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ENTERPRISE DEVELOPER'S
ACCOUNT & ACCESS REQUEST SYSTEM

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Of

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A PROJECT REPORT

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COIMBATORE - 641006

BONAFIDE CERTIFICATE

Enterprise Developers Account & Access Request System
Certified that this project report titled "**MOBI-APPLICATION AND-SUPPORT SYSTEM**" is the bonafide work of Ms. T.Sivaranjani (Register Number: 71206621053) 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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Supervisor

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Head of the Department

Submitted to Project and Viva Examination held on 06/07/09

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6/7/09
Internal Examiner

[Signature]
6/7/09
External Examiner

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May 29, 2009.

KCT,
Coimbatore

This is to certify that Sivaranjani T. has completed an internship with Accenture Services Pvt. Ltd., The period of internship was from January 5, 2009 to May 29, 2009.

During this period, the intern has been working on a project entitled as "Enterprise Developer's Account & Access Request System".

We found the intern's conduct good.

Yours Sincerely

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Shailendra K Dasika
India HR Services Centre
Accenture Services Pvt. Ltd

ABSTRACT

The target of the "Enterprise Developer's Account and Access Request System" is to develop an automated system that provides the capabilities to process the standard requests for IT services and replaces several paper and web forms.

Currently the Enterprise Developer's Account and Access Request is being raised through an Email to the appropriate Trusted Person and the Trusted Person in turn raises a request to the Mobile support or Collaborator care for further processing.

Once the request is been processed the Collaborator care usually delivers the details of the processed request to a random trusted person. This results in loss of information and it becomes a tracking nightmare.

The Supervisor or the Trusted Person has to raise the request for all the employees and they must also keep track the details of the request that are pending and must send follow ups. The requests are raised through an email and all these works are done manually.

Automation is the key to increase efficiency, performance and reliability in any system and is being rapidly followed in all walks of life. The proposed system would automate all of the manual processes which would help reduce the overhead incurred by the Supervisors and the Trusted Persons and make the whole process simple and efficient. The proposed system will have computerized data entry screens and processes can be carried out based on inputs from those screens. A set of reports would be provided to ease out the end users task of having to send follow ups

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CHAPTER I

INTRODUCTION

1 SYSTEM OVERVIEW

The project entitled “Enterprise Developer’s Account and Access Request System” is an application that automates the processing of standard requests for IT services and replaces several paper and web forms.

The purpose for the Account and Access Request System was felt due to the nature of the work required, which involved a series of request which are raised by employees who are on-site and are working offshore and also by employees who are moving onsite.

The employees who are working offshore raise requests for Creation of NEE Account, NEE_ID – Password Reset and Site Access Request. The employees who are moving onsite raise request for the creation of NOE Account, NEE_ID – Password Reset, Site Access, Notes Extranets and Partners, Doclib Extranet, Secure ID card access, Appgate access, Firewall access, and Laptop/Desktop access. The Supervisors have got provision to raise request for the deactivation of NEE – Account.

The Account & Access Request System provides the users with a user friendly environment to raise the requests. The major functions that are involved are Registration, User’s Approval, Database Updation, Employee Management, Raising Request, Request Management, Weekly Reports, Archive Old Files and PMO Task.

In the Registration module an Employee can register him / her into the system. The employee has to fill in the essential details which include his First Name, Last Name, DOB, Enterprise Id, Employee Id, Password, Project, Designation, Extension, Mobile Number, E-mail ID and Address. The Level and Rights are assigned to the Employee based on his / her Designation.

In the User’s Approval module the Trusted Person’s and the Supervisors have got rights to either approve or reject the users who have registered into the system. Only the approved users can login and access the system.

In the Database Updation module various updation activities such as addition and deletion of Email Id, Sites and Request Type can be performed.

The Employee Management module includes the details about various employees working on the project. The Supervisors and Trusted Persons are provided with the facility to reset the password of an employee if the employee forgets his/her password.

In the Raise Request module, the employees can request for the various offshore and onsite request. The employees can select the appropriate request and fill in the essential details and submit the request for approval to the supervisors. The employee also sends an email to intimate the supervisor to approve the request.

In the Request Management module, the Supervisors can view these request and they can either approve or reject the request. The approved requests are further forwarded to the Trusted Persons who in turn groups the requests based on their request type and forwards it to the Collaborator care/Mobile Support for processing. Once the requests are processed the Trusted Person updates the status of the request and intimates the requestor through an email about the request details.

Weekly Report is a report generated weekly once by the Supervisor or Trusted Person which gives the details about the number of requests raised during the particular week and the status of the request. This report is used to send follow – ups through the system for the request that are pending for a long time.

Archive Old Files is done on monthly basis by the Supervisor or Trusted Person. Here the requests that have been processed and closed for a long time are archived.

In the **PMO Task module**, the Supervisor assigns certain Tasks to be completed by the MO. The Supervisor can Assign the task and view the status of the task assigned.

2 ORGANIZATION PROFILE

Accenture is a global management consulting, technology services and outsourcing company. Combining unparalleled experience, comprehensive capabilities across all industries and business functions, and extensive research on the world's most successful companies, Accenture collaborates with clients to help them become high performance businesses and governments. With 1,86,000 people in 49 countries, the company generated net revenues of US\$23.40 billion for the fiscal year ended Aug. 31, 2008.

2.1.1 Accenture Services Private Ltd

"High performance business" strategy builds on expertise in consulting, technology and outsourcing to help clients perform at the highest levels so they can create sustainable value for their customers and shareholders. Using their industry knowledge, service-offering expertise and technology capabilities, they identify new business and technology trends and develop solutions to help clients around the world:

- > Enter new markets.
- > Increase revenues in existing markets.
- > Improve operational performance.
- > Deliver their products and services more effectively and efficiently.

They have extensive relationships with the world's leading companies and governments and work with organizations of all sizes—including 94 of the Fortune Global 100 and more than two-thirds of the Fortune Global 500.

Among the many strengths that distinguish Accenture in the marketplace are their:

- > Extensive industry expertise.
- > Broad and evolving service offerings.
- > Expertise in business transformation outsourcing.
- > History of technology innovation and implementation, including their research and development capabilities, on which they spend approximately \$300 million annually.

CHAPTER 2

SYSTEM STUDY AND ANALYSIS

2.1 PROBLEM STATEMENT

Currently the Enterprise Developer's Account and Access Request is being raised through an Email to the appropriate Trusted Person and the Trusted Person in turn raises a request to the Mobile support or Collaborator care for further processing.

Once the request is been processed the Collaborator care usually delivers the details of the processed request to a random trusted person. This results in loss of information and it becomes a tracking nightmare.

2.2 EXISTING SYSTEM

The Supervisor or the Trusted Person has to raise the request for all the employees and they must also keep track the details of the request that are pending and must send follow ups. The requests are raised through an email and all these works are done manually.

Automation is the key to increase efficiency, performance and reliability in any system and is being rapidly followed in all walks of life. The problem with the traditional approach of the **Account and Access Request System** is that due to the manual nature of the work involved, there is always the possibility of wastage of time and it's very hard to retain a lot of information in mind and the manual process also leads to error in calculation. Automation helps eradicate the root cause of the error and wastage of time.

2.2 Services

Accenture provides services by helping their Clients around the world to achieve high performance. The services are

- > By Industry
- > By subject

2.2.1 Industry

- > Aerospace and Defense
- > Airline
- > Automotive
- > Chemicals
- > Communications
- > Consumer Goods and Services
- > Energy
- > Financial Services
- > Industrial Equipment
- > Media and Entertainment
- > Public Service (Government)

2.2.2 Subject

- > Consulting
 - They help their clients, create value and architect change through their unique spectrum of management consulting services
- > Technology
 - Discover the services Accenture delivers to help companies use technology to move to a higher level of performance.

2.1 Drawbacks of the Existing System

The drawbacks of the existing systems can be summarized as below:

- > Time Consuming.
- > Loss of Information.
- > Over head in managing various requests.
- > Generation of reports is difficult.

2.2 PROPOSED SYSTEM

The proposed system would automate all of the manual processes described which would help reduce the overhead incurred by the Supervisors and the Trusted Persons and make the whole process simple and efficient. The proposed system will have computerized data entry screens and processes can be carried out based on inputs from those screens. A set of reports would be provided to ease out the end users task of having to send follow ups.

2.4 FEASIBILITY ANALYSIS

Feasibility analysis is the measure of how beneficial or practical the development of the System will be to the project. Once the problem is explained information is gathered about the system to test whether the system is viable Technically, Financially and Operationally. Thus, feasibility study is carried out in three phases as follows:

2.4.1 Technical Feasibility

Technical Feasibility is the measure of practicality of a specific technical solution and the availability of technical resources and expertise. It centers on the existing computer system (hardware, software, etc.) and to what extent it can support the new addition.

The proposed system is to be developed using C#.Net and Microsoft SQL Server 2005 which are some of the leading technologies in the market. These technological resources are easily available and the company/project does not need to acquire any development licenses.

4.2 Operational Feasibility

Operational Feasibility asks if the system will work when it is developed and installed. It checks for the support of the management, the current business methods, user's involvement and their attitude towards the proposed system, etc.

The proposed system has found encouraging support from the Employees and the top management as it will be of great use to them. The administrator of the project is also committed to have the system operational as it will save time and reduce their workload.

4.3 Economic Feasibility

Economic Feasibility is the measure of the cost-effectiveness of the proposed system. The investment to be made in the proposed system must prove a good investment to the project by returning benefits equal to or exceeding the costs incurred in developing the system.

The proposed benefits of the system will outweigh the costs to be incurred during system development since the system does not require procurement of additional hardware facilities it is economically feasible. In addition capability of the system to incorporate future enhancement will improve the performance to suit the future need of the company/project.

4.5 USER INTERFACE REQUIREMENTS

The User Interfaces are designed using CSS. The interfaces would be designed in a user friendly manner with less complexity so that it proves to be easy for the users to navigate through the system. The UI screen is divided into 4 parts namely header, left, right and footer. All the modules are available as tabs so that the user can easily navigate through the pages.

4.6 USERS OF THE SYSTEM

The users of the proposed Account & Access Request System have been categorized as below and each of the user categories will have a set of rights which manage their use of the proposed system.

- > Employees
- > Supervisors
- > Trusted Person

Employees can log on into the application and raise the appropriate request needed and forward it to the Supervisor for approval. The employees have also got provision to view the status of their request.

Supervisors can view all the requests that are raised by the employees and have got provision to either approve or reject the request. The Supervisor forwards the approved request to the Trusted Person. Supervisors would be allowed access to all reports generated by the system and can view the details of the entire request raised by the employees.

The Trusted Person has also got provisions to approve the requests that are forwarded to the Supervisors and in addition he can group the requests based on their request type and forwards it to the Collaborator care/Mobile Support for processing. The Trusted Person has also got provision to update the status of the request and intimates the requestor through an email about the request details.

Both the Trusted Person and the Supervisor can view details of the request. They are also responsible for making updates to employee bio data. They can generate the weekly report from the system and can view the pending request and can send follow ups for the pending request and also they can assign task to the PMO for completion and can also update the status of task and view its status.

CHAPTER 3

DEVELOPMENT ENVIRONMENT

3.1 HARDWARE REQUIREMENTS

The hardware support required for deploying the application

Server Configuration

Processor : Pentium 3 / 4 or Above
RAM : Minimum 512 MB
Hard Disk : 20 GB or more

Client Configuration

Processor : Pentium 3 / 4 or Above
RAM : Minimum 128 MB

3.2 SOFTWARE REQUIREMENTS

The software support required for deployment is:

Operating System : Windows XP
Web Server : Microsoft IIS
Database : SQL Server 2005
Software for Development : C#.NET
Browser : Internet Explorer 5.0

3.3 PROGRAMMING ENVIRONMENT

3.3.1 C#.Net

Visual C# is a simple, type-safe, object-oriented, general-purpose programming language. It provides code-focused developers with powerful tools and language support to build rich, connected Web and client applications on the .NET Framework.

3.3.1.1 C#.net overview

- > Visual C# 2005 is the modern, innovative programming language and tool for building .NET-connected software for Microsoft Windows, the Web, and a wide range of devices.
- > With syntax that resembles C++, a flexible integrated development environment (IDE), and the capability to build solutions across a variety of platforms and devices, Visual C# 2005 significantly eases the development of .NET-connected software.

3.3.1.2 Features of C#.net

- > Visual C# 2005 builds on a strong C++ heritage.
- > Immediately familiar to C++ and Java developers, C# is a modern and intuitive object-oriented programming language that offers significant improvements, including a unified type system, "unsafe" code for maximum developer control, and powerful new language constructs easily understood by most developers.
- > An advanced inheritance model enables developers to reuse their code from within any programming language that supports .NET.
- > .NET Framework class library to gain powerful built-in functionality, including a rich set of collection classes, networking support, multithreading support, string and regular expression classes, and broad support for XML, XML schemas, XML namespaces, XSLT, XPath, and SOAP.
- > Using Visual C# 2005, developers can construct powerful Web services that encapsulate business processes and make them available to applications running on any platform.
- > Visual C# 2005 also enables developers to build the next generation of Windows-based applications. With visual inheritance, developers can greatly simplify the creation of Windows-based applications by centralizing in parent forms the common logic and user interface for their entire solution.
- > With native support for the .NET Compact Framework, mobile Web devices, and embedded applications available as part of Visual Studio 2005 Professional Edition, C# developers can now target a wide variety of mobile devices, including Pocket PCs, mobile phones, and devices powered by the Windows CE operating system.

Programmers can become immediately productive by using the same programming model and tools for creating powerful device-based software as they use for building robust Windows- and Web-based solutions.

3.3.2 Sql Server 2005

Microsoft SQL Server 2005 provides a new Management Studio, integration with Visual Studio 2005, and the Microsoft .NET common language runtime - all of which help you build, debug, and operate applications faster and more efficiently. SQL Server 2005 Management Studio Express, for easily managing your database. Best of all, as your needs grow; your applications will seamlessly work with the rest of the SQL Server product family.

3.3.2.1 Overview of Sql Server 2005

Extending the strengths of SQL Server 2000, SQL Server 2005 provides an integrated database management and analysis solution that can help developers to do the following

- > Build, deploy, and manage enterprise applications that are more secure, scalable, and reliable.
- > Maximize IT productivity by reducing the complexity of developing and supporting database applications.
- > Share data across multiple platforms, applications, and devices to make it easier to connect internal and external systems.
- > Control costs without sacrificing performance, availability, scalability, or security.

3.3.2.2 Features of Sql Server 2005

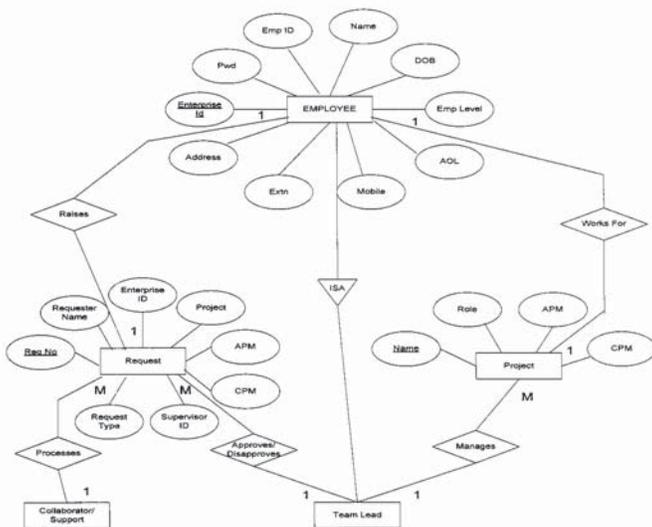
SQL SERVER 2005 provides statements for a variety of tasks, including

- > Querying data
- > Inserting, updating, and deleting rows in a table
- > Creating, replacing, altering, and dropping objects
- > Controlling access to the database and its objects
- > Guaranteeing database consistency and integrity
- > Supports PL/SQL



2 DATA MODEL

2.1 Database E-R Diagram



CHAPTER 4

SYSTEM DESIGN AND DEVELOPMENT

4.1 ELEMENTS OF DESIGN

System Design is the most creative and challenging phase in the development of a software system. Design implies a description of the final system and the process by which it is developed. The first step is to determine what input data is needed for the system and then to design a database that will meet the requirements of the proposed system. The next step is to determine what outputs are needed from the system and the format of the output to be produced.

During the design of the proposed system some areas where attention is required are:

- > What are the inputs required and the outputs produced?
- > How should the data be organized?
- > What will be the processes involved in the system?
- > How should the screen look?

4.3 DATABASE DESIGN

A database is a collection of inter-related data stored with minimum redundancy to serve many users quickly and efficiently. The general objective of database design is to make the data access easy, inexpensive and flexible to the user. An elegantly designed database can play a strong foundation for the whole system.

The details about the relevant data for the system are first identified. According to their relationship, tables are designed through the following method.

- > The data type for each data item in the table is decided.
- > The tables are then normalized.

The tables are normalized so that they can provide better response time, have data integrity, avoid redundancy and be secure.

4.3.1 Table Structure

Design Conventions Used

1. Appropriate words that describe the table should be used.
2. Words used to describe the table should be separated with an Underscore '_ '.
3. No special character other than an underscore is used in formulating a table name.

No number should be used anywhere in the table name string.

Table Name: Access Required

Name	Type	Key	Null
S_No	nchar(10)		No
Item	varchar(50)		No
Required	varchar(20)		Yes
Business_Reason_For	varchar(500)		Yes

Table Name: Archive_ID_PwdReset

Name	Type	Key	Null
Request_No	nchar(20)		No
First_Name	varchar(20)		No
Last_Name	varchar(20)		No
Enterprise_ID	varchar(20)	Foreign Key	No
Request_Type	varchar(20)		No
ID	varchar(20)		No
Request_Date	datetime(8)		No
Status	varchar(20)		No

Table Name: Email_ID

Name	Type	Key	Null
S_No	nchar(10)		No
Email_ID	varchar(500)		Yes

Table Name: Archive_Request_Details

Name	Type	Key	Null
Request_No	nchar(20)		No
First_Name	varchar(20)		No
Last_Name	varchar(20)		No
Date_Of_Birth	datetime(8)		No
Enterprise_ID	varchar(20)	Foreign Key	No
Project	varchar(20)		No
Role_In_Project	varchar(20)		No
Accenture_PM	varchar(20)		No
Client_PM	varchar(20)		No
Request_Type	varchar(50)		No
Request_Date	datetime(8)		No
Status	varchar(20)		No

Table Name: Archive_SiteAccess

Name	Type	Key	Null
Request_No	nchar(10)		No
Enterprise_ID	varchar(20)	Foreign Key	No
NEE_ID	varchar(20)		No
Sites	text(16)		No
Environment	varchar(50)		No
Tools	varchar(20)		No
Request_Type	varchar(20)		No
Request_Date	datetime(8)		No
Status	varchar(20)		No

Table Name: Emp_Details

Name	Type	Key	Null
First_Name	varchar(20)		No
Last_Name	varchar(20)		No
DOB	datetime(8)		No
Enterprise_ID	varchar(20)	Primary Key	No
Employee_ID	varchar(20)		No
Employee_Password	varchar(20)		No
Designation	varchar(20)		No
Employee_Level	varchar(20)		No
Project	varchar(20)		No
Extention	varchar(20)		Yes
Mobile_No	varchar(20)		Yes
AOL_Id	varchar(30)		Yes
Address	text(16)		Yes
ApprovedUser	varchar(20)		No

Table Name: PMO

Name	Type	Key	Null
Task	varchar(5)		Yes

Table Name: PMO_Task

Name	Type	Key	Null
S_No	nchar(10)	Primary Key	No
Task	varchar(50)		No
PMO_Id	varchar(20)		No
Start_Date	datetime(8)		No
End_Date	datetime(8)		Yes
Status	varchar(20)		No

Table Name: ID_PwdReset

Name	Type	Key	Null
Request_No	varchar(20)	Primary Key	No
First_Name	varchar(20)		No
Last_Name	varchar(20)		No
Enterprise_ID	varchar(20)	Foreign Key	No
Request_Type	varchar(20)		No
ID	varchar(20)		No
Supervisor_Id	varchar(20)		No
Request_Date	datetime(8)		No
Supervisor_App	varchar(20)		No
TrusPer_Id	varchar(20)		No
Status	varchar(20)		No
Sent_Coll	varchar(20)		No
Intimate_User	varchar(10)		No

Table Name: NEE_Deactivation

Name	Type	Key	Null
Request_No	nchar(10)	Primary Key	No
First_Name	varchar(20)		No
Last_Name	varchar(20)		No
Enterprise_ID	varchar(20)	Foreign Key	No
Request_Type	varchar(50)		No
NEE_ID	varchar(20)		No
TrusPer_Id	varchar(20)		No
Sent_Coll	datetime(8)		No
Request_Date	varchar(10)		No
Status	varchar(20)		No

Table Name: Request_Details

Name	Type	Key	Null
Request_No	nchar(20)	Primary Key	No
First_Name	varchar(20)		No
Last_Name	varchar(20)		No
Date_Of_Birth	datetime(8)		No
Enterprise_ID	varchar(20)	Foreign Key	No
Project	varchar(20)		No
Role_In_Project	varchar(20)		No
Accenture_PM	varchar(20)		No
Client_PM	datetime(8)		No
Extention	varchar(20)		No
Mobile_No	varchar(20)		Yes
Request_Type	varchar(50)		Yes
Request_Date	datetime(8)		No
Supervisor_Id	varchar(20)		No
Supervisor_App	varchar(20)		No
TrusPer_Id	varchar(20)		No
Sent_Coll	varchar(20)		No
Intimate_User	varchar(10)		No
Status	varchar(20)		No

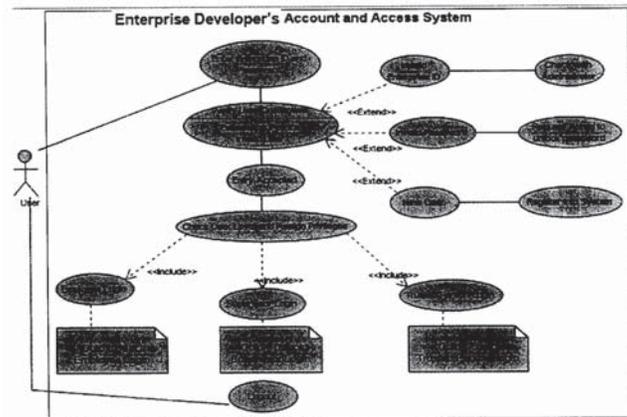
Table Name: Request_Type

Name	Type	Key	Null
S_No	nchar(10)	Primary Key	No
Name	varchar(50)		No
Type	varchar(20)		No
BusinessReason	varchar(500)		No

4.4 PROCESS MODEL

4.4.1 Use Case Diagram

Usecase: Employee Login



Usecase: Raise Request

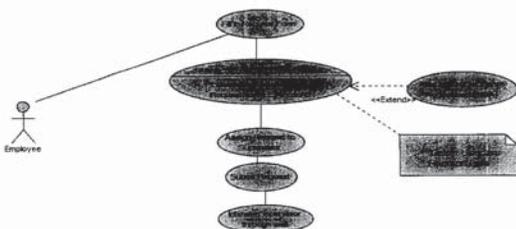


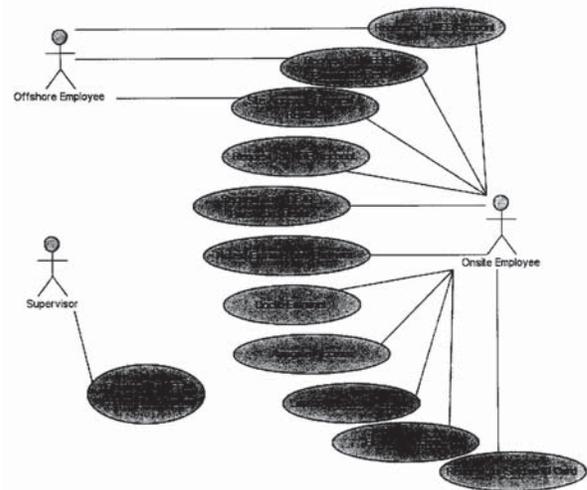
Table Name: SiteAccess1

Name	Type	Key	Null
Request_No	nchar(10)	Primary Key	No
NEE_ID	varchar(20)		No
Sites	text(16)		No
Supervisor_ID	varchar(20)		No
Environment	varchar(50)		No
Tools	varchar(20)		No
Supervisor_App	varchar(20)		No
TrusPer_Id	datetime(8)		No
Status	varchar(10)		No
Sent_Coll	varchar(20)		No
Request_Date	datetime(8)		No
Enterprise_ID	varchar(20)	Foreign Key	No
Request_Type	varchar(20)		No
Intimate_User	varchar(10)		No

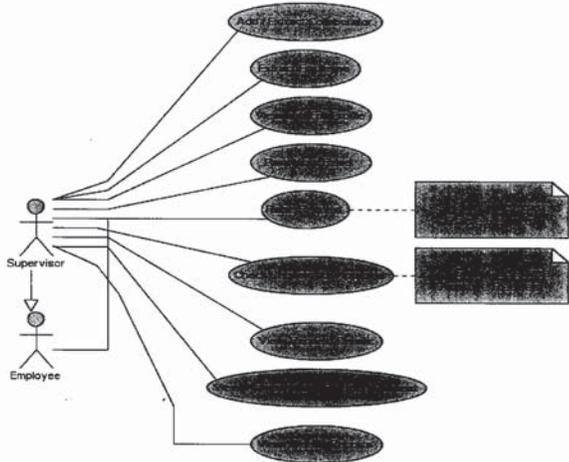
Table Name: Sites

Name	Type	Key	Null
S_No	nchar(10)	Primary Key	No
Site_Name	varchar(100)		No

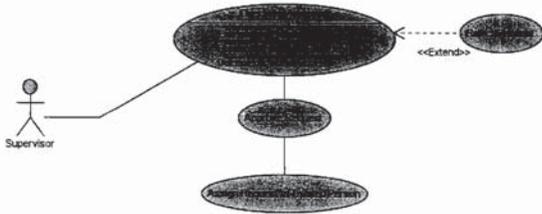
Usecase: Request Type



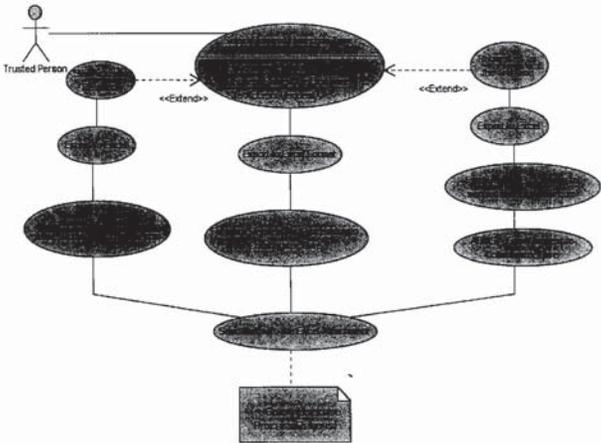
Usecase: Supervisor Login



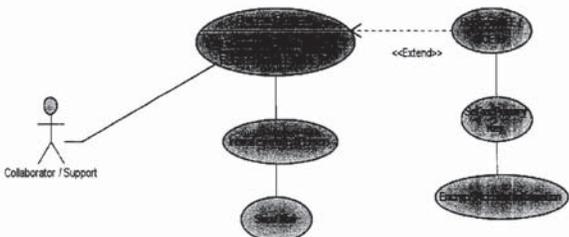
Usecase: Approve Request



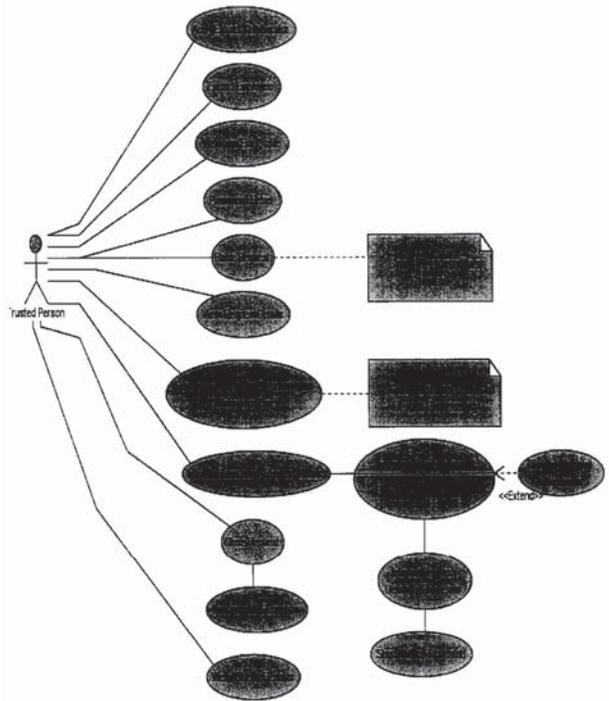
Usecase: Forward Request for Processing



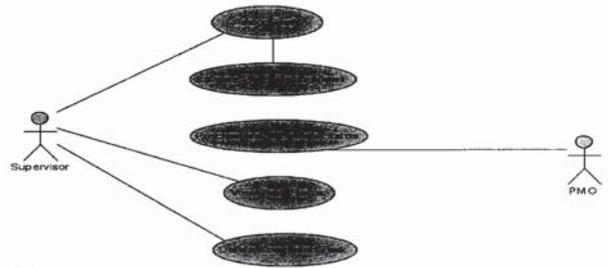
Usecase: Process Request



Usecase: Trusted Person Login



Usecase: PMO Task

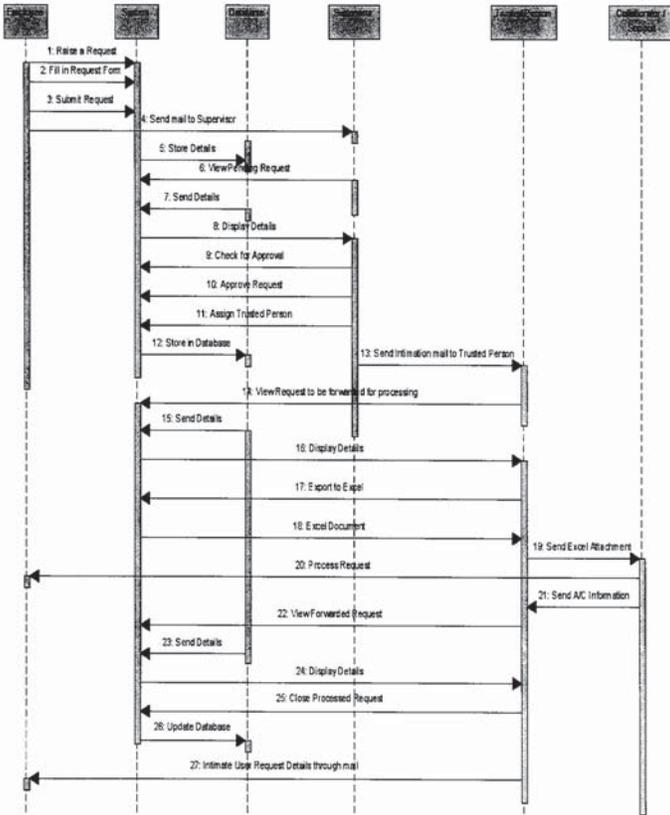


4.4.2 Sequence Diagram

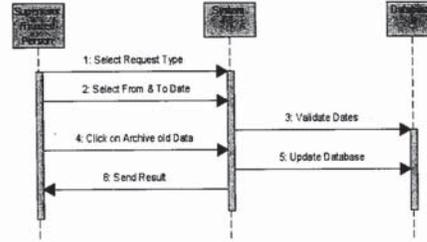
A sequence diagram is a form of interaction diagram which shows objects as lifelines running down the page, with their interactions over time represented as messages drawn as arrows from the source lifeline to the target lifeline. Sequence diagrams are good at showing which objects communicate with which other objects; and what messages trigger those communications



Request Management:

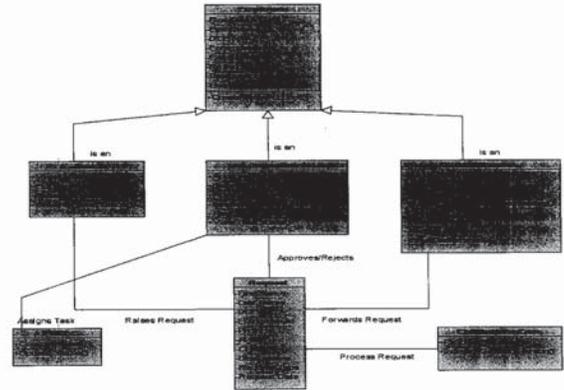


Archive Old Data:



4.4.3 Class Diagram

A class diagram is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, and the relationships between the classes. It can be used by analysts, business modelers, developers, and testers throughout the software development lifecycle.



5.3 TESTING

Software testing is the process used to assess the quality of computer software. It is an empirical technical investigation conducted to provide stakeholders with information about the quality of the product or service under test, with respect to the context in which it is intended to operate. This includes, but is not limited to, the process of executing a program or application with the intent of finding software bugs. Software testing methods are traditionally divided into **black box testing** and **white box testing**.

Black box testing treats the software as a black-box without any understanding of internal behavior. It aims to test the functionality according to the requirements. Thus, the tester inputs data and only sees the output from the test object. **White box testing**, however, is when the tester has access to the internal data structures, code, and algorithms. White box testing methods include creating tests to satisfy some code coverage criteria.

Testing can be done on the following levels:

- Unit Testing
- Integration Testing
- System Testing

5.4 UNIT TESTING

Unit testing tests the minimal software component, or module. Each unit (basic component) of the software is tested to verify that the detailed design for the unit has been correctly implemented.

Registration:

S.No	Test Case	Input Data	Expected Result	Actual Result	Pass/Fail	Comments
1	Register new employee	Details of the employee	Registered User waits for Administrators approval.	Registered User waits for Administrators approval.	Pass	
2	User's Approval		Displays list of user's	Displayed Clearly	Pass	

			registered into system.			
3	Approve User		Approved Users can login to system	Successful Registration for Approved User's.	Pass	

Employee Management: User Level

S.No	Test Case	Input Data	Expected Result	Actual Result	Pass/Fail	Comments
2	View Profile		Displays the profile of employee Logged in	Profile displayed clearly	Pass	
3	Edit profile	Employee details relevant to the need	Profile must be updated based on the given input	Profile gets updated	Pass	
4	Password Reset	Old and new password	Old password must be replaced with new one	Password gets replaced	Pass	

Employee Management: Supervisor & Trusted Person

S.No	Test Case	Input Data	Expected Result	Actual Result	Pass/Fail	Comments
1	View User's Profile		Displays the profile of all employees based on the level	Profile displayed clearly	Pass	

2	Edit User's Profile	Employee details relevant to the need	Profile must be updated based on the given input	Profile gets updated	Pass	
3	View Profile		Displays the profile of employee Logged in	Profile displayed clearly	Pass	
4	Edit profile	Employee details relevant to the need	Profile must be updated based on the given input	Profile gets updated	Pass	
5	Password Reset	Old and new password	Old password must be replaced with new one	Password gets replaced	Pass	
6	Unlock Password	Enterprise id	Password must be set to the default password	Password gets reset	Pass	

Raise Request:

S.No	Test Case	Input Data	Expected Result	Actual Result	Pass/Fail	Comments
1	Request for NEE ID	Request details and NDA Attachment	Request must be sent to Supervisor	Request is getting displayed for Supervisor	Pass	
2	Site Access Request	Request Details along with	Request must be sent to Supervisor	Request is getting displayed	Pass	

2	View approved & rejected list		Must display all the approved and rejected request	Request details are displayed	Pass	
3	View Request Details	Request Type	Must Display the Request Details of Selected Type	Request details are displayed	Pass	
4	Intimate Trusted Person	Enterprise Id of Trusted Person	Must display the list of approved requests	Request details are displayed	Pass	

Request Management: Trusted Person

S.No	Test Case	Input Data	Expected Result	Actual Result	Pass/Fail	Comments
1	Forward Request for Processing	Request Type	Displays Approved Request Based on Type.	Request Details are displayed correctly	Pass	
		Request Details	Request Details excel sheet must be opened	Excel opens properly	Pass	
		Request Details Excel, Mail ID	Must attach Excel and send mail.	Mail Sent Properly	Pass	
2	Update Request Status		Displays Request's which have	Request Details are displayed	Pass	

		Selected Sites		for Supervisor		
3	NEE –ID / NOE – ID – Pwd Reset	Request Details along with NEE / NOE ID	Request must be sent to Supervisor	Request is getting displayed for Supervisor	Pass	
4	Onsite Request	Request Details with the selected Onsite Requests	Request must be sent to Supervisor	Request is getting displayed for Supervisor	Pass	
5	Deactivation of NEE Account	Request Details along with NEE ID	Request must be sent to Trusted Person	Request is getting displayed for Trusted Person	Pass	
6	View Request Status		Must display status of requests raised by user logged in.	Displayed properly	Pass	

Request Management: Supervisor

S.No	Test Case	Input Data	Expected Result	Actual Result	Pass/Fail	Comments
1	Approve Pending Request		Must display the list of pending requests	Requests are getting displayed properly	Pass	

			been forwarded for processing	correctly		
			Must Update Status of Request	Update done Successfully		
3	Intimate User		Must Send Mail to User indicating that his Request is closed.	Mail Sent Properly	Pass	
4	Forward Pending Request	Request Type	Displays Request that are not yet processed.	Request Details are displayed correctly	Pass	
		Request Details	Request Details excel sheet must be opened	Excel opens properly	Pass	
		Request Details Excel, Mail ID	Must attach Excel and send mail.	Mail Sent Properly	Pass	

Database Update

S.No	Test Case	Input Data	Expected Result	Actual Result	Pass/Fail	Comments
1	Add Email ID	Email Id	Must get updated in database	Database updated	Pass	
2	Add New Site	Site Name	Must be updated in database	Gets updated	Pass	

3	Add New Request	Request Type, Business Reason	Must be updated in database	Gets updated	Pass	
4	Delete Employee	Enterprise ID	Employee details must be deleted from database	Gets Deleted	Pass	
5	Delete Email Id	Email Id	Email Id must be deleted from database	Gets Deleted	Pass	
6	Delete Sites	Site Name	Site must be deleted from database	Gets Deleted	Pass	
7	Archive old files	From and to date, Request type	Request Raised between the given dates must be sent to archive database	Entry gets archived	Pass	
8	View archived files	From and to date, Request	Archive data excel sheet must be opened	Excel opens properly	Pass	

PMO Task

S.No	Test Case	Input Data	Expected Result	Actual Result	Pass/Fail	Comments
1	Assign Task	Task	Must assign the selected task to PMO	Task assigned properly	Pass	
2	Update PMO		Must display the	Displayed	Pass	

CHAPTER 6

CONCLUSION AND FUTURE ENHANCEMENT

6.1 CONCLUSION

The Nokia Account and Access Request System enables the project team to get rid of the manual process which has been followed so far. Automating the entire System increased efficiency, performance and reliability in the .The problem with the traditional approach of the Account and Access Request System is that due to the manual nature of the work involved, there is always the possibility of wastage of time and it's very hard to retain a lot of information in mind and the manual process also leads to error in calculation. Automation helps eradicate the root cause of the error and wastage of time.

6.2 FUTURE ENHANCEMENT

- As for now, all the mails are sent through Microsoft Outlook. But by setting up an SMTP server, these mails can be sent directly through the SMTP server.
- Also, a help can be included that guides the employee to understand the tool better.

	Status		details of the task with status	properly		
			Must update status of task	Gets updated	Pass	
3	View PMO Status		Must Display status of PMO task with start and end date	Displayed Properly	Pass	

CHAPTER 7

APPENDICE-SCREENSHOTS



1. Login Page



2. Registration Page

2. NEE Account Creation

6. View Request Status

7. User's Approval

4. Site Access Request

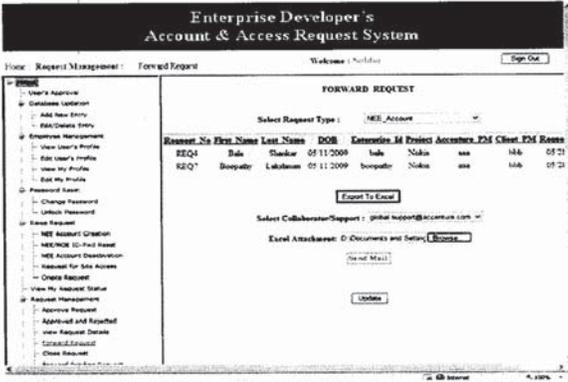
5. Onsite Request

Request No	Request Date	Enterprise ID	Request Type	Status
REQ1	05-25-2009	haha	NEE_Account	Pending
REQ2	05-25-2009	haha	Server_ID_Card	Pending
REQ3	05-25-2009	haha	Users_Edition_Pariners	Pending

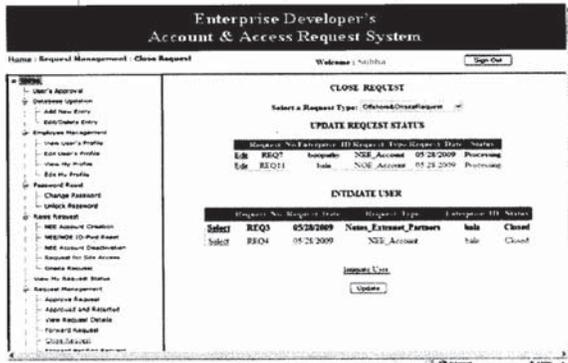
6. View Request Status

8. Approve Request

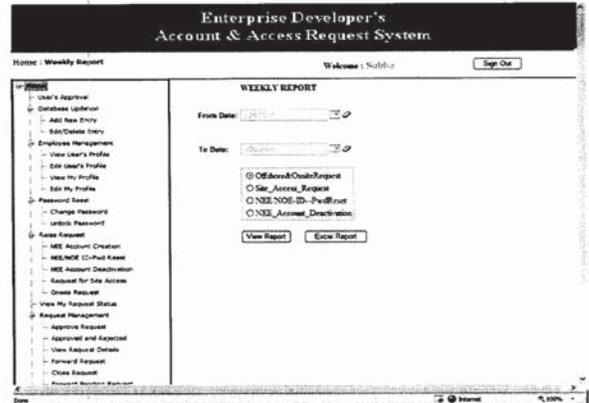
9. Intimate Trusted Person



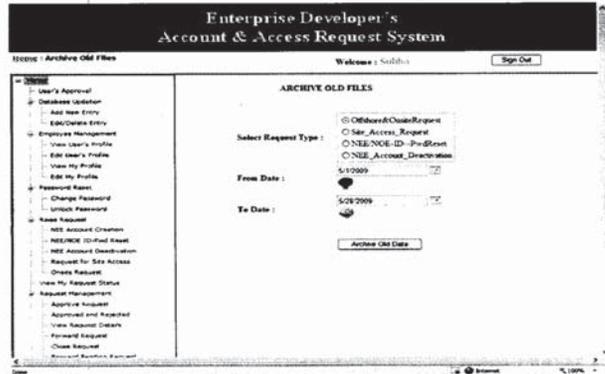
10. Forward Request



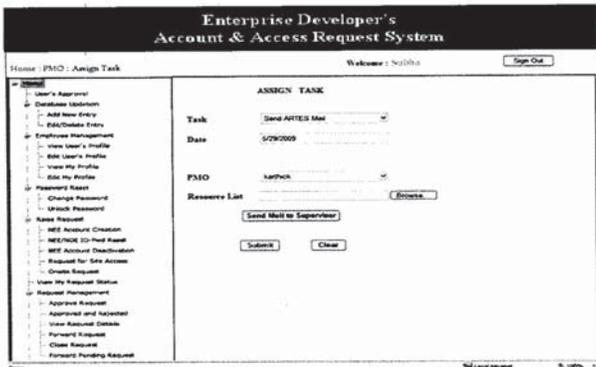
11. Close Request and Intimate User



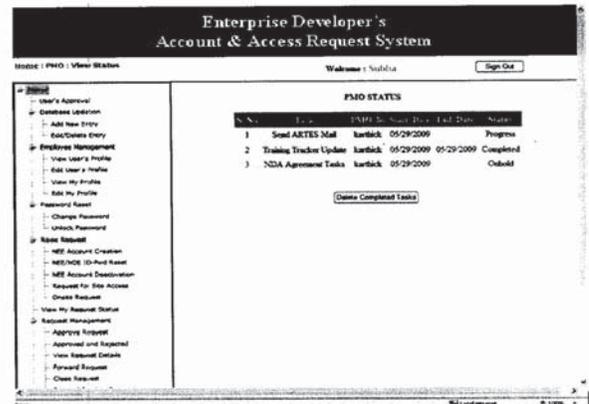
12. Weekly Report



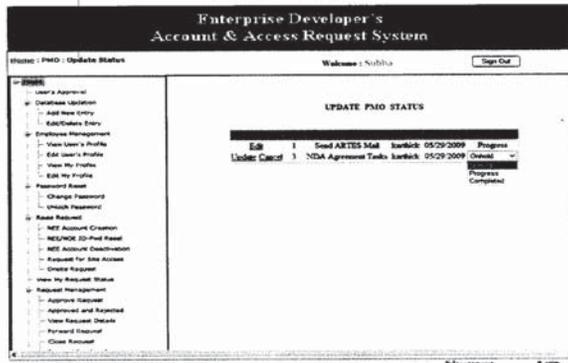
13. Archive Old Files



14. Assign PMO Task



16. View PMO Task



15. Update PMO Task Status

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