2.0 and later and Microsoft Internet Explorer 4.0 and later all support this protocol enhancement, making it an increasingly attractive solution for internet service providers.

#### JAVASCRIPT

IIS fully supports Java and JavaScript on the client and server side. Microsoft jscript is an open implementation of Netscape JavaScript. Jscript is a high performance a scripting language designed to create active online content for the world wide web(WWW). Jscript allows developers to link and automate a wide variety of objects in web pages, including Active X controls and ASP programs.

### Secure socket layers support

Secure sockets layer is a security protocol that operates in between TCP/IP connections and the HTTP service. Although not yet an industry standard, it can be implemented between Microsoft Internet Explorer Web clients and IIS. It provides the following features.

- Data encryption to protect transmissions.
- Server authentication to provide secure logons.
- Message integrity to ensure that messages have not been tampered.

A handshake procedure over between the client and server at the start of a session in which the client and server agree on the level of security they will use to authenticate the connection. After authentication a normal HTTP communication session takes place, except that all data streams between the client and server are encrypted, including the following.

The URL requested by the client.

- Information entered on forms by the user, such credit card numbers.
- Access information like usernames and passwords.
- All the data sent to the client by the server.

### Transaction server

Microsoft Transaction Server provides the application infrastructure including transactions; cross-platforms integration and scalability required building reliable distributed business systems easily. Transactions server enables developers to focus on business solutions instead of application infrastructure, lowering the cost and complexity of building and supporting server applications.

### World Wide Web (WWW)

Hyper Text Transfer Protocol(HTTP) is client/server protocol used by world wide web. This means that the client and server interact to perform a specified task. For example a user can click a hyperlink on HTML page on the user's screen. IIS supports HTTP through windows sockets.

### Reason for selecting SQL-SERVER:

Microsoft SQL Server is a relational database management and analysis system for e-commerce, line-of-business, and data warehousing solutions. SQL Server 2000, the latest version, includes support for XML and HTTP, performance and availability features to partition load and ensure uptime and advanced management and tuning functionality to automate routine tasks and lower total cost of ownership.

OLAP Distinct Counts and Performance Analysis

See cube design techniques used to solve useful business questions and a performance study of Distinct Counts using Microsoft Analysis Services 2000 and a Unisys ES7000 server.

### **3.3. Documents To Be Prepared:**

Essentials capabilities which shows the network and the methods by which the end user attain their profit are to produced as one of the key issue. This notice brings about the company profile, contacts, policy, application forwarded, services provided at different levels and the structure of what the development is going on. Links are the most advantageous aspects to put in front as a major issue because our application is one of the most world wide used web-pages. The company is the client and their profiles and contacts are the generals information should be made easier to know to the customer.





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# SOFTWARE REQUIREMENT SPECIFICATION

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## 4. SOFTWARE REQUIREMENT SPECIFICATION

### 4.1. Product Overview And Summary

The product is developed as a unique application over web oriented technology. The development section involves with two major modules that service with the two different areas. The services are two various aspects working in the system to create a successful application in the internet and are of user friendly. The main object to the page is to provide solution and give support for selected service by the valid users. This shows the efficient job that carried out to the extend application in the web site. The product that created deals only with one service

The services is as follows

#### Corporate Finance Strategy Service

CFSS – provides solutions & support for financial department.

This service is now maintained in the application. They are interrelated with some level at two different stages.

1. Administrator - Level
2. Deliverables – Level (E-solutions)

SRG offers the following **Inquiry Services, Written Deliverables, and SRG Events** over the course of a one-year subscription:

#### **Inquiry Service**

Clients have unrestricted access to SRG Research Analysts to place inquiries. SRG guarantees that clients will receive a callback to clarify the inquiry within 24 hours and a substantive answer within one week. SRG analysts will proactively call designated contacts with issues that they have identified as important.

SRG will provide each client with an annual report that tracks the number and type of inquiries made by the client.

### **Written Deliverables**

*Service Trends* - Positions developed by SRG analysts on the most critical issues facing corporate executives in a given discipline.

HCS Service Trends.

CFS Service Trends.

*Weekly Faxes* - One page write-up of analysis and opinion on late breaking issues and research topics faxed to clients every week.

HCS Weekly Faxes

CFS Weekly Faxes

*Research Notes* - Two page reports that provide analysis and recommendations on issues relating to the Service Trends. SRG will deliver up to three paper copies to three individuals designated by the client firm, and provide unlimited access to electronic deliverables.

HCS Research Notes

CFS Research Notes

*Trend Teleconference Transcripts* - SRG will deliver edited transcripts of the Trend Teleconferences to clients during the course of the annual subscription.

HCS Trend Teleconference Transcript

CFS Trend Teleconference Transcript

### **SRG Events**

*The HCS & CFS advisory services offer the following Event Deliverables:*

*Executive Briefings* – SRG will hold Executive Briefings in cities around the United States during the year. Each Briefing presents research on a different set of Service Trends and allows for interaction with the analysts.

*Trend Teleconferences* – SRG holds Trend Teleconferences two weeks after each Executive Briefing to address the same set of Service Trends.

Human Capital Strategies (HCS) events.

Corporate Finance Strategies (CFS) events.

*Analyst Visit* – SRG Analysts visit each full service client site during the year to discuss topics chosen by the client. Client pays travel expenses for the analyst who delivers the presentation.

#### **4.2. Development Environments**

Product development environment is provided by the hardware and software specification that are used to develop this product.

##### **Hardware Specification**

- a. Processor – Pentium IV
- b. Speed – 1.2 GHZ
- c. Main Memory – 128 MB RAM
- d. Cache – 512 KB
- e. Monitor – 14 “/ Color
- f. Keyboard – 104 keys / Standard
- g. Mouse – Three button scroll mouse
- h. Modem – 256 KBPS

##### **Software Specification**

- a. Programming languages – ASP, HTML, JAVA  
SCRIPT, VB SCRIPT.
- b. Web Server – IIS 5.0
- c. Data base – MS-SQL SERVER
- d. Development environment – VISUAL INTERDEV

- e. Internet connection package

### **4.3. External Interfaces And Data Flows**

#### **4.3.1. User Displays:**

All the static pages are allowed access to all users that specified in the system and the displays shown by the system tell about the working of E-solutions. The following terms are considered to be given as user displays:

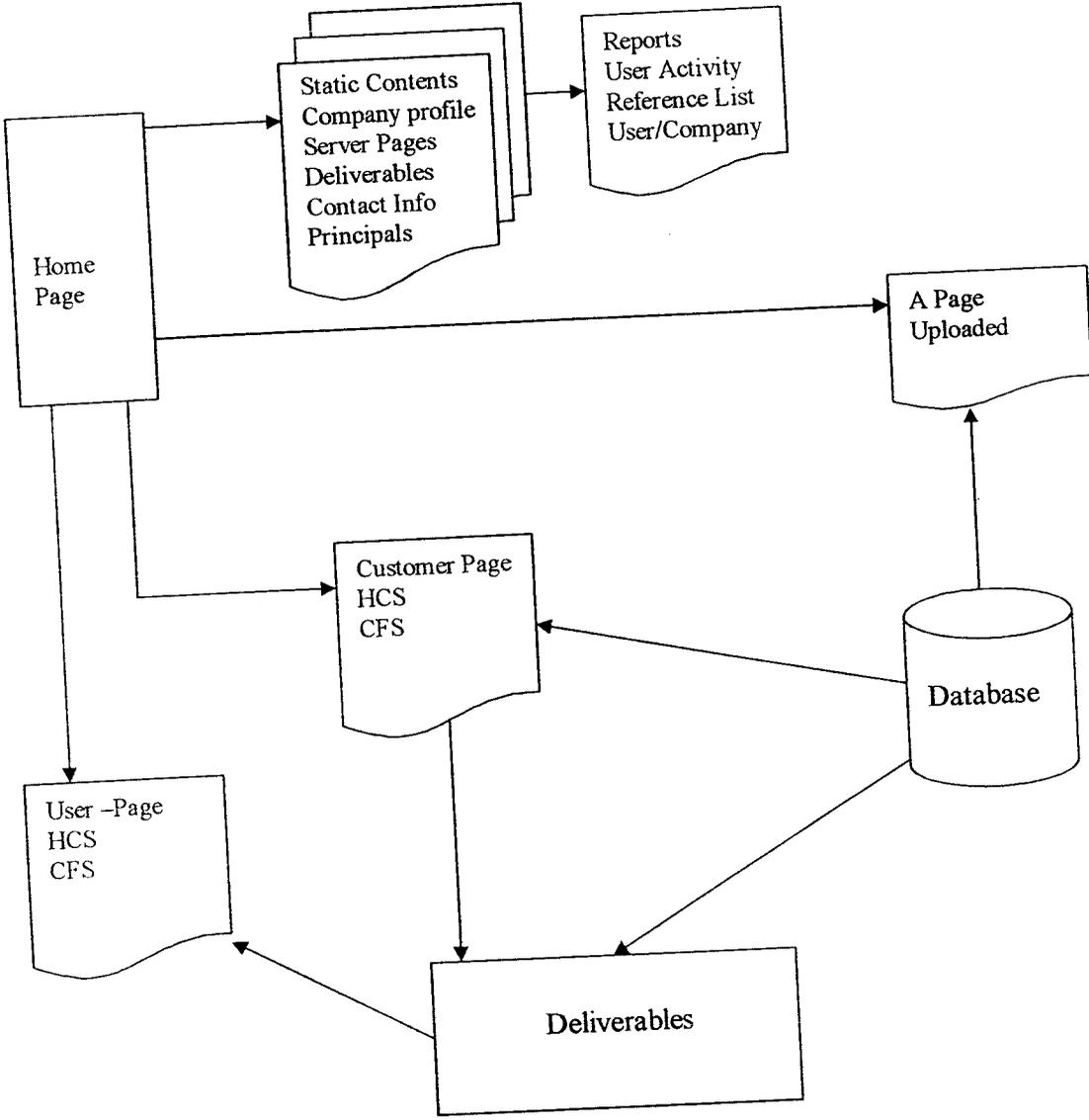
They are:

- All static pages
- Functional aspects
- E-Solutions Note.
- Documentation

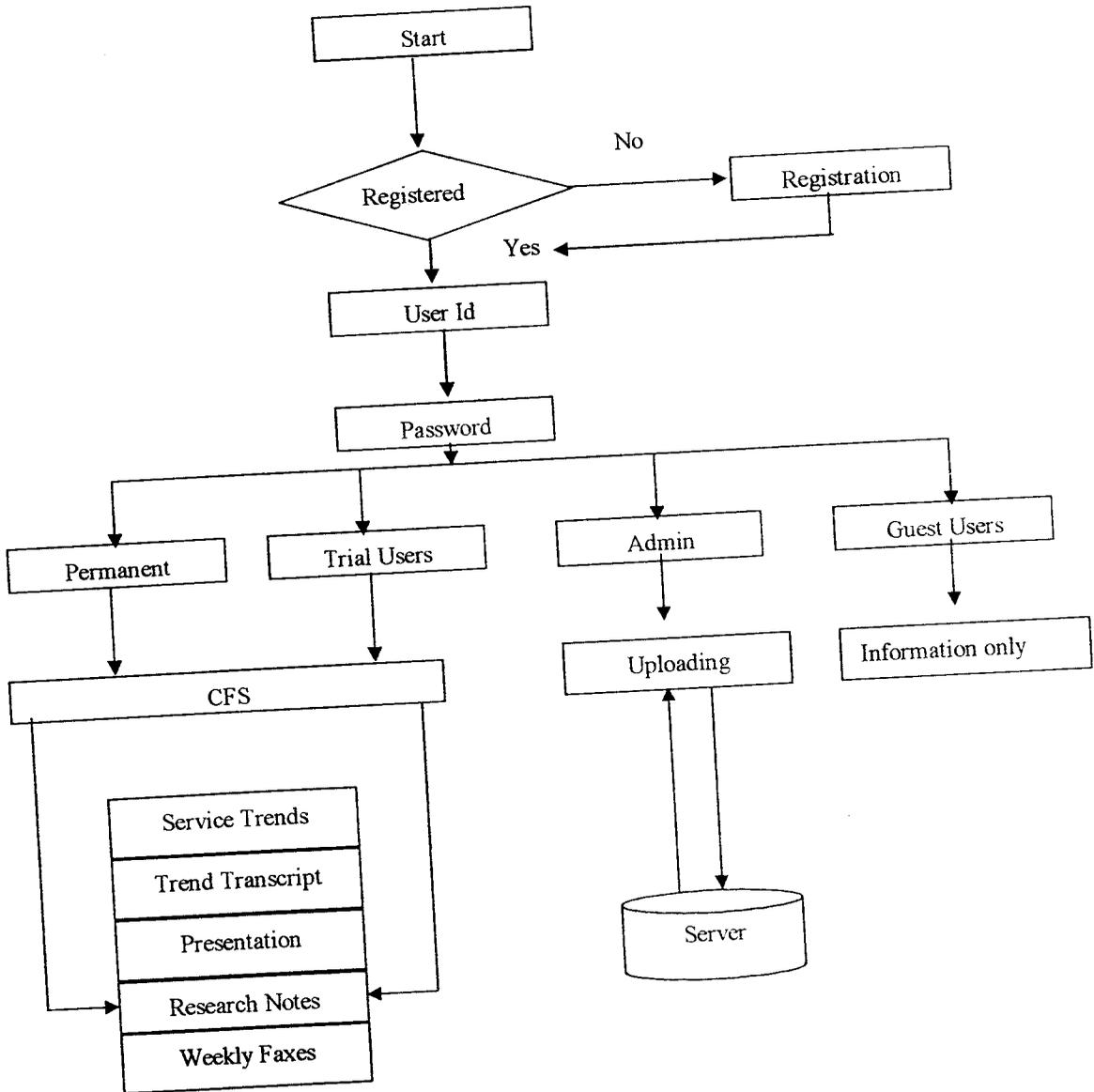
The following displays may vary according to the type of user:

- On-line Database
- E-Solutions

4.3.2. High-Level Data Flow Diagrams



### 4.3.3. Logical Data Sources And Sinks



#### 4.4. Functional Specifications

The following function specification provided the detailed user requirement for the content of the build. This build shall address the functionality of the CFS Service Module, which represents requirement numbered in the following 2000 series table (identification).

#### CFS Service Functionality : 2000

Function Specification	Requirement ID
Displaying service trends	2100-100
Displaying Weekly Faxes	2100-200
Displaying Research Notes	2100-300
Displaying Event Presentation	2100-400
Displaying Trend Transcripts	2100-500

#### Display Deliverables

##### Function Name: Displaying service Trends

Requirement: This page will allow displaying the service trends deliverables hyperlinks on a yearly basis

Output:

1. Derived from: File-presentation table
2. Display format: Yearly grouping, Listing Service trends by descending order based on its data of uploading HTML link that generated dynamically.
3. Access: Display only:

##### Function Name: Displaying weekly faxes

Requirement: This page will allow displaying weekly faxes Deliverables hyperlinks on a monthly basis. Latest Faxes should be listed at the top (Descending Order).

Output:

1. Derived from: File-presentation table

2. Display format: Month-wise grouping, Listing Faxes by descending order based on its data of uploading. Both HTML view and PDF view links should be generated dynamically.

3. Access: Display only:

**Function Name: Research Notes**

Requirement: This page will allow displaying the Research Notes deliverables hyperlinks on monthly basis. Latest Faxes should be listed at the top (Descending Order).

Output:

1. Derived from: File-presentation table

2. Display format: Month- wise grouping, Listing Service tends by descending order based on its data of uploading. Both HTML view and PDF view links should be generated dynamically.

**Function Name: Displaying Event Presentation**

Requirement: This page will allow displaying the event presentation deliverables hyperlinks on a monthly basis. Latest Faxes should be listed at the top (Descending Order).

Output:

1. Derived from: File-presentation table

2. Display format: Listing Presentation by descending order based on its data of uploading date. Both HTML view and PDF view links should be generated dynamically.

3. Access: Display only:

**Function Name: Displaying service Trends**

Requirement: This page will allow the service trends deliverables hyperlinks on a yearly basis

**Output:**

1. Derived from: File-presentation table
2. Display format: Yearly grouping, Listing Service tends by descending order based on its data of uploading HTML link that generated dynamically.
3. Access: Display only:

**Function Name: Displaying Teleconference Transcripts**

**Requirement:** This page will allow displaying the Teleconference Transcripts deliverables hyperlinks on a monthly basis

**Output:**

1. Derived from: File-presentation table
2. Display format: Listing Teleconference Transcripts by descending order based on its uploaded date. Both HTML view and PDF view links should be generated dynamically.
3. Access: Display only:

**4.5. Performance Requirements:**

The site should be screen resolution independent and avoid using incompatible colors. The parts are also paying the same without any fault manners. Auto installation and activation of site nature to user is done as soon as he given the user id and the pass word through E-mail.

**4.6. Security Requirement**

Security requirement had to be satisfied through client certificates from trusted companies.

**4.7. Implementation Priorities:**

Implementation has its gradual increment stating form simple notes. This simple view with the application starts to load very fast in the first attempt to gain the task over the internet.

#### **4.8. Foreseeable Modifications and Enhancements**

Product has many disadvantages over its functionalities and its services. So for the design made as completion of work is done only for the two departments for the whole organization. Lack of study materials such as help line is not included to support them in due course of access of particular sorts from the browser by the users. The application is overlooked in enhanced versions by including the above notes as very specific.

#### **4.9. Design Guidelines:**

The pages are designed to create an attractive look for the users. This may make feel free to browse user and to get the needs at the most efficient manner. Design of the page is very simple, instead using frames for dividing the single page, we designed in tables about fixing the format size and notes that should be presented. Then the various aspects are get cover by using cascading style sheet collection which is one of the great advantage in ASP- Pages. The page is mainly divided into three part one in center showing the main task and there is of banner at the top and content at the left side of the page.

**DESIGN DOCUMENT**

## 5. DESIGN DOCUMENT

### 5.1. External Design Specification

#### 5.1.1. User Displays:

In general:

All the static pages are subject to give to view by the user and the displays can show the system is working by providing the solution. The following terms are considered to be given as user displays:

They are:

- All static pages
- Functional aspects
- Follow-ups
- Documentation

Here we are four different types of users.

They are

- Guest User

The user can see the on-line research database only by self registration in the site

- Trial User

The user can see the research database only on payment for a period of time

- Permanent User

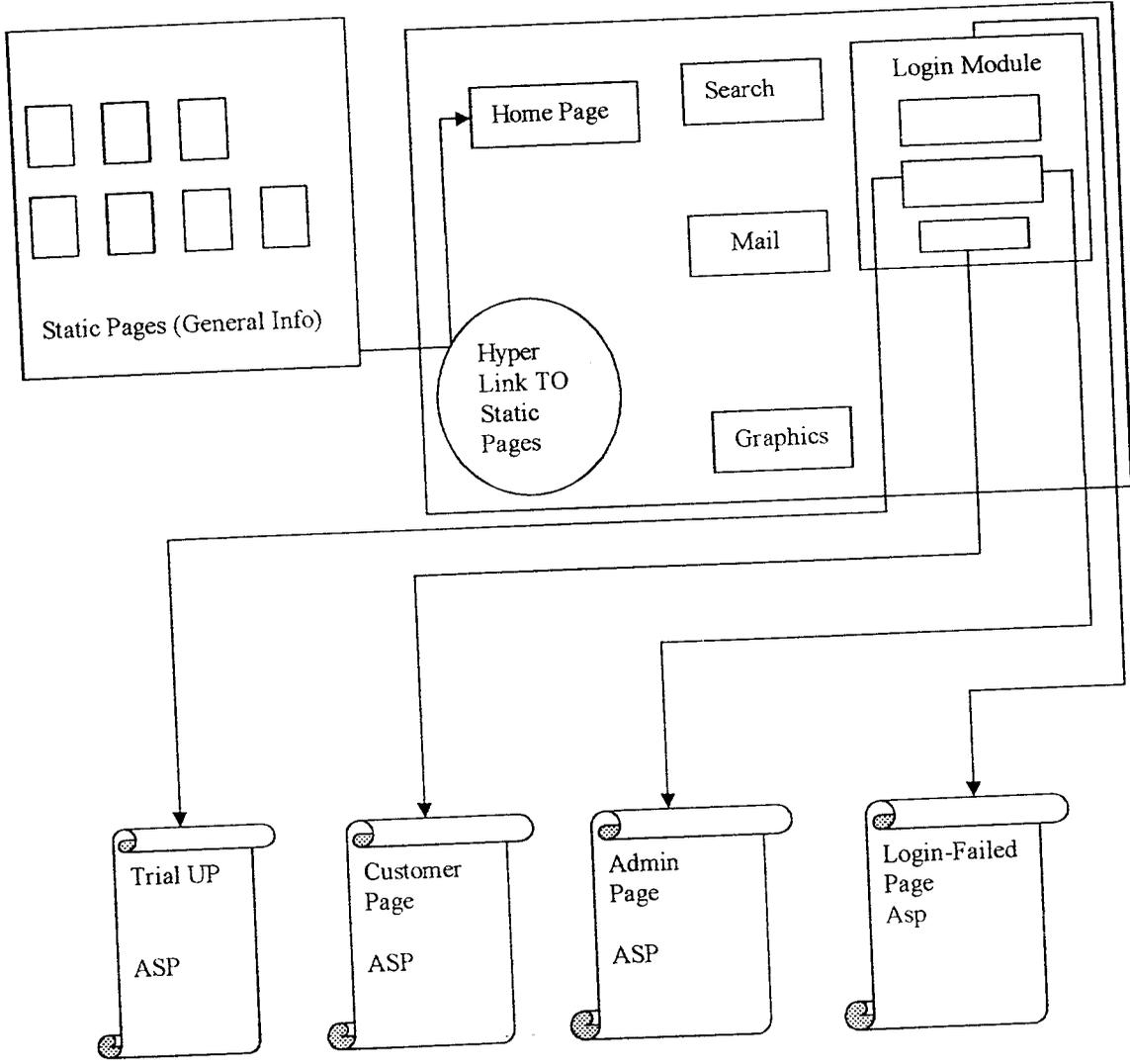
The user can see the research database like trial user but period of times various

- Administrator

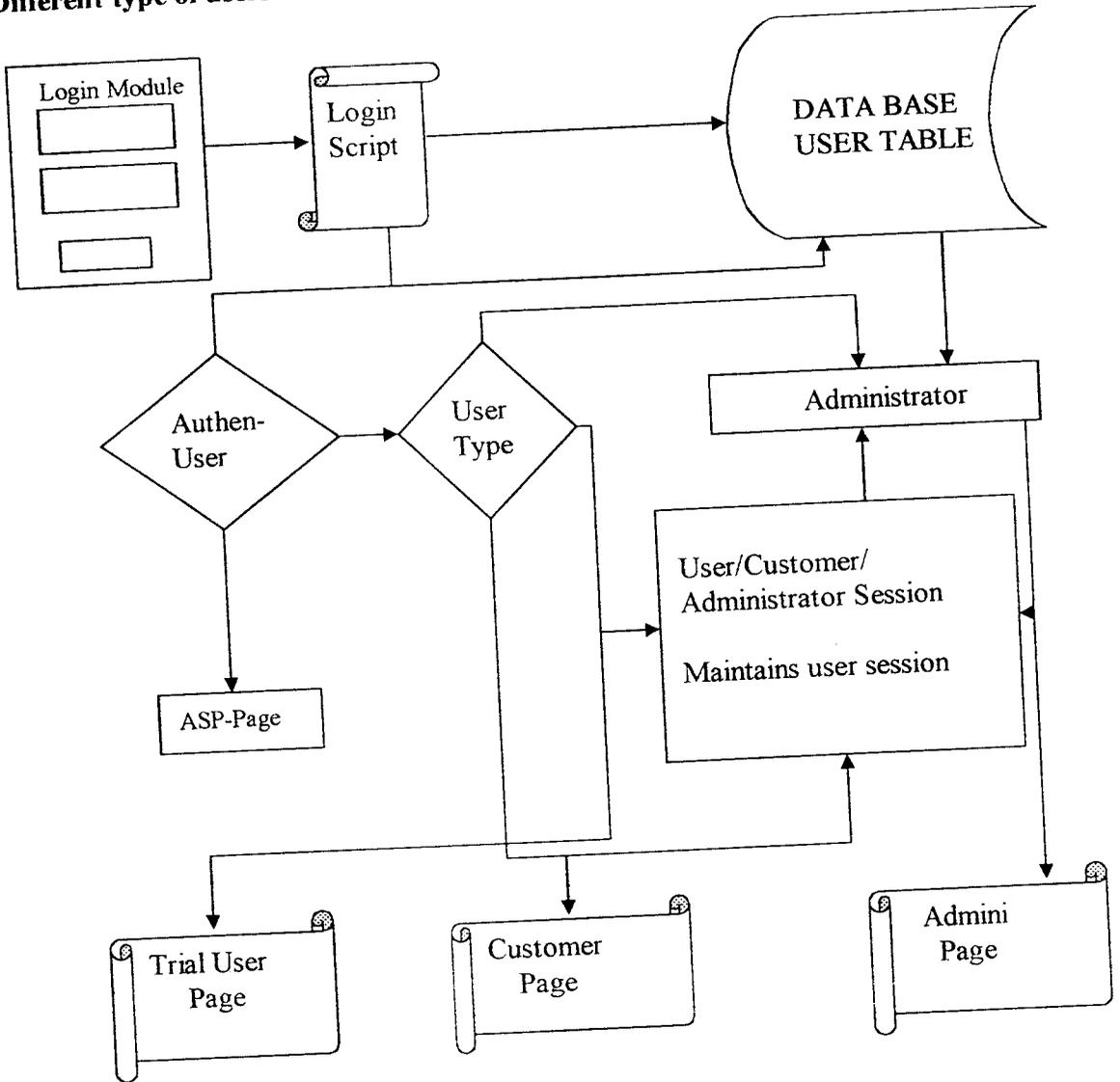
Maintains all the level of user within the site

5.2. Detailed data flow diagram:

Home Page Structure:



Different type of users involved in the system.

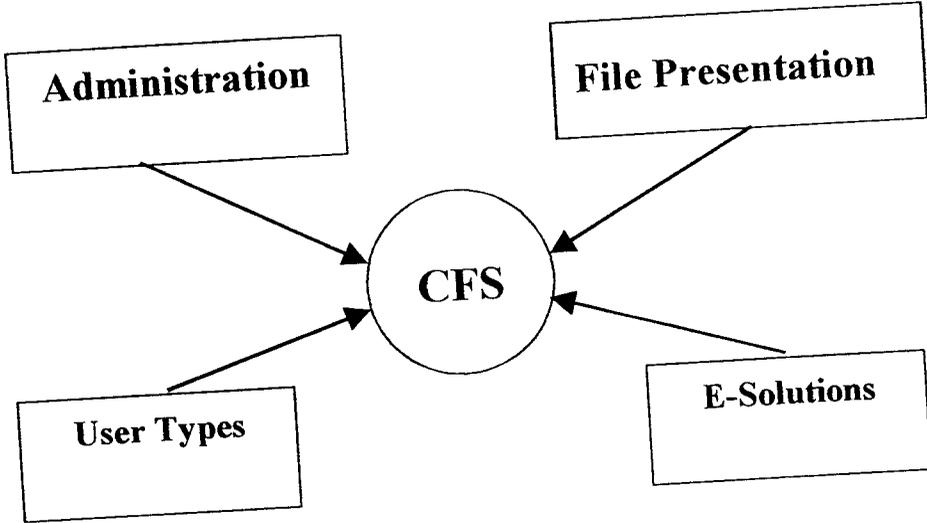


### 5.3. Logical Data Dictionary:

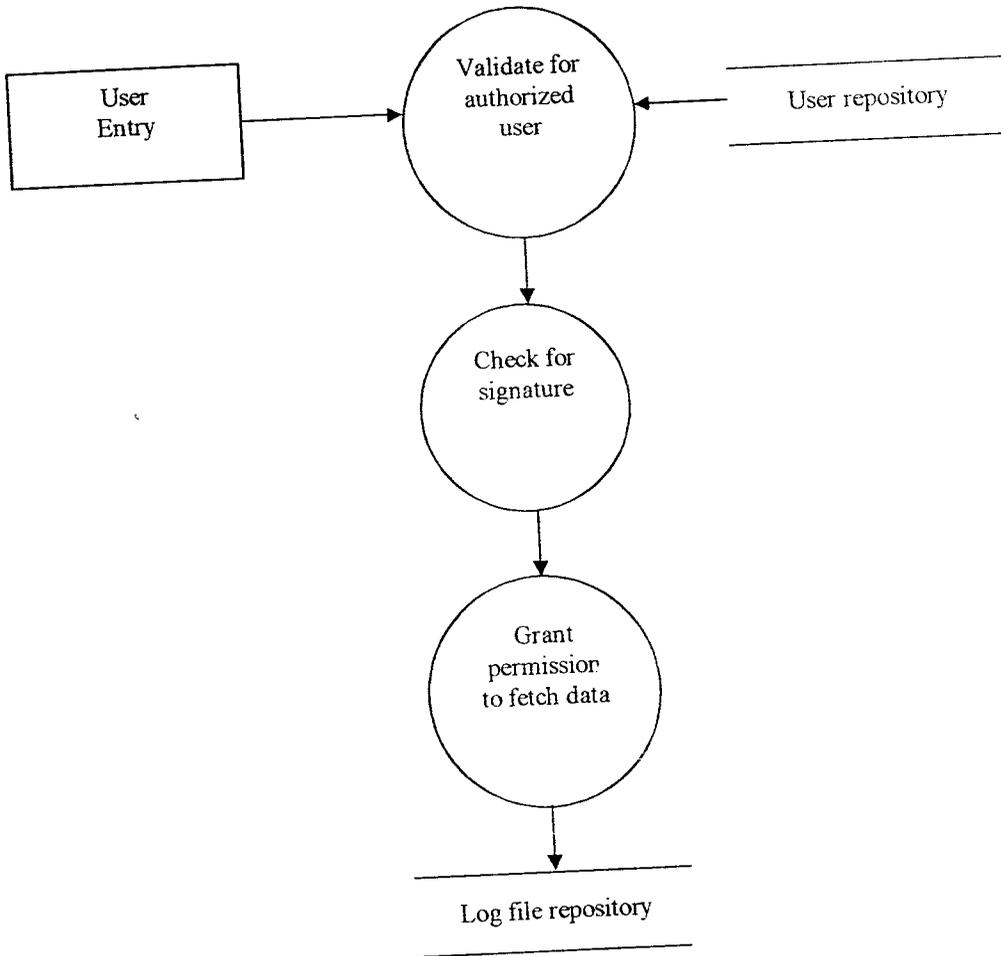
The data dictionary provided below is for the high-level data flow diagram

Item	Name	Purpose	Derived From	Sub Items
1.	Login	To get into the CRM web site	Site Authentication	User ID, Password
2.	Re-login	To given an alert message to the user when an incorrect login information is given.	Site Authentication	Nil
3.	User profile	For guest user registration	User registration	Name, Address, user ID, Password, etc.,
4.	Rights	Privilege, for a particular set of operation	Web security	Access number, Role ID

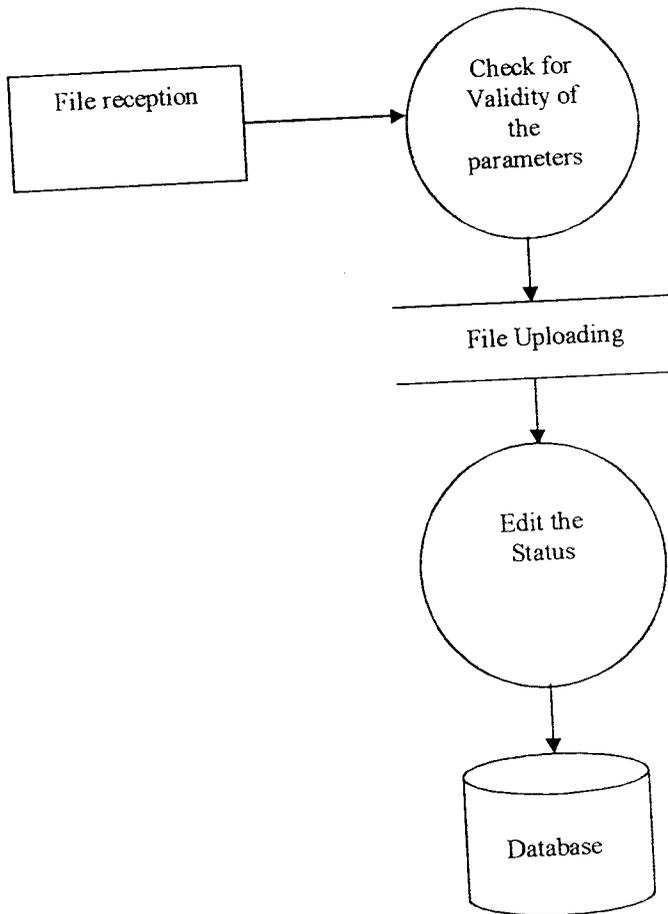
**5.4. Data Flow Diagrams:**



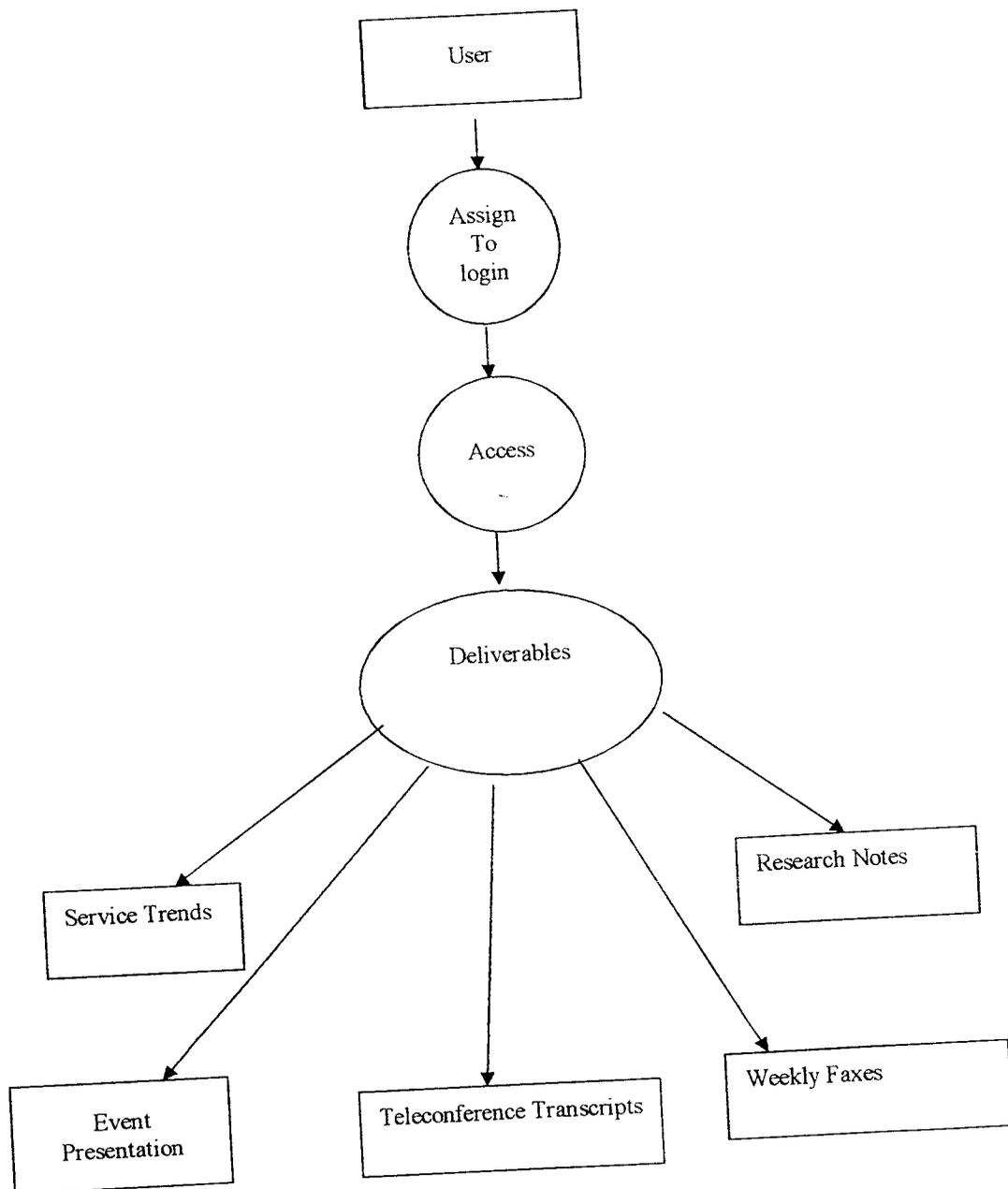
# AUTHENTICATION AND AUTHORIZATION



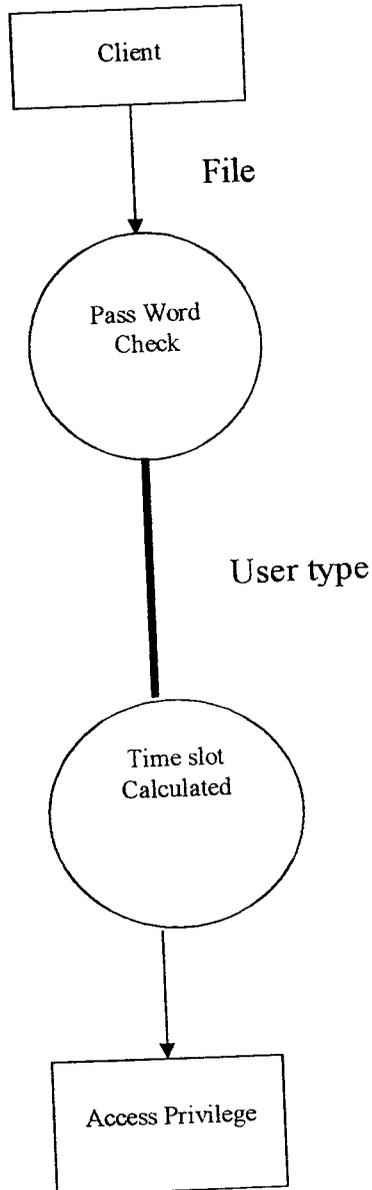
## FILE PRESENTATION PROCESSING



## E-Solutions - Deliverables



## USER TYPE



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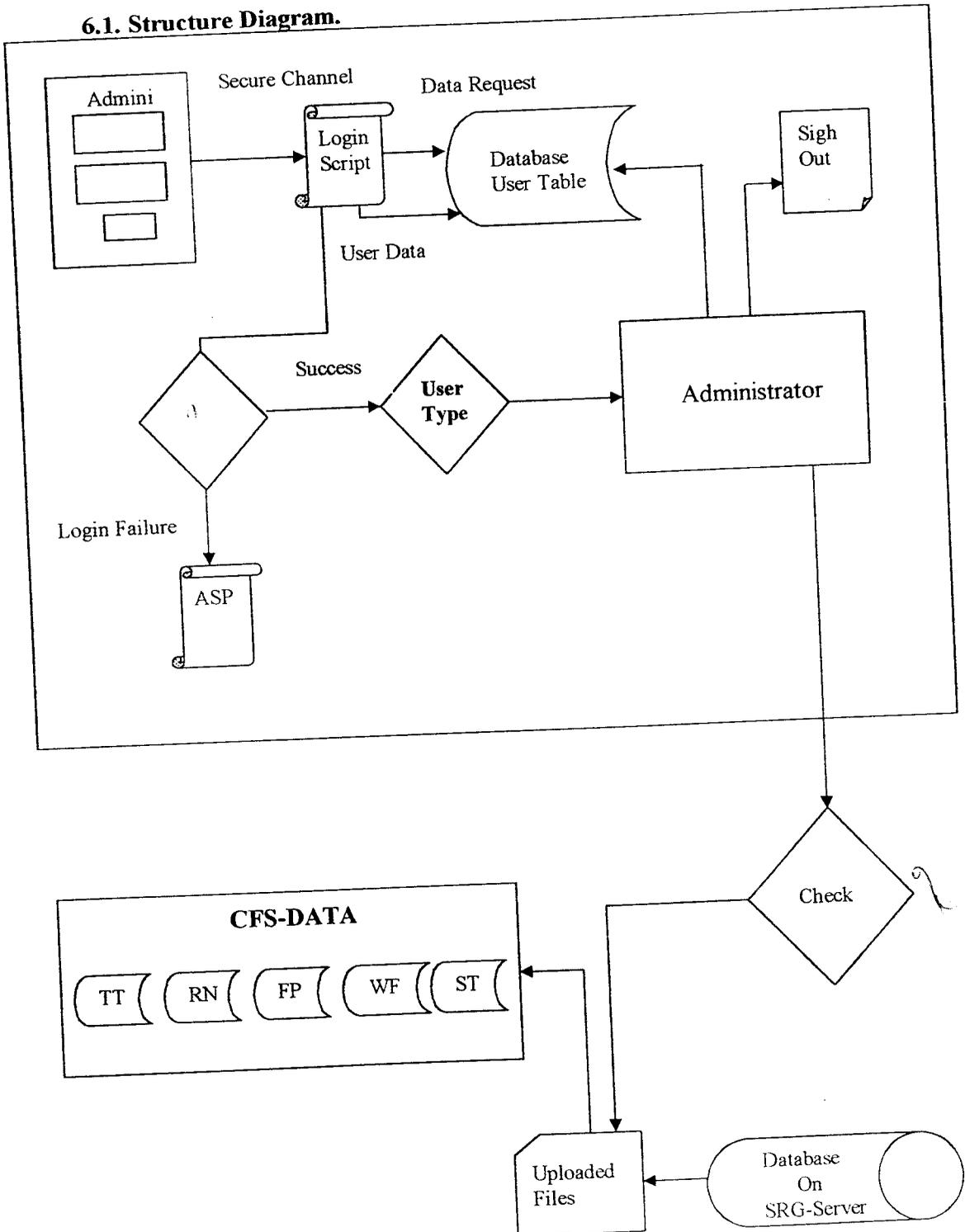
**ARCHITECTURAL DESIGN SPECIFICATION**

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## 6. ARCHITECTURAL DESIGN SPECIFICATION

### 6.1. Structure Diagram.



## 6.2 Functional Description.

The following function specification provided the detailed user requirement for the content of the build. This build shall address the functionality of the CFS Service Module, which represents requirement numbered in the following 2000 series table (identification).

### CFS Service Functionality : 2000

Function Specification	Requirement ID
Displaying service trends	2100-100
Displaying Weekly Faxes	2100-200
Displaying Research Notes	2100-300
Displaying Event Presentation	2100-400
Displaying Trend Transcripts	2100-500

### Display Deliverables

#### Function Name: Displaying service Trends

Requirement: This page will allow displaying the service trends deliverables hyperlinks on a yearly basis

Output:

1. Derived from: File-presentation table
2. Display format: Yearly grouping, Listing Service tends by descending order based on its data of uploading HTML link that generated dynamically.
3. Access: Display only:

#### Function Name: Displaying weekly faxes

**Requirement:** This page will allow displaying weekly faxes Deliverables hyperlinks on a monthly basis. Latest Faxes should be listed at the top (Descending Order).

**Output:**

1. Derived from: File-presentation table
2. Display format: Month-wise grouping, Listing Faxes by descending order based on its data of uploading. Both HTML view and PDF view links should be generated dynamically.
3. Access: Display only:

**Function Name: Research Notes**

**Requirement:** This page will allow displaying the Research Notes deliverables hyperlinks on monthly basis. Latest Faxes should be listed at the top (Descending Order).

**Output:**

1. Derived from: File-presentation table
2. Display format: Month- wise grouping, Listing Service tends by descending order based on its data of uploading. Both HTML view and PDF view links should be generated dynamically.

**Function Name: Displaying Event Presentation**

**Requirement:** This page will allow displaying the event presentation deliverables hyperlinks on a monthly basis. Latest Faxes should be listed at the top (Descending Order).

**Output:**

1. Derived from: File-presentation table
2. Display format: Listing Presentation by descending order based on its data of uploading date. Both HTML view and PDF view links should be generated dynamically.
3. Access: Display only:

**Function Name: Displaying service Trends**

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**Requirement:** This page will allow the service trends deliverables hyperlinks on a yearly basis

**Output:**

1. Derived from: File-presentation table
2. Display format: Yearly grouping, Listing Service tends by descending order based on its data of uploading HTML link that generated dynamically.
3. Access: Display only:

**Function Name: Displaying Teleconference Transcripts**

**Requirement:** This page will allow displaying the Teleconference Transcripts deliverables hyperlinks on a monthly basis

**Output:**

1. Derived from: File-presentation table
2. Display format: Listing Teleconference Transcripts by descending order based on its uploaded date. Both HTML view and PDF view links should be generated dynamically.
3. Access: Display only:

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**SYSTEM TESTING & IMPLEMENTATION**

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## **7. SYSTEM TESTING AND IMPLEMENTATION**

### **7.1 System Testing**

System testing is the critical element of software quality assurance and represents the ultimate review of specification, design and coding. System testing makes a logical assumption that if all parts of the system are correct, the goal will be successfully achieved testing includes verification of the basic logic of each program and verification that the entire system works properly. Test case design focuses on a set of techniques for the creation of test cases that meet overall testing objectives. The logical design and the physical design should be thoroughly and continually examined on paper to ensure that they will work when implemented.

#### **7.1.1 Functional Tests.**

It involves exercising that the mode with nominal input values for which the expected results are known, as well as boundary values and special values. This comes to our system at uploading database with their key issues. This test recommended checking with allocation of space in the database.

#### **7.1.2 Performance Tests**

These determine the amount of execution time spent in various parts of the unit, program throughput, and response time and device utilization by the program unit. This test is recommended in our system with tests cases as hardware required functioning without any disturbs.

#### **7.1.3 Stress Tests**

These are those tests designed to intentionally break the unit. A great deal can be learned about the strengths and limitations of a program by examining the manner in which a program unit breaks. This test is recommended in our system to break the unit to two different parts. The test case applied for this eventful

measure is giving large number of data stores to the specified space. This may leads to break the single unit to larger.

#### **7.1.4 Structural Test**

These are concerned with exercising the internal logic of a program and traversing particular execution paths. Some refer collectively to function, performance and stress testing as black box testing while structure testing is referred to as white box or glass box testing. The major activities in structural testing are deciding which paths to exercise, deriving test data to exercise those path, determining the tests coverage criterion to be used. This structural test that recommended to our system is to provide the execution flow in perfect manner. The test case applicable is checking the analysis list in the readymade database.

#### **7.2 System Implementation**

A crucial phase in the systems life cycle is the successful implementation of the new system design. Implementation is the stage of project when the theoretical design is turned into a working system. Implementation involves creating computer-compatible files, training the operating staff, and installing hardware, terminals and telecommunications network (where necessary) before the system is up and running. A critical factor in conversion is not disrupting the functioning of the organization.

In system implementation, user training is crucial for minimizing resistance to change and giving the new system a chance to prove its worth. The training aids include user manuals, help screens, data dictionary, job aids.

The following work is done as type of implementation to the system

- Implementation of a modified application to replace an existing one, using the same computer

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**CONCLUSION**

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## 8. CONCLUSION

CFSS at its most basic is the convergence of customer and developer in supporting E-solutions; it is the mappings of a solution from server to the customers in the Internet functionalities. CFSS does not change the number of customers and does not change number of solutions without the administration profile at any way. It is concluded that this system will give a ray of hope for the future as a miniature to the globalize E-Solution system.

Provision must be made for environmental changes, which may affect either the computer, or other parts of computer based systems due to the end user. Such activity is normally called maintenance. It includes both improvement of system functions and the connections of faults, which arise during the operation of a system.

Most changes arise in two ways:

- As part of the normal running system when errors are found.
- As a result of specific investigation and review of the system performance.

Though the system has been successfully working with the currently developed modules, it is planned to upgrade the system to accommodate all major aspect that came as feedback to the system.

All this is under consideration of ground ware for further development is going on. But things take time. Even if this proposed system is not able to make a great headway in to the goal, it is concluded with a ray of hope and delight that this system has set a miniature for other systems to be sparrd in **Enhanced E-Solutions** system.

**FUTURE ENHANCEMENT**

## **9. FUTURE ENHANCEMENT.**

### **9.1 NEAR TERM ENHANCEMENTS**

CFSS can be used by many individual residential customers; users could also be corporations, individuals, government agencies, and hosts of other non-individual users.

CFSS is approaching the stage where the industry want to start interoperability testing the problem occurred, and they want to test using the some measures. The interoperability test would have the same principles that current one does; that is, no charge, sharing of information between others. One method is of enabling the registry of the user through Credit Card.

### **9.2 LONG TERM ENHANCEMENTS**

Need to be a formal effort to define and establish the structure for this activity. An example of the charter for that effort would be:

- Define the advanced global CFSS-Service.
- Perform the task of certifying the different type of user through E-COM (Credit Card Facility).
- Coordinate technical standards for the operation of E-Solution service in cooperation with the other system.
- Establish guidelines and policies, which CFSS administrators operate.
- Promote public policy on how E-Solution resources should be used.

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## REFERENCES

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## 10. REFERENCES

### BOOKS

- Roger S. Pressman, “Software Engineering – A Practitioners Approach”, McGraw Hill International Editions, Fourth Edition, 1990
- Elias M. Awad, “System Analysis and Design”, Galgotia Publications, Second Edition, 1995
- Greg Buczek, MCSD, MCT “ASP Developer’s Guide”, TATA McGRAW-HILL Edition, 2000

### WEBSITES

- [www.askme.com](http://www.askme.com)
- [www.w3schools.com](http://www.w3schools.com)
- [www.ieee.org](http://www.ieee.org)

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**APPENDIX**

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## 11. APPENDIX

### 11.1. Sample Runs

#### Home Page

The screenshot shows a web browser window titled "Syndicated Research Group Online" with the address bar displaying "http://seves/somu/CTSPT03/Index1.asp". The page features a navigation menu with links for "Company Profile", "Deliverables", "Events", and "Services Page". A login section for "SRG Clients" includes fields for "User ID" and "Password", with "Login" and "Forgot Password? Click Here" buttons. The main content area is titled "Syndicated Research Group" and contains a paragraph describing the company's advisory services. Two sidebars are present: one on the left with a list of services and one on the right with detailed descriptions for "Human Capital Strategies (HCS)" and "Corporate Finance Strategies (CFS)".

**Welcome to**  
SYNDICATED RESEARCH GROUP  
Tel: 410-775-7750 Fax: 410-775-7745

[Company Profile](#) [Deliverables](#)  
[Events](#) [Services Page](#)

SRG Clients Log on Here  
User ID:  Login  
Password:  Login  
[Forgot Password? Click Here](#)  
[Forgot Password? Click Here](#)

## Syndicated Research Group

Syndicated Research Group (SRG) designs programs for executives who need the best available thinking on their most critical business issues and quick, individualized responses to problems as they arise. Current SRG Services include the Human Capital Strategies (HCS) advisory service for Senior Human Resource Executives and the Corporate Finance Strategies (CFS) advisory service for Senior Finance Executives.

Call: 410-775-7750

- Service Trends
- Weekly Faxes
- Research Notes
- Event Presentations
- Teleconferences
- Transcripts

### Human Capital Strategies (HCS)

The HCS advisory service helps top Human Resources (HR) executives understand and support goals set by CEOs, and create value for investors through the wisest use of human capital. More... [click here](#).

### Corporate Finance Strategies (CFS)

The CFS advisory service helps CFOs, Treasurers, Controllers, and Investor Relations professionals develop and explain the firm's unique Corporate Value Proposition to lenders, investors, and business partners. More... [click here](#).

Company profile

Company Profile - Microsoft Internet Explorer  
http://server/somu/CTSPTE03/Profile.asp

Welcome to  
**SYNDICATED RESEARCH GROUP**  
Tel: 410-775-7750 Fax: 410-775-7745

[Company Profile](#) [Deliverables](#)  
[Events](#) [Services Page](#)

SRG Clients Log in here  
User ID:  Login  
Password:  Login  
New User? Click here for Registration  
Forgot Password? Click Here!

## Company Profile

Syndicated Research Group (SRG) designs programs for executives, who need the best available thinking on their most critical business issues and quick, individualized responses to problems as they arise. To produce the *syndicated research*, analysts develop a **Weekly Fax** of analysis and ideas on late breaking items and pre-determined research topics for all clients. Analysts evolve those ideas further into two-page **Research Notes**, five of which are sent to clients on a monthly basis. SRG analysts also capture the proceedings from **Trend Teleconferences** held with clients on pre-determined topics. Through these written deliverables, SRG analysts create the context that enables clients to stay on top of shared concerns. In addition, SRG delivers to its clients **Executive Briefings** held throughout cities in the United States. To deliver *individualized advice*, SRG's **Inquiry Services** enable clients to get timely direction on their most compelling issues by making a phone call, or sending a fax or e-mail message to SRG.

Corporate executives never have complete information to make decisions. The best they can do is to harness the thinking of people trained to seek useful insights to solve immediate problems. SRG

Call: 410 775 7750

- Service Trends
- Weekly Faxes
- Research Notes
- Event Presentations
- Teleconference Transcripts

Local phone

Deliverables

Deliverables - Microsoft Internet Explorer

Address: <http://server/somu/CTSPTED3/Deliver.asp>

**Welcome to**

 **SYNDICATED RESEARCH GROUP**  
Tel: 410-779-7760 Fax: 410-779-7745

[Company Profile](#) [Deliverables](#)  
[Events](#) [Services Page](#)

SRG Clients Log on Here

User ID:  Login

Password:  Login

New User? [Click here for Registration](#)

[Forgot Password? Click Here](#)

**Deliverables Page**

SRG offers the following [Inquiry Services](#), [Written Deliverables](#), and [SRG Events](#) over the course of a one-year subscription:

**Inquiry Service**

Service Trends  
Weekly Expos  
Research Notes  
Event Presentations  
Teleconference  
Transcripts

Call: 410-779-7750

Clients have unrestricted access to SRG Research Analysts to place inquiries. SRG guarantees that clients will receive a callback to clarify the inquiry within 24 hours and a substantive answer within one week.

SRG analysts will proactively call designated contacts with issues that they have identified as important.

SRG will provide each client with an annual report that tracks the number and type of inquiries made by the client.

GO [Live Now!](#)

**Service Page**

Services - Microsoft Internet Explorer  
http://server/somu/CTSPT03/Services.asp

**Welcome to**  
**SYNDICATED RESEARCH GROUP**  
Tel: 410-779-7750 Fax: 410-779-7745

[Company Profile](#) [Deliverables](#)  
[Events](#) [Services Page](#)

SPSS Clients Log on Here  
User ID:  Login  
Password:  Login  
New User? [Click here for Registration](#)  
Forgot Password? [Click Here](#)

**Services Page**

[Human Capital Strategies Profile](#) [Corporate Finance Strategies Profile](#)

Call: 410-779-7750

Service Teams  
Weekly Faxes  
Research Notes  
Event Presentations  
Teleconference  
Transcripts

**HCS Service Profile**  
The Human Capital Strategies (HCS) advisory service helps top Human Resources (HR) executives understand and support goals set by CEOs, and create value for investors through the wisest use of human capital. This evolving role requires that HR executives partner with internal departments -- Operations, Sales and Marketing, and Information Technology -- to ensure that the right human capital is recruited and retained, and that the knowledge which makes the firm uniquely valuable is identified, captured, made available and shared with others.

The rapid rate of change in global businesses is challenging HR executives as much as any other

Log On

Registration - Microsoft Internet Explorer

Address: <http://server/somu/CTSPT03/Register.asp>

## Registration

This page is only for Guest Access. If you are a client and need access to online research, enter your User ID and password supplied to your organization by SRG or call SRG's Client Service at 410-779-7750.

**Guest access:** Guest can search our research database online, but have access only to select *Written Deliverables (Service Trends and Weekly Fixes Only)*. To access online research, you may register for free by clicking "Registration" and selecting the ID and Password.

Call: 410-779-7750

Service Trends  
Weekly Fixes  
Corporate Rates  
Fund Presentations  
Teleconference Transcripts

View our  
Web Pages  
Feed  
Teleconferences  
Analyst Visit  
Contact Info

\* ID:  \*( Must Be Filled)

Company:

\*Name:

\*Title:

Phone:

\*E-mail:

Registration - Microsoft Internet Explorer

Address: <http://server/somu/CTSPT03/Register.asp>

## Registration

\* ID:  \*( Must Be Filled)

Company:

\*Name:

\*Title:

Phone:

\*E-mail:

\*Service Type:

State:

\*Password:

\*Retype Password:

Teleconference Transcripts

Executives Briefings  
Feed  
Teleconferences  
Analyst Visit

Contact Info  
Staff Resources  
Job Opportunities

Copyright | Disclaimer | Web master | Web Mail

**CFS Deliverables**

Call: 410-779-7150

- Service Trends
- Weekly Faxes
- Research Notes
- Event Presentations
- Teleconferences
- Transcripts

- Executive Briefings
- Trend
- Teleconferences
- Analyst Mkt

- Contact Info
- Staff Resources
- Job Opportunities

**CFS Service Trends**

- Corporate Financial Strategies (CFS) Service Trends 2003
- Corporate Financial Strategies (CFS) Service Trends 2002

**CFS Weekly Faxes**

December, 27 2002 - Will Virtue Sell? Capitalizing on Stricter U.S. Regulation as the World Democratizes Equity Markets	PDF
December, 12 2002 - Strategic Payables Management: As Simple As Living Off the Backs Of Your Vendors? / Wooing Back Investors: Will Donaldson, Friedman & Snow Do Better Than O'Neill, Lindsay & Pitt	PDF
December, 6 2002 - Accounts Receivable: A Strategic Asset For Risk Averse Times / Value Chain Interruption Risks: New Threats Are Always Riskier	PDF

**CFS Research Notes**

- December 31, 2002

The Corporate Value Proposition: Building Creditlines in a Classical World

Shaken investors yearn for strong stories, simply held, that cover the risks in business, as well as

Local intranet

Administrator Level- Add User

New Page 1 - Microsoft Internet Explorer

http://server/somu/admin/aa/adduser2.asp

## ADD USER

**\*ID:**

**\*Name:**

**\*Title:**

**\*Service Type:**

**Company:**

**Phone:**

**State:**

**\*E-mail:**

**\*Password:**

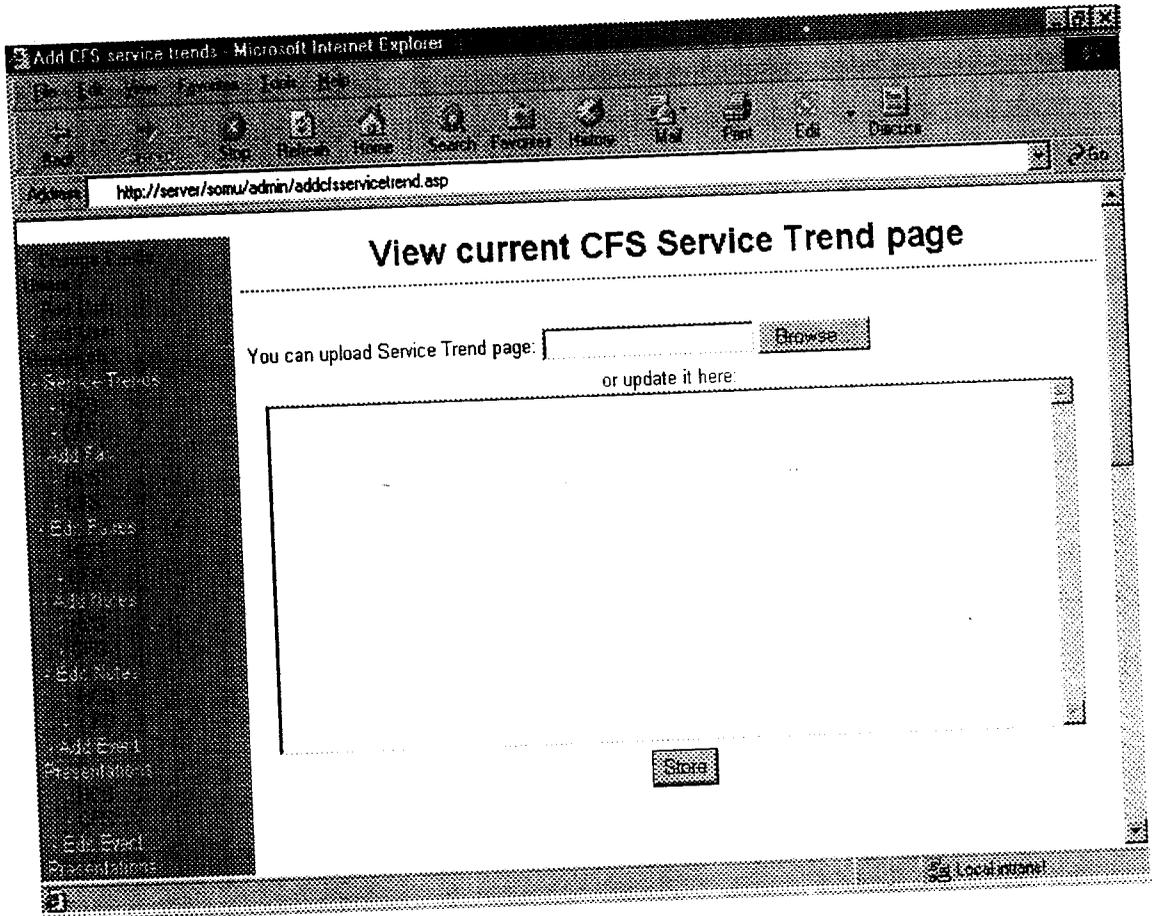
**\*Status:**

Can expire?

Days to expire  ("."=days pass)

Local intranet

**Administrator Level- View Uploaded Files (Deliverables)**





**Administrator Level- Uploaded Files**

Add CFS Trend Transcript - Microsoft Internet Explorer

Address: http://server/somu/admin/addcfspt.asp

### CFS Trend Transcript

Title(File No):

Description:

Date(mm/dd/yyyy): 3/31/03

Upload File(.htm):

Upload File(.pdf):

Please select a file before hitting the 'Submit' button.

**Contact info**

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**Fax:** 410-779-7745

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Webmaster: [webmaster@syndicatedresearch.com](mailto:webmaster@syndicatedresearch.com)  
Employment Opportunities: [hr@syndicatedresearch.com](mailto:hr@syndicatedresearch.com)

Service Trends  
Weekly Updates  
Research Notes  
Event Presentations  
Teleconference  
Transcripts

Executive Briefings  
Trend  
Teleconferences  
Analyst Visit

Contact Info

**Services-Search Page**

The screenshot shows a Microsoft Internet Explorer browser window. The address bar contains the URL: `http://server/somu/CTSPT03/searchN.asp?search=ss&status=ts&servicetype=0`. The page content is as follows:

- Welcome to SYNDICATED RESEARCH GROUP**
- Navigation links: [Company Profile](#), [Deliverables](#), [Events](#), [Services Page](#)
- Contact info: **Tel: 410-778-7750 Fax: 410-778-7745**
- Search bar:
- Client login: **SRG Clients Log on here**  
User ID:    
Password:    
New User? [Click here for Registration](#)  
[Forgot Password? Click HERE](#)
- Search Results:**  
The following Search results are sorted by Service type, Deliverable type and then relevance in each category.
- Call: 581-778-7750**
- Sidebar menu:
  - Service Trends
  - Weekly Faxes
  - Research Notes
  - Event Presentations
  - Teleconference Transcripts