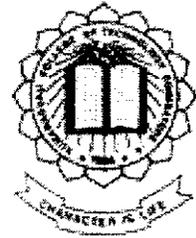


P-2733



ONLINE GARMENTS MANAGEMENT SYSTEM

By

K.Sangeetha

Register Number: 7120661044

Of

KUMARAGURU COLLEGE OF TECHNOLOGY

COIMBATORE

A PROJECT REPORT

Submitted to the



FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

In partial fulfillment of the requirements

for the award of the degree

Of

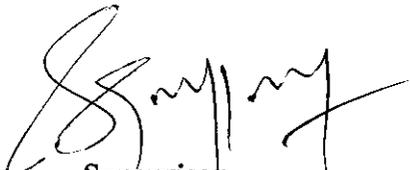
MASTER OF COMPUTER APPLICATIONS

ANNA UNIVERSITY
CHENNAI 600 025

July 2009

BONAFIDE CERTIFICATE

Certified that this project report titled “**ONLINE GARMENT MANAGEMENT SYSTEM**” is the bonafide work of “**Miss K.Sangeetha**” (Register Number: **712061044**) who carried out the research under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.



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Submitted to Project and Viva Examination held on 06.07.2009



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TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms.K.Sangeetha, Reg.No:7120661044**, pursuing **M.C.A in KUMARAGURU COLLEGE OF TECHNOLOGY** have completed his academic project **“On Line Garment Management Systems”** in our company successfully from **February 2008 to June 2009**.

Thanks and Regards,

A handwritten signature in black ink, appearing to read "V. Vengatesh".

Ms. V. Vengatesh

Project coordinator

A handwritten signature in black ink, appearing to read "Karthikeyan".

Mr. Karthikeyan
Hr Admin



ABSTRACT

The Project entitled as **“ONLINE PROCESSING OF GARMENTS MANAGEMENT SYSTEM”** plays major aspects in the textile processing system. From various parties Yarns are purchased and sized yarns are send to the weavers and weaved cloths are received and these cloths are send to the bleacher for processing and processed cloths to sales to sales department. These processes are completely deals with the automation of a textile industry.

In this project the process are made for automating and maintaining the interior part of the garment.

ACKNOWLEDGEMENT

First and foremost I thank God for his good will and blessings showered on me throughout the project. The success of this project needs cooperation and encouragement from different quarters. Words are inadequate to express my profound and deep sense of gratitude to those who helped me in bringing out this project successfully.

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It is my pleasure to express my profound gratitude to **CYBER TECH Solutions**, Chennai for admitting into this project. I am thankful to **Mr. Venget Comprehensive Business Solutions**, for his excellent guidance, timely suggestions and constant support in all my endeavors.

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1. INTRODUCTION

1.1. Company Profile

Cyber Technologies came into existence in the year 2000 focusing primarily in developing software solutions for specific customer needs.

Having won the confidence of various high profile clients as a 'Single Destination Point' to service their IT & Networking operations, Cyber Technologies expanded its scope of activities into other areas of customer demands such as Corporate Training, Placement - HR (Onshore & Offshore placements), IT & Networking solutions.

While understanding and assimilating the needs of newly emerging business and its challenges, we offer software solutions that are innovative, competitive, scalable and effective to the client. We have optimized our response to the dynamic needs of an ever-changing scenario in the fast paced IT & Networking business that demands substantial reinvention, streamlined development and strategic deployment of reliable technical and IT skills.

Cyber Technologies has been delivering IT & Networking solutions to its clients successfully for customized demands by developing a synergic effect of bringing together world-class people, processes, infrastructure and technologies.

In addition to design and development, We also provide Web application maintenance and support services, giving clients cost effective options for enhancing services levels, ensuring timely response, and rapidly deploying enhancements.

Along with its commercial rescaling business, CYBER TECHNOLOGIES also targets the commercial sector with two related areas of expertise - product support and programmed learning services for which CYBER TECHNOLOGIES provides training design, delivery and administration services aimed at improving training Cyber Technologies came into existence in the year 2000 focusing primarily

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Vision

Our vision is to deliver the best to our clients seeking IT solutions far beyond the avenues of our competitors. The vision of Cyber Technologies is - as precise as a well defined target. **The number of clients we service matters not! Servicing their needs and retaining them does!** Cyber Technologies has grown from strength to strength due to our superior strength and competence. We deliver the best, working with us is an experience of growth & business improvement.

At the end of the day when the job is done to your satisfaction it reflects on the technical expertise and professional approach of the organization and brings us the goodwill that propels us to scale new heights.

Quality Assurance

To extend beyond the known boundaries of quality and successfully refining the standards for quality assurance for futuristic requirements has been our forte since inception. We constantly supervise requirements, enhancements and development activities using onshore and offshore teams, without let-up, adding comfort and confidence to our client.

Each of our deployments are tested rigorously using the latest techniques and tools that ensure the quality output of our deliverables.

Anticipating the future requirements of the client and providing quick and timely solutions has remained a strong point of our organisation.

Being 'On Time, Every Time' matters in this business and we have attuned ourselves by working closely with the client to cater to their sensitivities and product requirements.

Cyber Technologies is a leading technology development partner, focusing on cost-effective solutions. Cyber Technologies focuses on providing quality offshore solutions and services to its client in areas such as

As our clients state their Software, IT & Networking needs, we react swiftly to their constantly changing competitive business requirements and provide dynamic Software, IT & Networking based solutions, acting with a backdrop of experience and expertise we weigh the pro's & con's while deploying dedicated resources to challenging situations and process the clients specifications towards achieving an innovative outcome of value.

1.2. Outline of Project

The Project entitled as “ONLINE PROCESSING OF GARMENTS MANAGEMENT SYSTEM” plays major aspects in the textile processing system. This process is to automate the full company in the textile industry. All the information of the company available on online, so the user and employee can get details of the company.

HOME:

This page is help to know about the full content of that website. It's just like an index page of book.

ABOUT US:

This includes entire detail or the process in the project of online garment management system.

PROCESS

- **Yarns purchased** from seller are maintained in yarn master and party details are in yarn party master. Received yarns are added in yarn stock. From yarn stock the yarn is delivered for sizing (via warp, weft). the sizing party master maintains the sizing party's details. The received sized yarns are maintained in sized yarn stock master.
- When yarns are purchased then it is ready to the process of making cloths. From the purchased yarns the cloth are made for the required category. Before the process of making it is necessary to bleach for various or required colors so, this can done in bleaching process.
- When the bleaching was done next is the process of making cloths for the requirements. The last process is sales to sell the made cloths This project deals with the computersation for “ **ONLINE GARMENTS MANAGEMENT SYSTEM,**”

2. SYSTEM CONFIGURATION

The minimum requirements for the system to run effectively are:

2.1. Hardware Requirements

- Hard disk : 80 GB
- Main memory : 512 MB ram
- Processor : Pentium iv 2.4 GHz
- FDD : 1.44 Mb
- CD-drive : 52x Samsung
- Keyboard : 105 keys
- Monitor : SVGA or VGA
- Pointing device : optical mouse

2.2. Software Requirements

- Operating system : Windows XP
- Language : ASP.Net
- Database : SQL Server 2000

2.3. About the Software

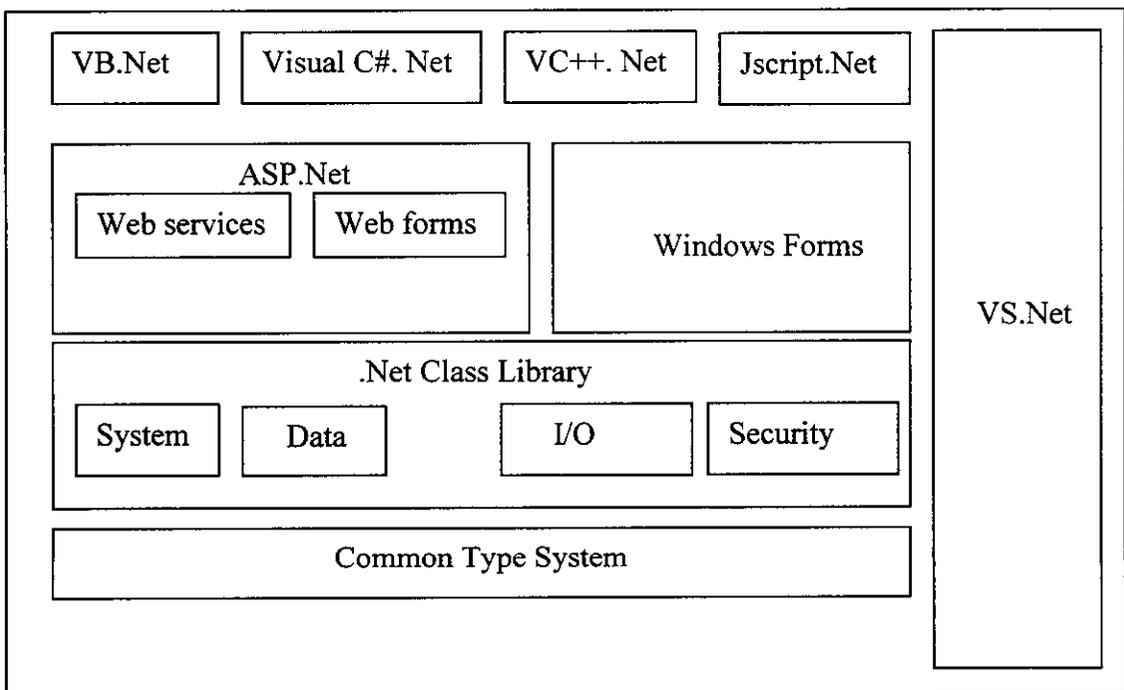
2.3.1. Microsoft .Net Framework

NET FRAMEWORK

The .Net framework is the infrastructure for the new Microsoft .Net platform. This is a common environment for building, deploying and running web services and web applications. This framework is an integral windows component that supports building and running the next generation of applications and XML web services. It contains common class libraries and supports C++, C#, Visual Basic, script and COBOL. The .Net framework is designed to fulfill the following objectives.

- To provide a consistent object oriented programming environment whether object code is stored and executed locally, locally but internet-distributed or executed remotely.
- To provide a code execution environment that minimizes software deployment and versioning conflicts and that promotes safe execution of code, including code created by an unknown or semi trusted third party.
- To provide a code-execution environment that eliminates the performance problems of scripted or interpreted environments.
- To make the developer experience consistent across widely varying types of applications such as windows based applications and web based applications.

The elements of the .Net framework can be given in the following figure



The class library, the other main component of the .Net framework is a comprehensive object oriented collection of reusable types that you can use to develop applications ranging from traditional command-line or graphical user interface applications to applications based on the latest innovations provided

The .Net framework offers a number of benefits to developers.

- A consistent programming model
- Direct support for security
- Simplified development efforts
- Easy deployment and maintenance

ADVANTAGE OF .NET:

- simple and faster system development
- rich object model
- enhanced built in functionality
- Many different ways to communicate with the outside world
- Integration of different languages into one platform
- Easy deployment and execution
- Wide range of scalability
- Interoperability with existing applications
- Simple and easy to build sophisticated development tools
- Fewer bugs
- Potentially better performance

ASP.NET

ASP.NET attempts to simplify developers' transition from Windows application development to web development by offering the ability to build pages composed of controls similar to a Windows user interface. A web control, such as a button or label, functions in very much the same way as its Windows counterpart: code can assign its properties and respond to its events. Controls know how to render themselves: whereas Windows controls draw themselves to the screen, web controls produce segments of HTML and JavaScript which form part of the resulting page sent to the end-user's browser.

ASP.NET encourages the programmer to develop applications using an event

scripting environments like ASP and PHP. The framework attempts to combine existing technologies such as JavaScript with internal components like "ViewState" to bring persistent (inter-request) state to the inherently stateless web environment.

FEATURES OF ASP.NET

1. ASP.NET Controls

ASP.NET contains a large set of HTML controls. Almost all HTML elements on a page can be defined as ASP.NET control objects that can be controlled by scripts. ASP.NET also contains a new set of object oriented input controls like programmable list boxes and validation controls. A new data grid control supports sorting, data paging and everything you expect from a dataset control.

2. Event Aware Controls

All ASP.NET objects on a web page can expose events that can be processed by ASP.NET code. Load, Click and Change events handled by code, make coding much simpler and much better organized.

3. ASP.NET Components

ASP.NET components are heavily based on XML. Like the new AD rotator, that uses XML to store advertisement information and configuration.

4. User authentication

ASP.NET supports from based user authentication, including cookie management and automatic redirecting of unauthorized logins.

5. User Accounts and Roles

ASP.NET allows for user accounts and roles to give each user access to different server code and executables.

6. High Scalability

Much has been done with ASP.NET to provide greater scalability. Server to server communication has been greatly enhanced, making it possible to scale an application over several servers.

7. Compiled code

The first request for an ASP.NET page on the server will compile the ASP.NET code and keep cached copy in memory. The result of this is greatly increased performance.

8. Easy configuration

Configuration of ASP.NET is done with plain text files. Configuration files can be uploaded or changed while the application is running. No need to restart the server.

9. Easy deployment

No more server restart to deploy or replace compiled code. ASP.NET simply redirects all new requests to the new code.

10. Compatibility

ASP.net uses a new file extension of “.aspx”. This will make ASP.NET applications enable to run side by side with standard ASP applications on the same server.

11. In ASP.NET the design and code behind files are different.

In this project ADO.NET is used for database connection. ADO.Net is a large set of .NET classes that enable us to retrieve and manipulate data, and update data resources in many different ways. As an integral part of .NET framework it shared many of its features such as Multilanguage support,

garbage collection, just in time compilation, objects oriented design and dynamic caching, and is far more than upgrade of previous versions of ADO.

2.3.2. Sql Sever 2000

DATABASE

A database management, or **DBMS**, gives the user access to their data and helps them transform the data into information. Such database management systems include **SQL Server 2000**, dbase, paradox, IMS, and oracle. These systems allow users to create, update and extract information from their database.

A database is a structured collection of data. Data refers to the characteristics of people, things and events. SQL stores each data item in its own fields. In SQL the fields relating to a particular person, thing or event are bundled together to form a single complete unit of data, called a record. Each record is made up of a number of fields. No two fields or change the definition of existing fields.

SQL TABLES

SQL Stores records relating to each other in a table. Different tables are created for the various groups of information. Related tables are grouped together to form a database.

PRIMARY KEY

Every table in SQL has a field or a combination of fields that uniquely identifies each record in the table. The Unique identifier is called the Primary key, or simple the key. The primary keys providers the means to distinguish one record from all other in table. It allows the user and the database system to identify, locate and refer to one particular record in the database.

RELATIONAL DATABASE

Sometimes all the information of interest to a business operation can be stored in one table. SQL makes it very easy to link the data in multiple tables. Matching an employee to the department in which they work is one example. It stores data in two or more tables and enables you define relationships between the tables and enables you to define relationships between the tables.

FOREIGN KEY

When a field in one table matches the primary key of another field is referred to as a foreign key. A foreign key is a field or a group of fields in one table whose values match those of the primary key of another table.



3. SYSTEM ANALYSIS

3.1. Existing System

Existing system has a drawback of manual errors in purchase, sales, stock, bleaching, and delivery. In order to avoid the manual errors functions are methods must be an automated first. This process is done using ‘garments management system’. This project else to avoid manual errors which is listed about. The main use of the industry of garments.

3.1.1 Problems in Existing System

Problem with low security.

Lack of information about the stock.

Low Maintenance cost.

Resource sharing.

Problem in low performance

3.2. Proposed System

By the process of automation the errors which we experienced manually about 80-90 percent. By minimizing the errors the product performance is likely increased by certain values. By automating the existing system, the workload is minimizing, the performance level is increasing.

3.2.1. Advantages

High security.

No lack of information.

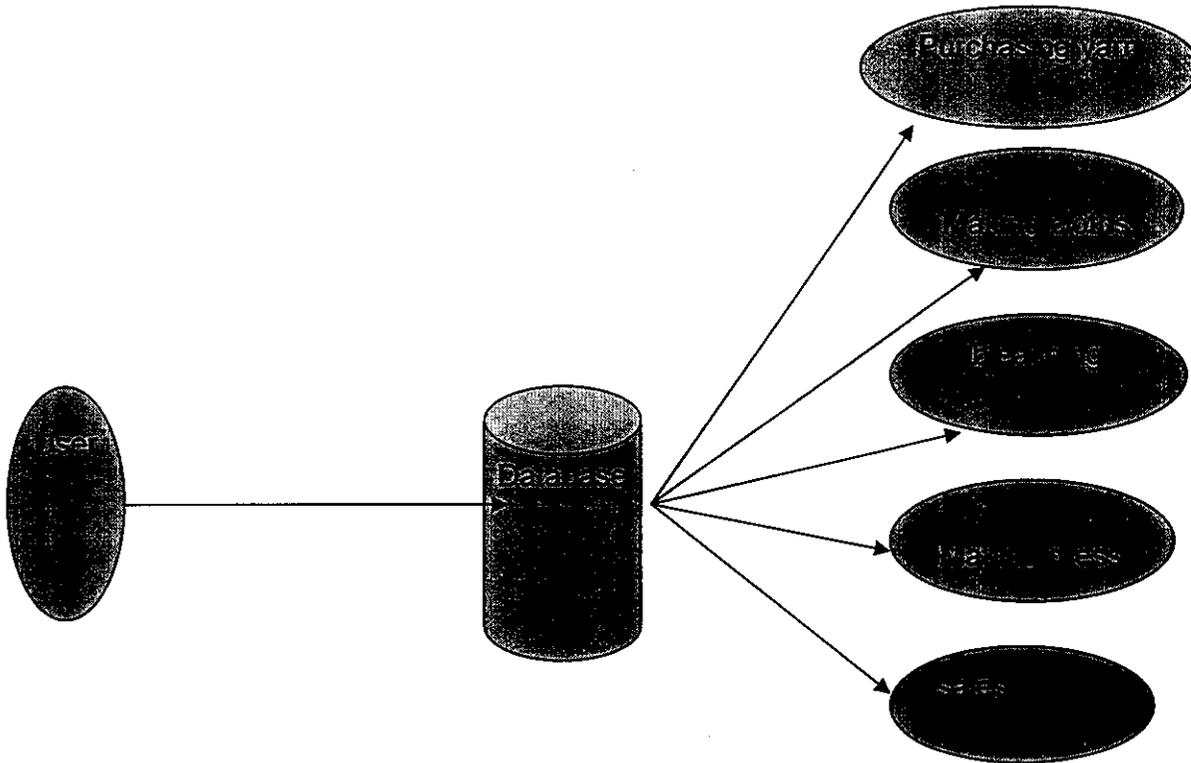
Low maintenance cost.

Resource sharing.

Very high performance.

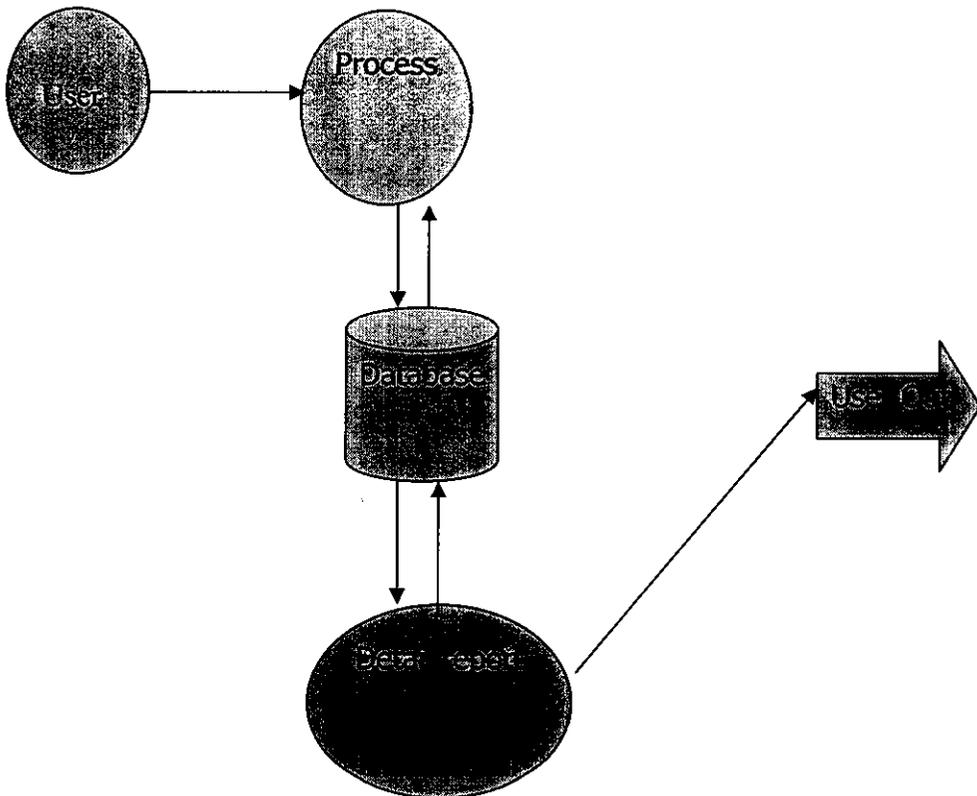
4. SYSTEM DESIGN

4.1. Context Analysis Diagram

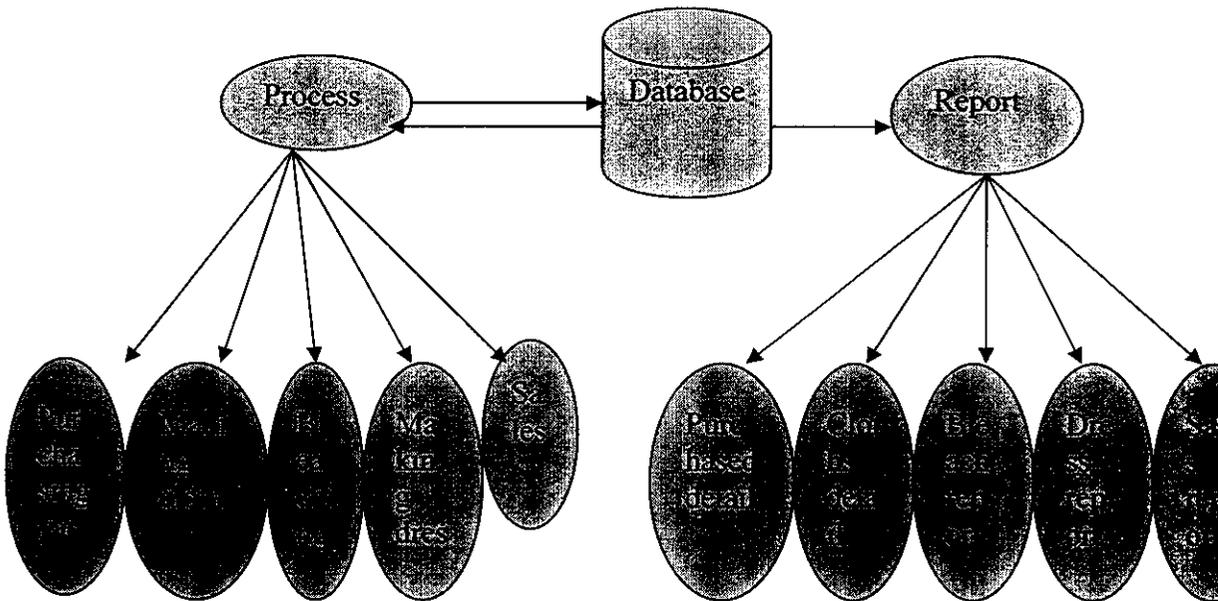


4.2 DATA FLOW DIAGRAMS:

4.1.1. Level-1



4.2.2 Level 2



SYSTEM FLOW DIAGRAM

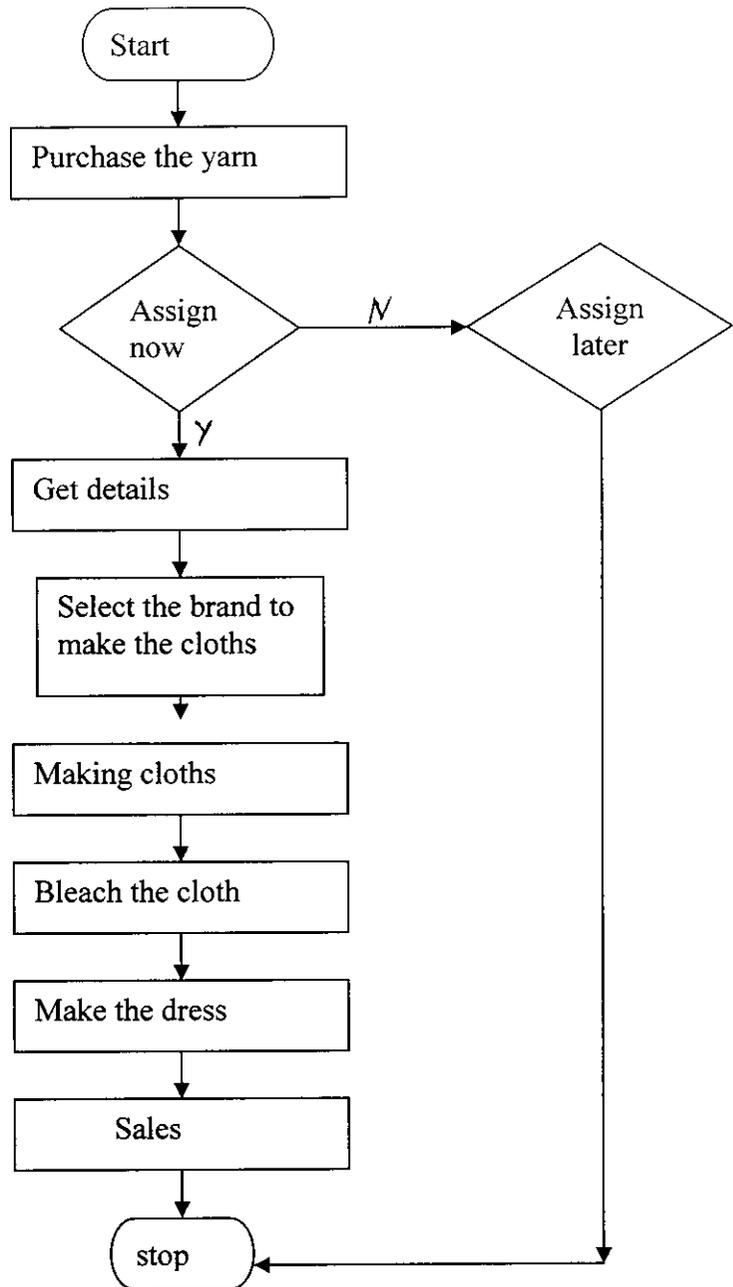
A system flow diagram can consist of a subdivision to show sequential steps, with if-then-else conditions, repetition, and/or case conditions. Suitably annotated geometrical figures are used to represent operations, data, or equipment, and arrows are used to indicate the sequential flow from one to another.

In software and systems development, system flow diagrams can be used in system flow analysis, data flow analysis, algorithm analysis, and simulation. Control and data flow analysis are most applicable for real time and data driven systems. These flow analyses transform logic and data requirements text into graphic flows which are easier to analyze than the text.

A flow diagram can be developed for the process control system for each critical activity. System Flow Diagrams are diagrams used in systems design to represent all external entities that may interact with a system. System flow diagrams are related to Data Flow Diagram, and show the interactions between a system and other actors with which the system is designed to interface. System flow diagrams can be helpful in understanding the context which the system will be part of.

It is used early in a project to get agreement on the scope under investigation. System flow diagrams are typically included in a requirements document. These diagrams must be read by all project stakeholders and thus should be written in plain language, so the stakeholders can understand items within the document.

System Flow Diagrams are drawn using oval symbol, diamond box, and arrows to indicate the flow of process. The best System Flow Diagrams are used to display how system operates at a very high level or how systems operate and interact logically. The system flow diagram is a necessary tool in developing a baseline interaction between systems and actors; actors and system or systems and systems.



4.2. Table Structures

1.LOGIN

Column Name	Data Type	Length	Allow Nulls
Loginname	varchar	50	
Loginpass	varchar	50	
Location	varchar	50	✓

2. PURCHASING YARN

Column Name	Data Type	Length	Allow Nulls
Purchase ID	int	4	
Purchase from	varchar	50	✓
Address	varchar	50	✓
Contact no	varchar	50	✓
Email id	varchar	50	✓
Brand name	varchar	50	✓

3. MAKING CLOTHS

Column Name	Data Type	Length	Allow Nulls
Cloth ID	Int	4	
Cloth name	varchar	50	✓
Cloth length	varchar	50	✓
Cloth price	Double	50	✓
Status	varchar	50	✓

4. BLEACHING

Column Name	Data Type	Length	Allow Nulls
Process ID	Int	4	
Cloth name	varchar	50	✓
Color	varchar	50	✓
Length	Double	50	✓
Total	Double	50	✓
Status	varchar	50	✓

5. MAKING DRESS

Column Name	Data Type	Length	Allow Nulls
Process ID	Int	4	
Dress name	varchar	50	✓
Quantity	varchar	50	✓
Price	Double	50	✓
Total	Double	50	✓
Status	Varchar	50	✓

6. SALES

Column Name	Date Type	Length	Allow Nulls
Process ID	Int	4	
Store name	varchar	50	✓
Dress type	Varchar	50	✓
Quantity	Double	50	✓
Price	Double	50	✓
Total	Double	50	✓

5. SYSTEM DEVELOPMENT

5.1. Introduction

System development is a series of operations performed to manipulate data to produce output from computer system. This aim at translating the design of the system produced during the design phase into code in user programming language. A modular approach is used for the development of the software.

The development phase for the project was created from the specifications created during the design phase. A principal activity of the development phase is coding and testing the computer program that make up the computer program component of the overall system. Other important activities include implementation, planning, equipment acquisition and system testing. The development phase concludes with the report and review.

5.2. Module Description

- Yarn Purchase.
- Making Cloths.
- Bleaching.
- Making Dress.
- Sales

5.2.1. Yarn Purchase

Yarns purchased from seller are maintained in yarn master and party details are in yarn party mater. Received yarns are added in yarn stock. From yarn stock the yarn is delivered for sizing (via warp, weft).the sizing party master maintains the sizing party's details.

5.2.2. Making Cloths

When yarns are purchased it is necessary to make the cloth according to the purchased yarn. It includes size and category of the cloths. It also include the rate and lab charge for making cloths.

5.2.3. Bleaching

When the yarn are made into cloths it has to bleach for adding required colors. It is the process of coloring the cloths it has various colors for bleaching various cloths.

5.2.4 . Making Dress

The process of bleaching is over it is ready to make dress according to the requirements of the customer. It includes the various type of dress and number of the dress which are needed.

5.2.5. Sales

When all the process are over the cloths are ready it has to sell the completed material.

6. SYSTEM IMPLEMENTATION

Online project marketing helps the users for purchasing the projects. This project allows both the users (i.e.,) company and site person from companies will access this particular process as a company user.

Implementation is the state in the System where the theoretical design is turned into a working system. The system can be implemented only after through testing is done and if found to work according to the specification. The most crucial stage in achieving a new successful system relies in giving confidence for the users on the new system that will work efficiently and effectively.

It involves careful planning, investigation of the current system and to constraints on implementation, design of methods to achieve the changeover, an evaluation of changeover methods apart from planning. System Analysis and design efforts will be more complex system being used for writing program code.

The main feature of this project provides facility to buy the products easily. This project is developed using ASP.NET as frontend and MS_SQL as backend.

Program Code Preparation

One of the important development activities is the code of programming. The system DFD's and other channels are converted to modular programs; they have to be compiled, tested and debugged.

7. SYSTEM TESTING

7.1. Introduction on Testing:

Software testing is a critical element of software quality assurance and represents the ultimate reviews of specification, design and coding testing represents interesting anomaly for the software. During earlier definition and development phases, it was attempted to build software from an abstract concept to tangible implementation.

Testing phase involves the testing of developed system using various test data. Preparation of the test data plays vital role in the system testing. After preparing the test data the system under study was tested using those data. While testing the system, errors were found and corrected by using the following testing steps and corrections are also noted for future use. Thus, a series of testing is performed for the proposed system was ready for the implementation.

7.2. Unit Testing:

Unit testing focuses verification efforts even in the smallest design in each module. This is also known as “Unit Testing”. Since the proposed project has three modules, the testing is done individually on each module and every form designing. Using the test plans, prepared in design phase of the system development as a guide, important control paths are tested to uncover error with in the boundary of the proposed project. In this testing each module is found to be working satisfactory, as regard to expected output from the proposed project.

7.3. Integration Testing:

Data can be lost across an interface, one module can have an adverse effect on the other sub-functions, when combined may not produce the desired functions. Integrated testing is the systematic testing to uncover the errors within the interface. This testing is done with simple data and developed systems has run successfully with this simple data .In the proposed project, each module will run successfully and produce valid outputs in the integration testing.

In this project “Online Garments Management system” each module is tested with required data. In yarn purchasing module the type of yarn , size and email id has been tested with sample data. In next module making cloths process has been tested with sample data like category product id. The next module is bleaching in that data has been tested with color and category of the cloth. The next module is making dress it has been tested category and size in meter.

7.4. Validation Testing:

Software validation is achieved through a series of black box testing that demonstrate conformity with requirements. A test plans out lines the classes of testes to be conducted and test procedure defines specific test cases that will be used to demonstrate conformity with requirements.

At the culmination of the black box testing, software is completely assembled as a package. Interfacing errors have been uncovered and correct final series of software Validation test begins. Validation test can is defined with simple definition that validation succeeds when the software functions in a manner that can be reasonably accepted by the user. In proposed project, validation testing will finally occur and it produces required outputs to the user.

7.5. Security Testing:

If the administrators have to enter the server side of the software we have to specify the user name and password. When the user enters the user name and the password, checking it with already registered in the database or not. If it matches, then only the user is allowed to access the page. Otherwise he is denied accesses and there by provides a strong security. In the proposed project, the username is COMPREHENSIVE BUSINESS SOLUTIONS and password is EMPLOYEE ID.

7.6. White Box Testing:

White box testing some times called glass box testing, is a test case design method that uses the control structure of the procedural design to derive test cases. Using white box testing methods, the software engineering can derive test cases.

- Guarantee that all independent paths with in a module have been exercised at least once.

- Execute all loops at their boundaries and within their operational bounds, and execute internal data structure to ensure their validity

7.7. Black Box Testing:

Black box testing also called behavior testing focuses on the functional requirements of the software. That is, black box testing enables the software engineer to derive sets of input conditions that will fully exercise all functional requirements for a program.

Black box testing attempts to find errors in the following categories:

- In correct or missing functions,
- Interface errors,
- Errors in data structure or external data base access.
- Behavior or performance errors and
- Initialization and termination errors.

8.TEST CASE

S. No	Page	Typical test scenario	Expected Result	Actual Result	Status
1	Login	Login with correct user name and password	Show the home with respect to the user logged in	User's Home page	Pass
2	Login	Login with incorrect user name and password	Show error as Enter correct user name	Show error as Incorrect user name	Pass
3	Login	Login with correct user name and incorrect password	Show error as Enter the correct password.	Show error as Enter the correct password.	Pass
4	Purchasing yarn page	Enter the details given .	Show error as Enter the complete data (If any data is not filled in proper format)	Show Error message as Enter the complete data	Pass
5	Assign and save the details	Given details has to assign for the process and save .	Show Error as assign and save the process(If the process does not assign and save)	Show Error as assign and save the process	Pass
6	Making cloth page	Enter the category to make cloth	Show Error as Enter the Correct category (If Incorrect category is entered)	Show Error as Enter the correct details	Pass
7	bleaching Page	Enter the color and details of cloth	Show Error as Enter the Color (If the color	Show Error as Enter the color	Pass

S. No	Page	Typical test scenario	Expected Result	Actual Result	Status
8	Making dressPage	Enter the Name of the dress	Show Error as Enter the name of the dress (If Incorrect Name is entered)	Show Error as Enter the correct Name of the dress	Pass
9	Making dressPage	Enter the category of the dress.	Show error as enter the category(if the category is not entered)	Show error as enter the category	pass
10	Sales form	Enter the name of shop and category	Show error as enter the name of the shop(If name is not entered)	Show Error enter the name of shop	Pass

8. CONCLUSION

The project on line processing of GAYATHRI GARMENTS (P) LTD has been developed using ASP.net, sql server .TheDatabase is supported by sql server.

This system provides an easy to about that concern and user-friendly environmentto do Purchase, sales, delivery of that company very successfully.

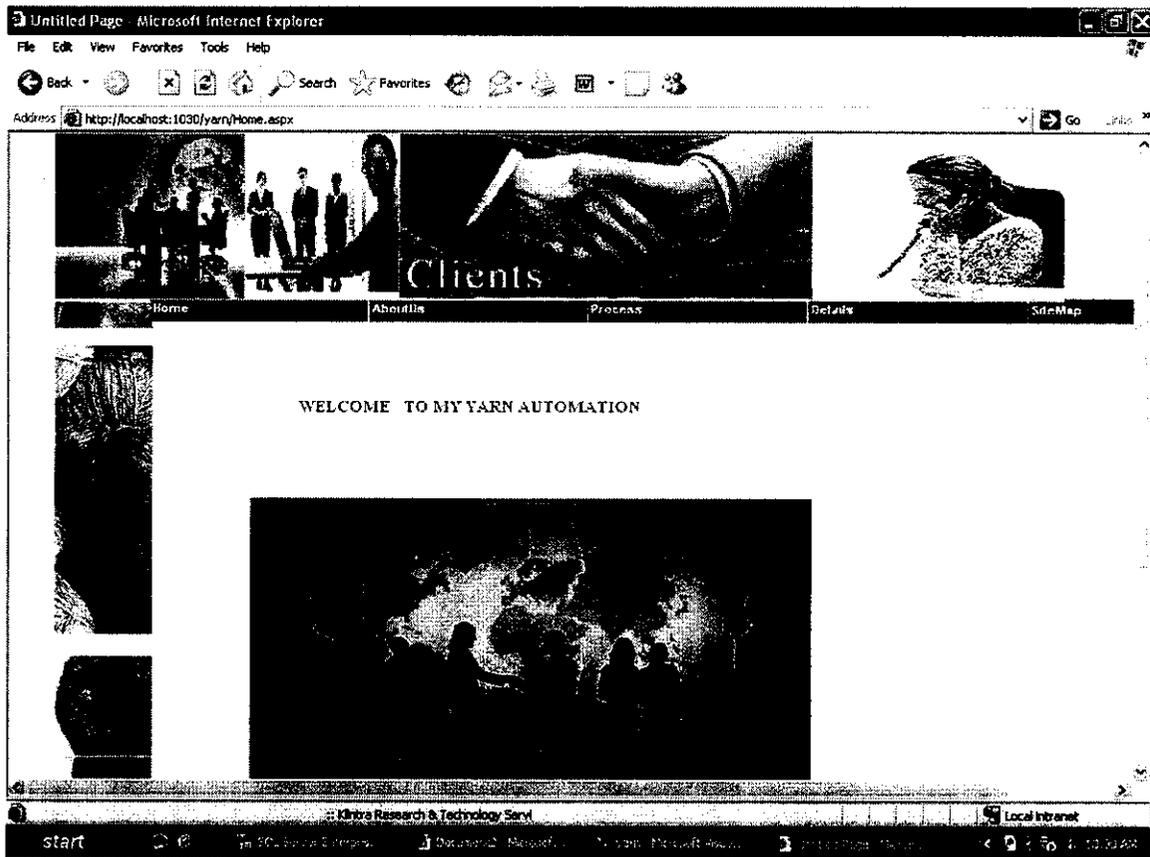
As for as this project is concerned any registered user can any all the yarn products. Since the users are registered using paying money, the site is very trustworthy.

This system provides a good replacement of the existing system. This project is developed in such a manner that modifications can be done as required. When the organization using the site need to add any module which suites to that firm then it can be done.

9. APPENDICES

Screen Shots

HOME PAGE



ABOUT US

Microsoft Internet Explorer window showing the "ABOUT US" page of a website. The address bar displays `http://localhost:1030/yarn/AboutUs.aspx`.

The page features a navigation menu with the following items: Home, AboutUs, Process, Details, and SiteMap. The "AboutUs" item is currently selected.

The main content area includes a large image with the word "Clients" overlaid. Below the image, the text reads:

ABOUT US:

The Project entitled as "ONLINE PROCESSING OF GARMENTS MANAGEMENT SYSTEM" plays major aspects in the textile processing system. From various parties Yarns are purchased and sized yarns are send to the weavers and weaved cloths are received and these cloths are send to the bleacher for processing and processed cloths to sales to sales department. These processes are completely deals with the automation of a textile industry.

The taskbar at the bottom shows the system tray with the date and time: 11:30 AM, 11/30/09.

YARN PURCHASING FORM

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://localhost:1030/yarn/YarnPurchase.aspx

Home About Us Process Details SiteMap

YarnPurchase:

Purchase Id BrandName

Purchase From BrandSize

Address Price Rs

Contact No Quantity meter

EmailId Total

Making Cloth

Assign Now Assign Later

start YARN AUTOMATION... Welcomes You!! Local Internet

YARN PURCHASING FORM

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://localhost:1030/yarn/YarnPurchase.aspx



Home About Us Process Details SiteMap

YarnPurchase:

Purchase Id	<input type="text"/>	BrandName	<input type="text" value="Ameto"/>
Purchase From	<input type="text" value="Ameto Technolog"/>	BrandSize	<input type="text" value="2 inch"/>
Address	<input type="text" value="Chennai"/>	Price Rs	<input type="text" value="4"/>
Contact No	<input type="text" value="923523525"/>	Quantity	<input type="text" value="2000"/> meter
EmailId	<input type="text" value="ameto@ahoo.com"/>	Total	<input type="text" value="8000"/> <input type="button" value="Update Total"/>

Making Cloth

Assign Now Assign Later

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YARN PURCHASING FORM

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address http://localhost:1030/yarn/YarnPurchase.aspx

Home About Us Process Details SiteMap

YarnPurchase:

Purchase Id	<input type="text"/>	BrandName	<input type="text" value="Bolly"/>
Purchase From	<input type="text" value="Bolly Tech"/>	BrandSize	<input type="text" value="3 inch"/>
Address	<input type="text" value="trich"/>	Price Rs	<input type="text" value="3"/>
Contact No	<input type="text" value="934563467"/>	Quantity	<input type="text" value="1000"/> meter
EmailId	<input type="text" value="bolly@yahoo.com"/>	Total	<input type="text" value="3000"/>

Making Cloth

Assign Now
 Assign Later

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Local Intranet

12:07 AM

MAKING CLOTHS

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Stop Refresh Home Search Favorites Print Mail News RSS

Address http://localhost:1030/yarn/MakingCloths.aspx





Home
About Us
Process
Details
SiteMap





MAKING CLOTH PROCESS:

- [YarnPurchase](#)
- [Bleaching](#)
- [Making Dress](#)
- [Sales](#)

Id	brandname	brandsize	price	quantity	total	purchasefrom	address	contactno	emailid	status
<input type="checkbox"/>	1 Ameto	2 inch	4	2000	8000	Ameto Technolog	Chennai	923523525	ameto@yahoo.com	Yes Edit Delete
<input type="checkbox"/>	3 brand3	4 inch	5	3000	15000	brand3	kovar	945757457	brand3@yahoo.com	Yes Edit Delete

AT&T - Welcome You!! Local Internet

start

MAKING CLOTHS

Microsoft Internet Explorer - Untitled Page

Address: http://localhost:1030/yarn/MakingCloths.aspx

Id	brandname	brandsize	price	quantity	total	purchasefrom	address	contactno	emailid	status	
<input checked="" type="checkbox"/> 1	Ameto	2 inch	4	2000	8000	Ameto Technolog	Chennai	923523525	ameto@yahoo.com	Yes	Edit Delete
<input type="checkbox"/> 3	brand3	4 inch	5	3000	15000	brand3	kovai	945757457	brand3@yahoo.com	Yes	Edit Delete

Process Id	Category	Meter	Price	Lab Charge	Total Charge
1	Silk	0	0	<input type="text"/>	<input type="text"/>

Assign Now Assign Later

YARN AUTOMATION - Welcomes You!!

start

MAKING CLOTHS

Microsoft Internet Explorer

Address: <http://localhost:1030/yarn/MakingCloths.aspx>

Id	brandname	brandsize	price	quantity	total	purchasefrom	address	contactno	emailid	status	
<input checked="" type="checkbox"/> 1	Ameto	2 inch	4	2000	8000	Ameto Technolog	Chennai	923523525	ameto@ahoo.com	Yes	Edit Delete
<input type="checkbox"/> 3	brand3	4 inch	5	3000	15000	brand3	kova	945757457	brand3@ahoo.com	Yes	Edit Delete

Process Id	Category	Meter	Price	Lab Charge	Total Charge
1	Silk	2000	8000	10	8010

Assign Now
 Assign Later

YARN AUTOMATION - Welcomes You

start

BLEACHING

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address: http://localhost:1030/yarn/bleaching.aspx

Home About Us Process Details SiteMap

YarnPurchase
MakingCloths
MakingDress
Sales

BLEACHING PROCESS:

Id	clothname	clothlength	clothprice	status
1	Silk	2800	8010	Yes

YARN AUTOMATION - Welcomes You!!! Local Intranet

BLEACHING

Microsoft Internet Explorer window showing a web application for bleaching. The browser title is "Untitled Page - Microsoft Internet Explorer" and the address bar shows "http://localhost:1030/yarn/Bleaching.aspx".

The application interface includes a table with the following columns: Id, clothname, clothlength, clothprice, status. A row is displayed with the following data: 1 Silk, 2000, 8010, Yes, with [Edit](#) and [Delete](#) links.

Below the table are buttons for [Get Details](#) and [Clear](#).

A form section contains the following fields:

Process Id	Category	Meter	Price	Lab Charge	Total Charge
1	Blue	2000	8010	<input type="text"/>	<input type="text"/>

Below the form are buttons for [Get Total](#), Assign Now, Assign Later, and [Save](#).

The Windows taskbar at the bottom shows the application name as "YARN AUTOMATION. Welcomes Y" and the system tray includes "Local Intranet" and the time "11:41 AM".

BLEACHING

Microsoft Internet Explorer window showing a web application interface for 'BLEACHING'.

Address: http://localhost:1030/yarn/Bleaching.aspx

Table header: Id clothname clothlength clothprice status

<input checked="" type="checkbox"/>	1Silk	2000	8010	Yes	Edit Delete
-------------------------------------	-------	------	------	-----	---

Buttons:

Process Id	Category	Meter	Price	Lab Charge	Total Charge
1	Blue	2000	8010	20	8030

Buttons:

Radio buttons: Assign Now Assign Later

Buttons:

Taskbar: start, Local intranet, ::YARN AUTOMATION.. W

MAKING DRESS

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address http://localhost:1030/yarn/MakingDress.aspx



Clients

Home AboutUs Process Details SiteMap

YarnPut change
MakingClothes
Bleaching
Sales

MAKING DRESS PROCESS:

Id clothname color length total status

1 Silk Blue 2000 8030 Yes

Get Details Clear

start

YARN AUTOMATION.. Welcomes You!!!

Local Intranet

2004 AM

MAKING DRESS

Microsoft Internet Explorer
 File Edit View Favorites Tools Help
 Back Home Stop Search Favorites
 Address: http://localhost:1000/yarn/MakingDress.aspx

Id: clothname color length total status

Silk Blue 2000 8030 Yes

Process Id	Category	Meter	Price	No Of Dress	Lab Charge	Rs Per Dress	Total Charge
1	Saree	2000	8030	10	20	823	

Assign Now Assign Later

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MAKING DRESS

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address http://localhost:1030/yarn/MakingDress.aspx Go

Id: clothname color length total status

1 Silk Blue 2000 8030 Yes

Process Id	Category	Meter	Price	No Of Dress	Lab Charge	Rs Per Dress	Total Charge
1	Saree	2000	8030	10	20	823	8230

Assign Now Assign Later

start

WARN AUTOMATION - Welcomes You!!

Local Intranet

SALES

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://localhost:1030/yarn/Sales.aspx

Home About Us Clients Process Details Site Map

YarnPurchase
MakingCloths
Bleaching
MakingBeesat

DRESS SALES PROCESS:

Id	dressname	quantity	price	total	status
<input type="checkbox"/>	1Saree	10	823	8230	Yes

start

YARN AUTOMATION - Welcomes

Local intranet

SALES

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address: http://localhost:1030/yarn/Sales.aspx

Id	dressname	quantity	price	total	status
<input checked="" type="checkbox"/>	Saree	10	823	8230	Yes

Get Details Clear

Process Id	Texttile Store	Contactno	Category	Quantity	Price	Total Price
1	Saravana	235235	Saree	10	823	8230

Save

YARN AUTOMATION.. Welcomes You

start

Local intranet

YARN PURCHASE DETAILS

Unfiled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://localhost:1030/yarn/YarnPurchase0.aspx



YarnPurchase Details:

	purchaseid	purchasefrom	address	contactno	emailid	brandname	brandsize	price	quantity	total	status
Edit Delete	1	Ameto	Technolog	Chennai 923523525	ameto@yahoo.com	Ameto	2 inch	4	2000	8000	Made To Silk
Edit Delete	2	Bolly Tech	trich	934563467	boly@yahoo.com	Bolly	3 inch	3	1000	3000	No
Edit Delete	3	brand3	kovai	945757457	brand3@yahoo.com	brand3	4 inch	5	3000	15000	Yes

YARN AUTOMATION.. Welcomes You!!!

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UPDATED YARN PURCHASED DETAILS

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Stop Home Search Favorites

Address: http://localhost:1030/yarn/YarnPurchaseD.aspx



YarnPurchase Details:

	purchaseid	purchasefrom	address	contactno	emailid	
Edit Delete	1	Ameto Technolog	Chennai	923523525	ameto@yahoo.com	Ameto
Update Cancel	2	Bolly Tech	trich	934563467	boly@yahoo.com	Bolly
Edit Delete	3	brand3	kovai	945757457	brand3@yahoo.com	brand3

start

Local Internet

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Home Stop Refresh Search Favorites Stop

Address: http://localhost:1030/yarn/YarnPurchaseD.aspx



Home About Us Process Details Site Map

YarnPurchase Details:

	purchaseid	purchasefrom	address	contactno	emailid	brandname	brandsize	price	quantity	total	status
Edit Delete 1		Ameto Technolog	Chennai	923523525	ameto@yahoo.com	Ameto	2 inch	4	2000	8000	Made To Silk
Edit Delete 2		Bolly Tech	trich	934563467	boly@yahoo.com	Bolly	3 inch	3	1000	3000	Yes
Edit Delete 3		brand3	kovai	945757457	brand3@yahoo.com	brand3	4 inch	5	3000	15000	Yes

start | Local intranet

MAKING CLOTHS DETAILS

Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address: http://localhost:1030/yarn/MakingCloths.aspx

Home AboutUs Process Details SiteMap

MAKING CLOTH PROCESS:

Id	brandname	brandsize	price	quantity	total	purchasefrom	address	contact	emailed	status
<input type="checkbox"/> 2	Bolly	3 inch	3	1000	3000	Bolly Tech	trich	934563467boly@yahoo.com	Yes	Edit Delete
<input type="checkbox"/> 3	brand3	4 inch	5	3000	15000	brand3	kovai	945757457brand3@ahoo.com	Yes	Edit Delete

start

Local intranet

10. REFERENCES

1. **ASP.NET Bible** Mridula Parihar *et al.* Hungry Minds, Inc.
2. Hemlata “**SQL SERVER 2000 REFERENCES**”, First Edition, Cyber-Tech Publications.
3. Herbert Schmidt (2000),”**VIEW ON SQL QUERY ANALYSER**”, Four Edition, Tata McGraw-Hill.
- 4.**ASP.NET WEB DEVELOPER’S GUIDE** Copyright © 2002 by Syngress Publishing, Inc

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www.sourcecode.com

www.dotnetcoding.com

www.codeguru.com

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