A project report on

REAL TIME MULTIFACETED STRUCTURING WITH SECURITY ALGORITM

Submitted in partial fulfilment of the requirement

For the award of the degree

MASTER OF COMPUTER APPLICATION

Of

Visvesvaraya Technological University

Belgaum, Karnataka

By

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1CR18MCA51

CMR INSTITUTE OF TECHNOLOGY

132, IT Park Road, Kundalahalli, Bangalore-560037

2019-2020

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Under the guidance of

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Department of Master of Computer Applications

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CERTIFICATE

This is to certify that the project work entitled

REAL TIME MULTIFACTED STRUCTURING WITH SECURITY ALGORITHM

Submitted in partial fulfilment of the requirement for the award of the degree of Master of Computer Applications of the Visvesvaraya Technological University, Belgaum, Karnataka bonafide work carried out by

AMRITHA.K
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during the academic year 2019-2020.

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Name of the Examiners — Signature with date

1.

2

aero

CERTIFICATE

This is to certify that the project titled "Real time multifaceted structuring with security algorithm" is submitted to aero software's in fulfillment of the requirement for the final semester degree of MCA from CMRIT, Bangalore. The project is a bona fide record at work carried out by Miss. Amritha k (1CR18MCA51) under the supervision and guidance of Mr. Aryan, IT Project Head, aero software's, Bangalore between the periods from 23/12/2019 to 23/6/2020.

The source code of the Project and executable file setup is not issued to the trainee as per the policy of the company.

Best Regards,

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DECLARATION

I, **AMRITHA K** student of 6th Sem MCA, **CMR Institute of Technology**, bearing the USN 1CR18MCA51, hereby declare that the project entitled "**REAL TIME MULTIFACETED STRUCTURING WITH SECURITY ALGORITHM**" has been carried out by me under the supervision of External Guide **Mr.Aryan**, Human Resource, and Internal Guide **Dr. V. Ilango**, Professor, Dept. of Master of Computer Applications and submitted in the partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications by the **Visvesvaraya Technological University** during the academic year 2019-2020. The reports have not been submitted to any other University or Institute for the award of any degree or certificate.

Place: Bangalore AMRITHA K

Date: (1CR18MCA51)

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I would like to thank all those who are involved in this endeavor for their kind cooperation for its successful completion. At the outset, I wish to express my sincere gratitude to all those people who have helped me to complete this project in an efficient manner.

I offer my special thanks to my external project guide Mr. Aryan, Human Resource, Aero Software, Bangalore, and to my Internal Project guide Dr. V. Ilango, Department of MCA, CMRIT, Bangalore without whose help and support throughout this project would have not been this success.

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INTRODUCTION

CHAPTER 1

INTRODUCTION

Project Description

Governance techniques are required to boost the functionalities of organizations as multiple operations are considered inside environment. Various types of organizations are having their own working environment where different types of considerable groups and Technologist alliances are referenced for performing different types of activities. When diverse type of groups and different type of related activities are performed there is a requirement of integrated tools and integrated security. The system is being designed for the professional Shield implementation in such a way that any type of considerable procedures is required can be properly implemented.

The conditional references that are required to fetch the related functions are provided within the system which has to be selectively used. All types of consideration that have required for the alliance based working is provided on a single service based platform with all types of activations in terms of different perceptions which is required to be organized by the organizations for example the user considerations, related client considerations, differential tools request related interpretations and the related security structuring. Multi considerations are provided within the system so that any type of format that is required by the company can be acknowledged. Multiple types of compositions are provided for the administrator so that working can revise properly and multiple groups can be controlled property.

The administrator will be having the references of positioning multiple teams so that regulated authentication can believe knowledge and even prop related Communications can be associated between the teams. As the teams are added multiple types of provisional working engagements can be performed as the system also provides all types of accomplished resources. Again the administrator will be having the preference to select the resources and in respect to which the resources can be provided to the users in a way it is required for. The consolidations of the work provisions in authorities work provides the system a better place for the uses as all types of handling of the activities can now be expressed on a single reference system.

When all types of controls and from a single system it provides more regulated formations for the companies that is easier in terms of control. The system is also incorporated with various types of step verification that are required to be implemented when multiple types of groups and teams will be acknowledged and will be added for the references of working. The consolidation that are required to be performed in terms of algorithm integration is also supported on Windows system because any type of regulation required for the implementation of the algorithms can be selectively utilized.

The system is incorporated with multiple types of algorithms support where different types of work references can be synchronized and accordingly the algorithms can be implemented. Various types of consideration that are required for the requirement setting is also supported within the system so different reference of the session and security login provisions can be also designed. System is also associated with multiple techniques which are required for more established security and even combination and different approaches can be utilized with destination method or we can say that multiple types of reference of security approach can be utilized.

Fig-1.1

System considerations of management work is shown

System also integrated with various types of action reports between be help because as these reports will provide the opportunity to the administrator to have sufficient knowledge about the working information and about the security references because when multiple resources are utilized in different types of users are added it is required that they should be tracked also. So the report generation can be based on proclamation where different types of testing can be performed and accordingly the related orientations of the reports will be generated and will be provided to the users.

Multiple types of preferences that have required to be generated is also accompanied and different types of tablets system is also associated with the system to provide more understanding about the convenient usage of different security references in different types of verification references and different types of requirement settings. A professional reference has been included so that multiple types of organization and replies the system and more acknowledgement of the perception can provided to the users as it is needed that accomplishment of the task account the requirement can be achieved with the help of a system. As a professional structuring will be undertaken all types of considerations related to the work can be properly organized. When all types of references are organized on a single frame even multi operation considerations are supported so we can say that any type of related activities based on business process can be performed.

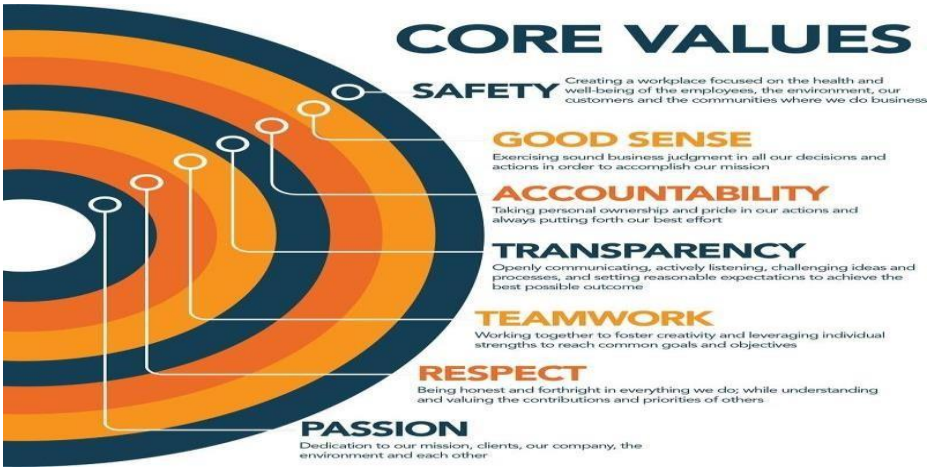
COMPANY PROFILE

Aero

Profile

Established in 2011 the company provides Global Services in terms of various custom built platforms and other professional software's. The framework that is required to be structured will experience various arranging and arrangements inquire about with significant insights so the references are required and it appropriately accomplished. The framework gives business work stages to different associations on the server space this which can be utilized for various exercises. The organization assists with augmenting and quickens the intensity of handling with the innovative incorporations and with astute plan references that will be given to the clients.

Numerous distributive utilities that are intended for various impression of working encourage the associations worldwide to discover their work appropriately regarding distinctive area. To give high conveyance administrations and to keep up the best possible commitment the organization is related with various assistance advancements at the maintenance and commitment exercises will be on the customary premise to get the required for refreshes so more refreshed renditions of working stages can be given.



Our Mission

Trust

Quality

Imagination, advancement and activity

Responsibility

A moral approach

Center Values

Services

Custom programming advancement

Facilitating administrations

Businesses

Counseling

Capacity administration

Board Association

Review

LITERATURE-SURVEY

CHAPTER 2

LITERATURE-SURVEY

Existing and Proposed System

Existing system

In the existing system the activation of different types of digital identity requirements and the requirements of different professional structuring based on operations is not supported so all types of opportunities that are required to be acknowledged has to be done with the help of different types of tools. When multiple tools are incorporated or utilized by the company more references of investment is needed. In the existing system we have also referenced that the type of requirements security which is needed is not established from a single reference system.

Multiple problems has been outlined and some of them are listed as following -

- In the existing system the related professional structuring in terms of different types of business requirements is not supported on a service platform so all references of user control all references of requirement settings power the type of verification required for the different Collateral requirements are acknowledged individually
- In the existing system even the type of group activation that is needed for distributed working so that different types of endeavor can be accomplished is quite difficult because each set of users are required to be handled individually for different task and processes
- In the existing system the additional collaterals that are needed for the working has to be allotted based on enterprise activities which means that for different types of categorical working different types of tools are required to be purchased
- In the existing system even the step verification process under the security is not supported for different methodological implementation from a sole organization
- In the presented system even references of requirement settings that are required for security perception is also not supported in from a single system and has established with different types of consideration so we can say that all types of

factor security methodologies requires individual preferences for the implementation

- Multi methodological considerations from a single systems not supported which can be based on embedded security for the related third party integration security
- Multiple references of real-time consideration for the knowledge yield is also not supported in any type of cooperative or engaged information is required it requires more structuring
- That component customization in terms of frame settings is also not supported and even different types of service request mechanism is not followed so that any type of requirements needed can be retrieved

Proposed system

The proposed system accomplishes various types of references which are important for the policy transformation and methodological transformation in a particular environment where multiple users will be performing different types of activity. The proposed system is referenced with all types of consideration that have required for the characteristic implementation based reference platform so we can say that any type of required support needed for performing the security implementation and for performing the operations can be properly organized.

Some of the important references of the proposed system is listed as following-

- The system is based on professional structuring so any type of related usage in terms of the tools or in terms of the required user control or in terms of the security references can be properly established from single system. The administrator will be having the allocation rights where multiple components are inbuilt and have to be collectively utilized
- Group activations for the distributed working is supported in the proposed system so all types of regulations related to users workability can be established by the administrator this will help to govern the work properly. Multiple teams and multiple users for different types of task and activities can be added
- Various types of collaterals for the allocated working in terms of different deliberation is supported in the proposed system so any type of enforcement required in terms of collection for an approach based tool can be property acknowledged

- All types off step verification processes that are required for the security revision and for the intense signification of the operations can be performed from a place with custom setups
- Requirement settings that are required in terms of different types of methodological implementation for the security considerations are also provided in the proposed system where multiple types of purpose based security can be selected configured and used
- Third party reflex that is needed for different types of security implementation is also supported and provides the compatibility
- Real time consideration for the knowledge yield is supported in the proposed system where all types of view that is needed for the facilitated operations and security can be properly generated
- Component customization in terms of frame settings are also supported this will help to brand the system according to the requirements because the system will be used for multiple endeavor and will be used as a primary channel for the working

FEASIBILITY STUDY

Feasibility consideration is a process where we have to understand the requirements properly because when the system will be designed we have to acknowledge that each reference should be properly associated and acknowledged so all types of technological requirements will be discussed. The related management in terms of operations will be also discussed and all types of considerations related to the economics will be also discussed. Feasibility study considerations are important and has to be taken seriously because we require that first acknowledgement of the understanding about the actual requirements has to outline.

Technical feasibility

Operational

Economic feasibility

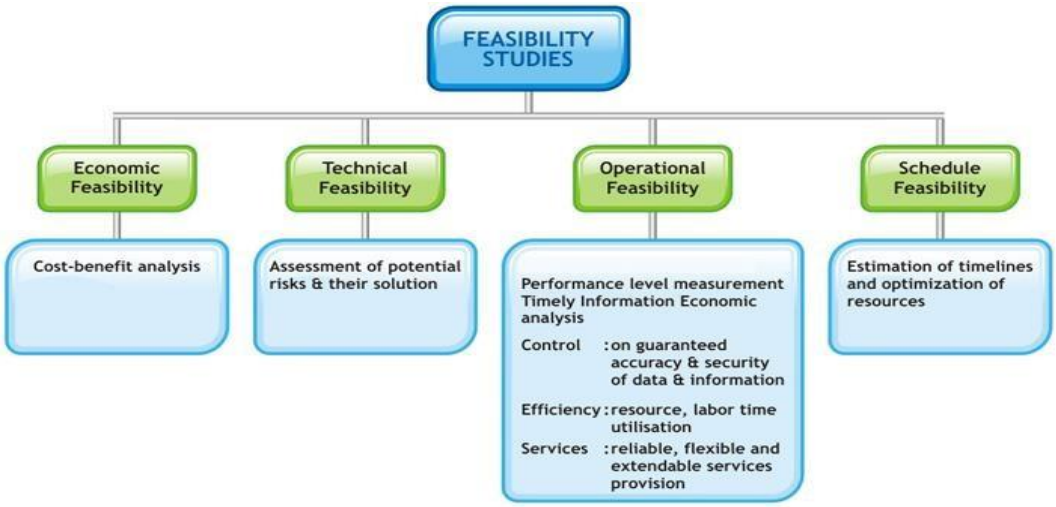


Fig -2.2.1 Details of feasibility reference is shown

.Technical feasibility

Technical conditions are required to be related properly because we have to reference a detail at how the functionalities will be added and how the processes will be working

Related team collaboration will be associated so that different types of activities can be properly Technologist in the design perceptions can be properly referenced

The relation of the technology for associating different types of working based on the security implementations and for different types of related operations will be undertaken with detailed aspects

Multiple types of considerations that have acquired in terms of the references of multi user working on to the service basis be also checked

Operational feasibility

The operational considerations are needed for the understandability that is required so that executive working in relation to different types of criterions provided within the system. The user should be acknowledge with the features of the system that how it can optimize the work

Multiple types of references that are required to be established with the help of different types of features can be elaborated with the help of different types of documents

Even the users will be provided with different types of service assistance and incorporated in house training will be also undertaken

2.2.1 ECONOMICAL FEASIBILITY

Economic feasibility

Economic references are important because we have to sustain the system development in different stages so first we have to revise that how much money is required for the investment

The considerations of the working will be properly accomplished and detailed documentations will be prepared first

Financial department will be we considered for establishing all types of working. The allocation of the resources and different types of cost perception analysis is also required to be undertaken

Tools and Technologies

Tools and technology

JAVA

We are using Java Technology because it is having multiple significant advantages over the other languages and it is also different types of environment. The major references of the Java language is

It is object oriented

Platform independent so it can be easily transferred

Even the compilation the writing and debugging of the language is easier to understand

Rich API for the application development is provided and various types of communication among various activities like networking utility and database references can be properly generalized

It also supports multithreading so that several task can be organized in parallel

Distributed computing is also properly in hand with the help of Java and even the networking references can be properly associated with secured integrations

NetBeans 10 Installation

Go to https://netbeans.org to download Apache NetBeans 10 then click on the download button as shown below-

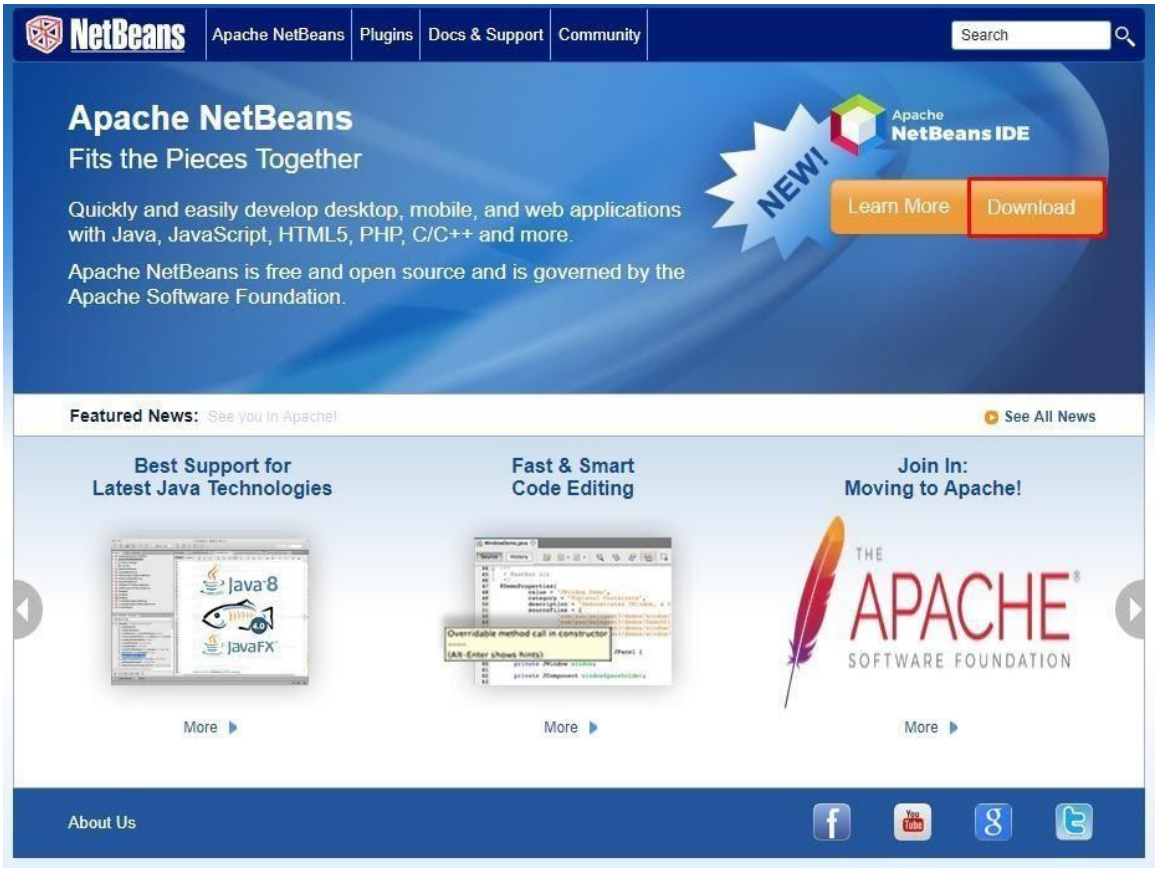


Fig 2.3.1 Download

Fig 2.3.2 Download NetBeans

Fig 2.3.3

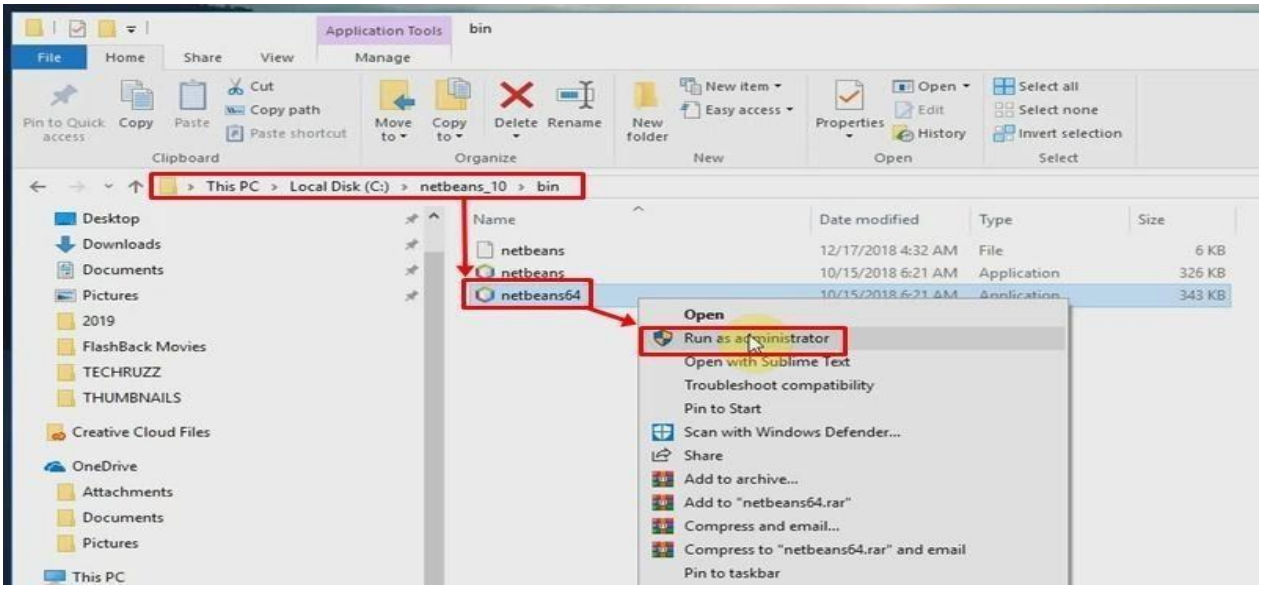


Fig 2.3.4

SQL

Retrieval for large amount of records can be efficiently and quickly managed

Most references of the database system can be managed without writing the substantial amount of courts

All types of standards are being adopted

Multiple data view ca n be structure

Supports client server architecture

More interactive in terms of getting the references

Open source and portable that provides the flexibility of usag

Hardware and Software Requirements

Hardware Requirements

- Computer processor : 4th generation Intel core i3
- Clock speed : 1.7 GHz
- Hard Disk Space : 500 GB
- RAM : 4 GB

Software Requirement

Databases

MySQL 8.0.13

Technology

Hybrid cloud (implementation)

Platform

Windows

Languages

JAVA (J2EE, JavaScript, JSP)

Integrated development environment

NetBeans/ Eclipse

Supporting Server

Apache Tomcat 8, SSD cloud server, Amazon s3

SOFTWARE REQUIREMENTS SPECIFICATIONS

CHAPTER - 3

SOFTWARE REQUIREMENTS SPECIFICATIONS

Users

Administrator

Administrator activities are based on the structuring and entire preferences that are required to be acknowledged will be based on the positioning that will be done from one central control. The administrator will be having the platform structuring rights where all types of Shield and all types of activity accomplishments will be associated.

Associates

Associate are the team members those who will be acknowledged with different activities and different types of controlled supervision will be established. Multi considerations of the association will be acknowledged by the administrator so that based on security perception the activities can be coordinated

Scope and objective

The scope of the system is elaborations with combined interactions and improvements of security relations provided so that any type of preference working required can be quickly established with cost effectiveness

The related objective of the system is to provide all types of approach which is portable and type of Administrative requirement that has to be established can be properly at knowledge by different types of clients in different types of situations

Assumptions and dependency

Assumption of the system is that the related strategic conditions that will be set up has to be done by the administrator and the revision working should be properly established with proper knowledge references

The dependency of the system is that all types of distributed and share working has to be acknowledged through the system only

Problem statement

Accomplishing different types of critical security references on a single system with all types of prominence and identity references quite difficult to be established

Considerations of the topological vendor working where multiple clients can use the system on a service basis

References of collaterals that will be added as multi considerations are required to be performed

References of reports that will be provided in terms of hypothesis of the information

Functional Requirement

Functional requirements are the abstraction understanding based on different types of functionality so that a proper arbitration can be achieved. Detailed understanding of each and functionality will be performed where all types of reference processes based understanding will be provided with documented references and even the inputs and outputs will be considered

Table : 3.1.1 Group design formations

Use Case Name	group design formations
Trigger	Inputs
Precondition	Admin control
Process	Various types of group design formations are provided which will promote integrated working so that different types of measures and proceedings can be established. Administrative will be provided with different types of medium which will be utilized in terms of reference think the details of the users for providing the interactions and Communications. Multiple users can work with synchronization and references of details

	can be properly achieved from central control
Post-condition	Teams added

Table : 3.1.2 Application preferences

Use Case Name	application preferences
Trigger	Settings
Precondition	Admin control
Process	Multiple types of application preferences for the enterprise working is required to be established so all the related references that are required to be preferentially utilized will be provided where the users will be having the rights to select and incorporate the work. The system provides all types of components and intended control for the supervision and for the security implementation for the related to selected and accordingly it will be processed
Post-condition	Application preference added

Table : 3.1.3 Approaches

Use Case Name	approaches
Trigger	Selective
Precondition	Admin control
Process	For accomplishing different types of approaches based on the influence

	security is provided and this will be done with multiple types of categorical status. Multiple types of evaluations are provided with the help of which multiple types of related security requirements can be directly implemented on a particular identity of reference. The system will save the security references and accordingly the processes will be acknowledged in genuine occasion
Post-condition	Added

Table 3.1. Centralized consideration

Use Case Name	Centralized consideration
Trigger	Selective
Precondition	Authentication
Process	Centralized consideration for the reports that can be yield indifferent perception is provided so any degree of information requirement arises it can be properly Input and accordingly the system will provide in numerous customizations based reports. Different types of reports that are provided can be elaborated with the help of different types of interactive references of customization required for the possible views. All types of possible control which is needed are accomplished with different types of perspective so the users will be having more realization of the workability and more control can be achieved when the central control is setup. Administrator will be having the reference of control so that prospective implementation can be achieved with authenticated

	channel.
Post-condition	Required reports added

Table 3.1.5 Collaborations

Use Case Name	Collaborations
Trigger	Auto and settings
Precondition	Control required
Process	Collaborations and different types of working proclamation that is needed in real time work abilities is also supported where all types of domain references are automatically managed by the system so we can say that system is a structure to provide a detailed information so that the intentions of the workability can be properly elaborated and can be established
Post-condition	Added reference provided

NON- FUNCTIONAL REQUIREMENTS

Non functional requirements are associated and based on potentials that are required to be provided with all types of prospective in the real time. The client should be provided with detailed workability and understanding. Multiple types of references based on Information Act acknowledgement and technique integrations with all references of security and globalization has to be provided

Scalability

We have to summarize all the related workability on a single system so any type of considerations of users in teams required to be added should be supported and any

references of the workability collaterals that are needed can be established on a single system.

Usability The system is usable on the structural difference where the activities can be improved with the potential setups and components provided. Any type of references that are required to be established can be properly acknowledged and used. Any type of organization can have a preference setting for the system and they can acknowledge there were provisions with proper applications and usability

Legal

Legal considerations are required to be provided as multiple types of approach and different types of business admires will be utilized in the system. All the potential working information should be outlined and should be provided so that proper working strategy can be established

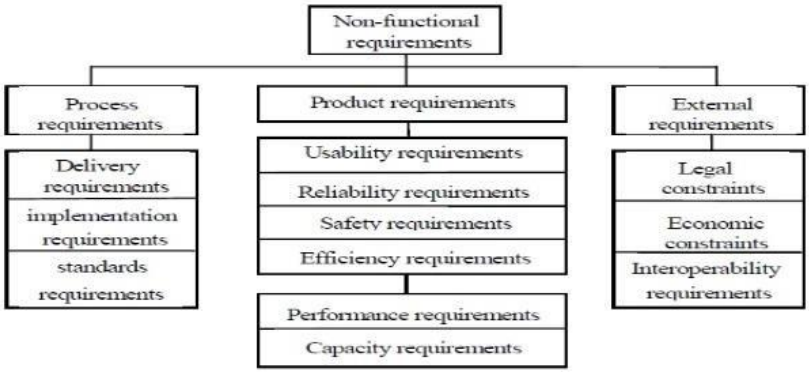


Fig -3.2.1 The above diagram shows different categories of non-functional

Robust

System is robust in nature and detail categorized working issues can be sorted in the real time. Notifications and different types of fraction working control are provided. The users will find the workability easier because all types of decisive information will be provided through the distributed working references

Documentation

Documentations will be associated as we require that all types of synergic information related to different types of security and related to different types of analytics can be properly accomplished. The system is also associated with different types of tool distribution where we have to provide the desire references acknowledgements so that the usage of the tools can be properly established

SYSTEMS DESIGN AND ANALYSIS

CHAPTER 4

SYSTEMS DESIGN AND ANALYSIS

System perception

Architecture diagram

Architecture diagram shows all types of architectural display individualized format for the viewer so that all associated information can be checked at a glance. The referential details can be acknowledged by seeing the architectural drawing

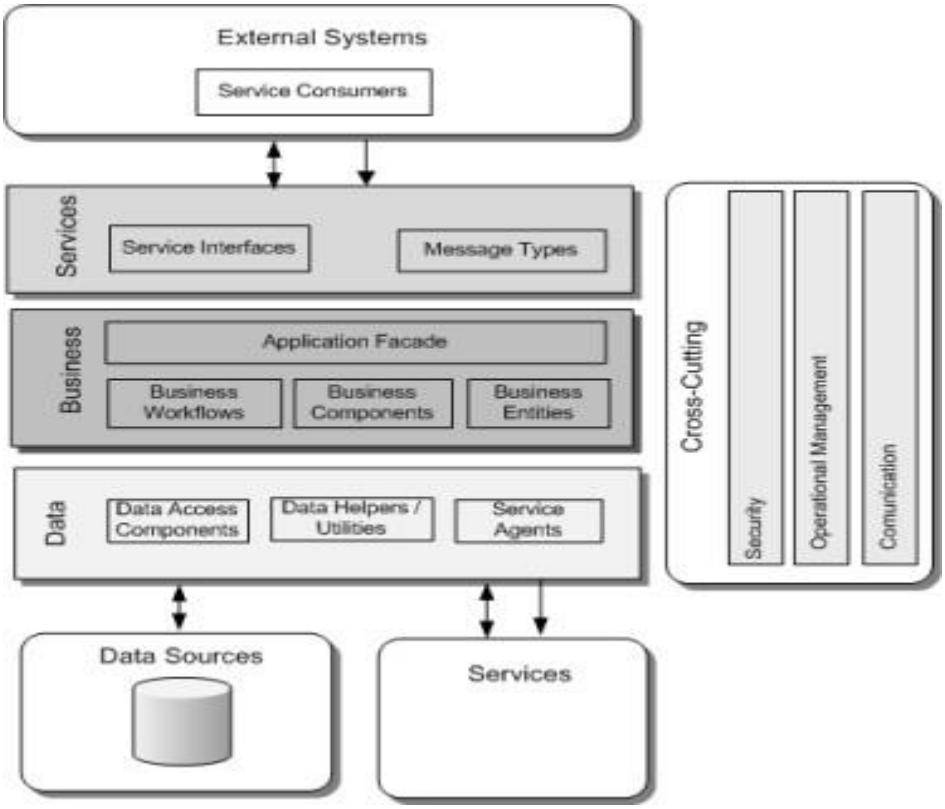


Fig4.1.2

Package diagram

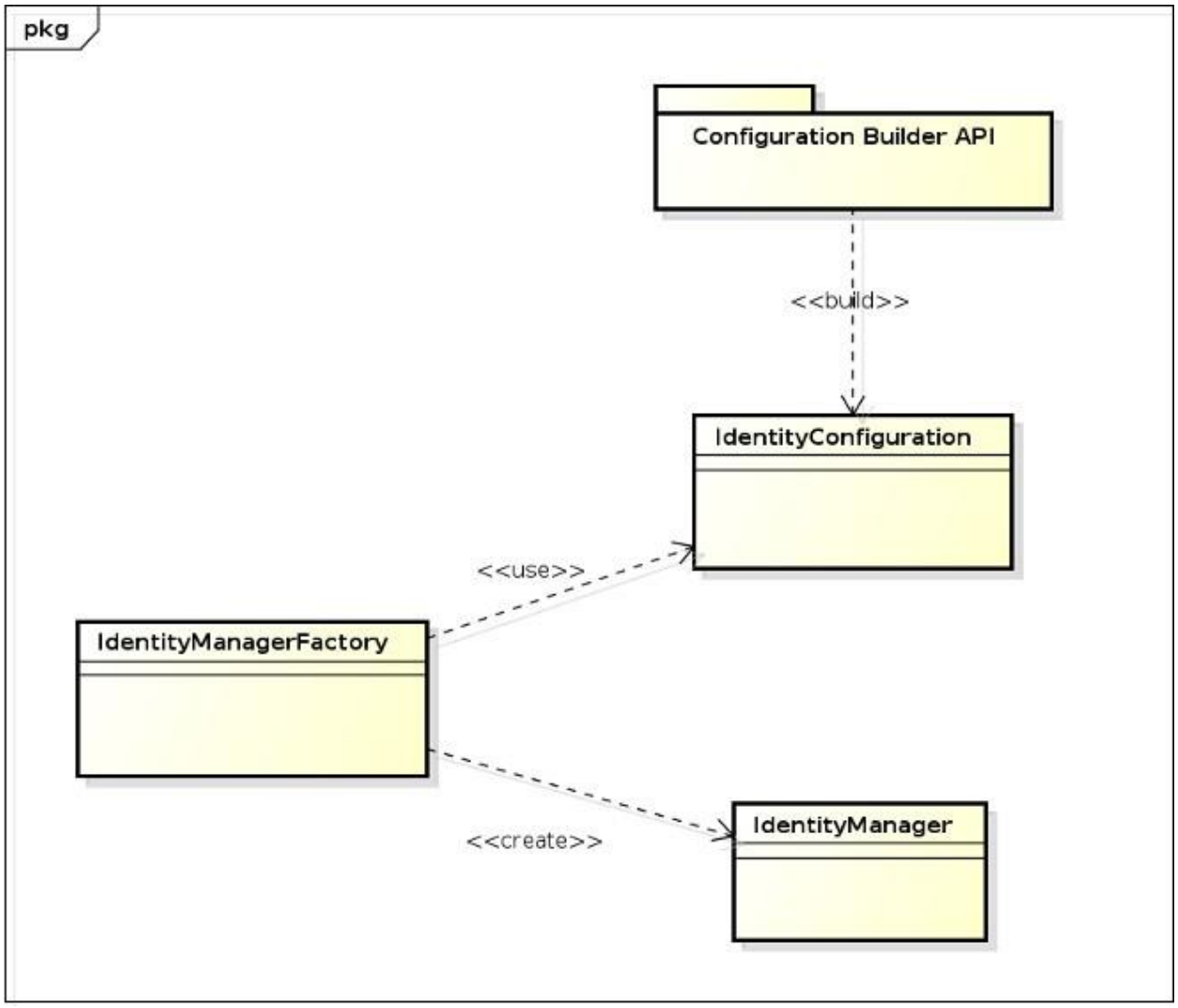
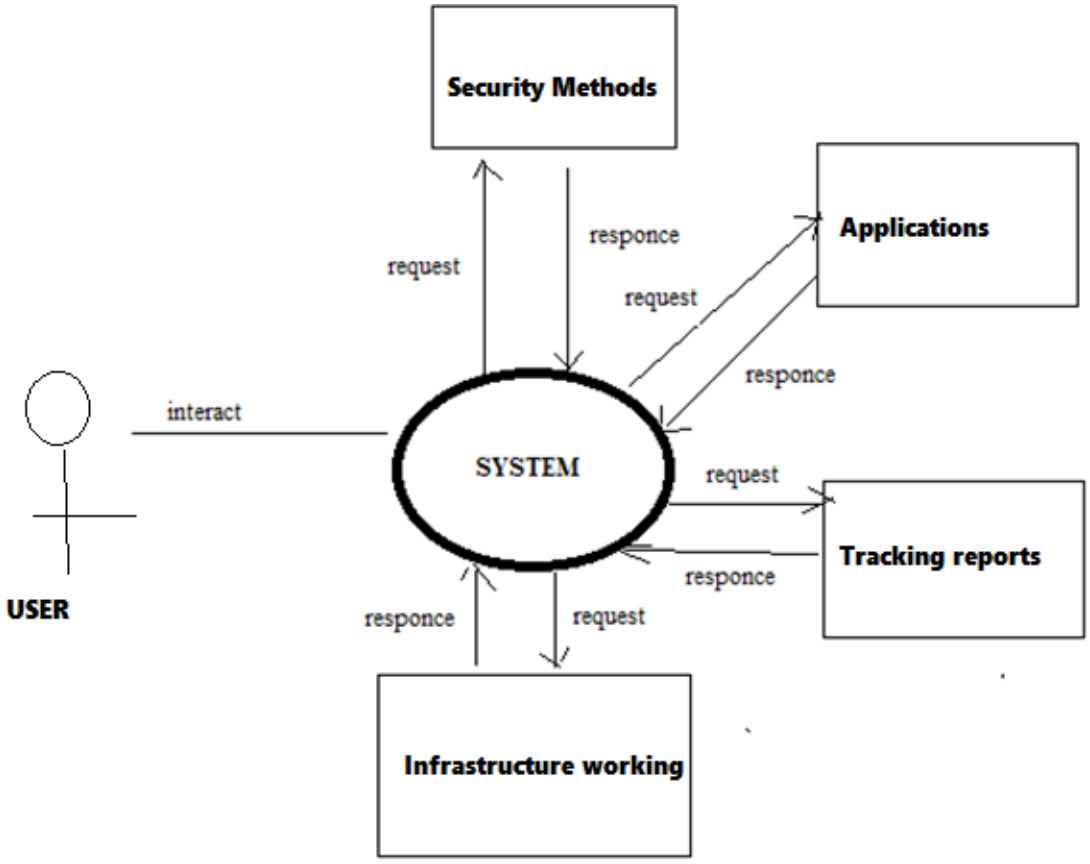


Fig4.1.3

Context Diagrams

Context diagram

Context diagram can help the stakeholders and analysts to understand the context of the system which is been designed without any technical knowledge



Context diagram

Fig 4.2.1

Data flow diagrams

The information flow for different types of identities where the outputs and inputs are required to be established is done with the help of data flow figure

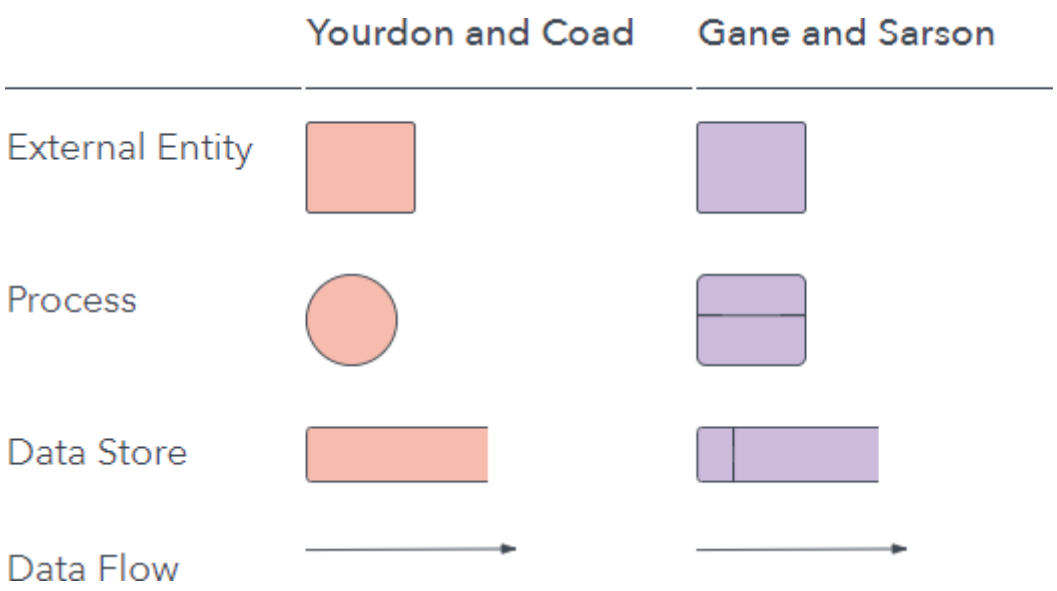
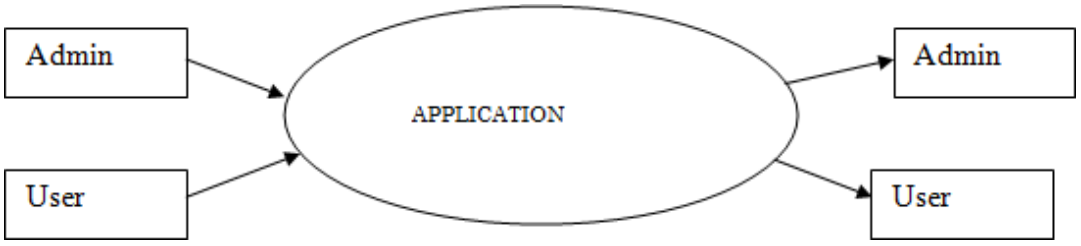
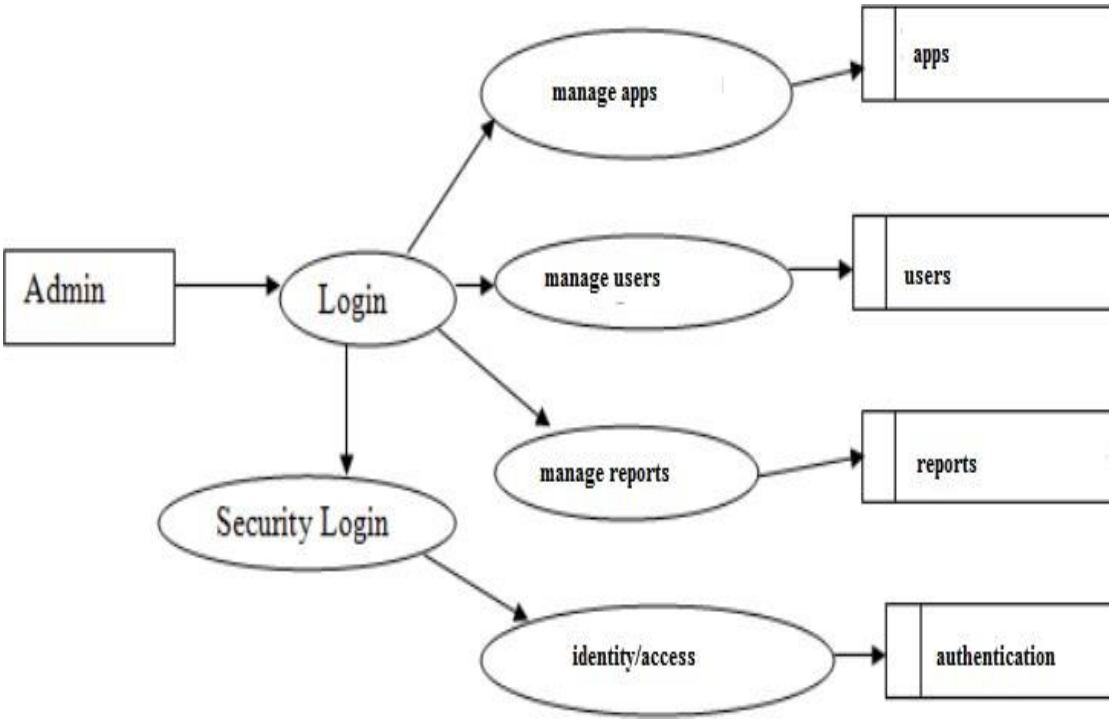


Fig 4.2.2



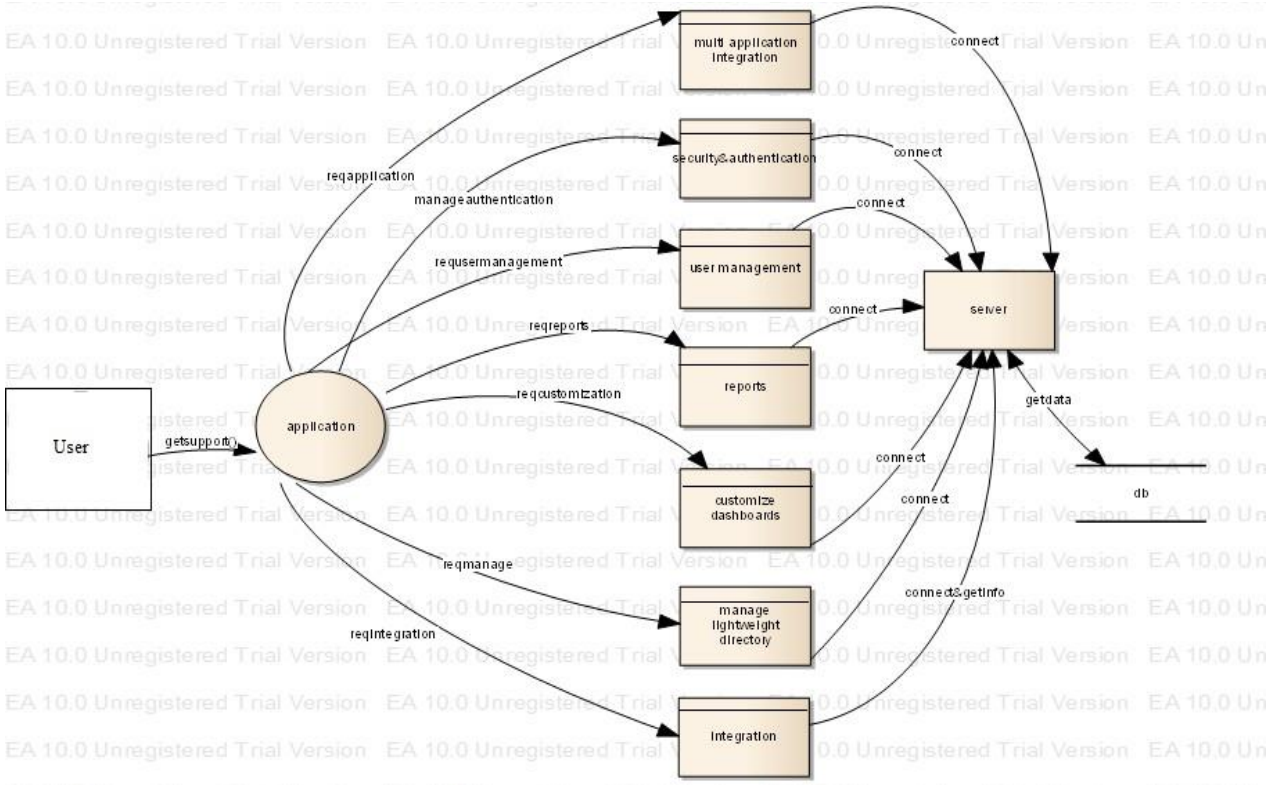
Level-o dfd

diagram Fig 4.2.3



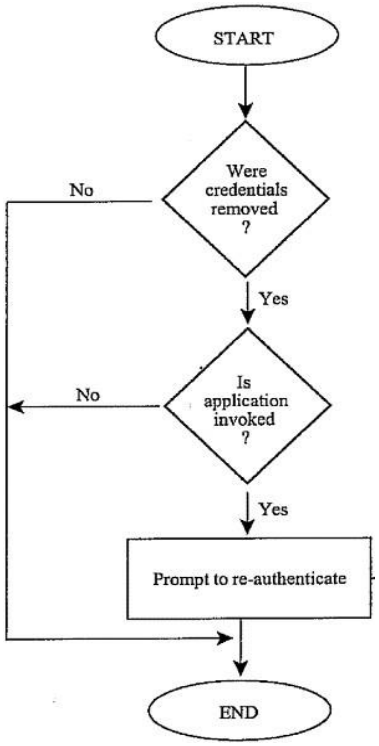
DFD diagram

Fig 4.2.4



Flow chart

Fig 4.2.5



SSO flow chart

Fig 4.2.6

DETAILED DESIGN

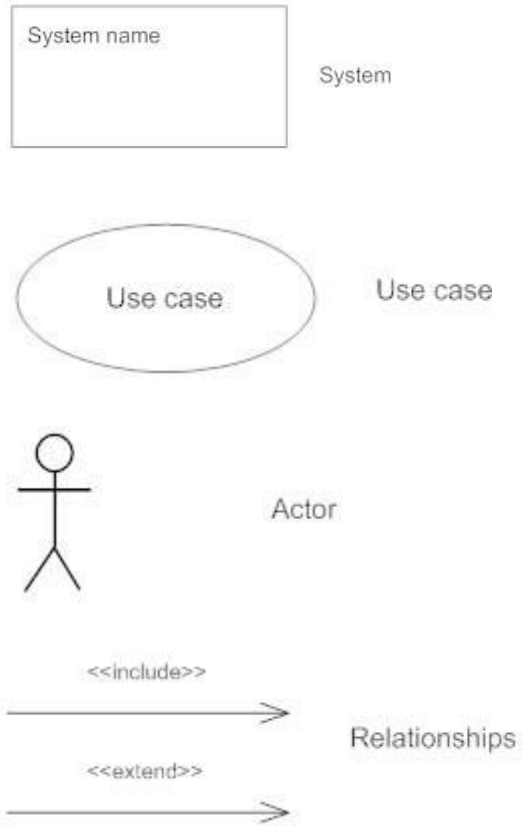
CHAPTER 5

DETAILED DESIGN

USE CASE DIAGRAM

Use case diagram

Use case diagram shows all types of interactions and relationships linking the user and dissimilar types of use cases where the user is mixed up for the referential usage.



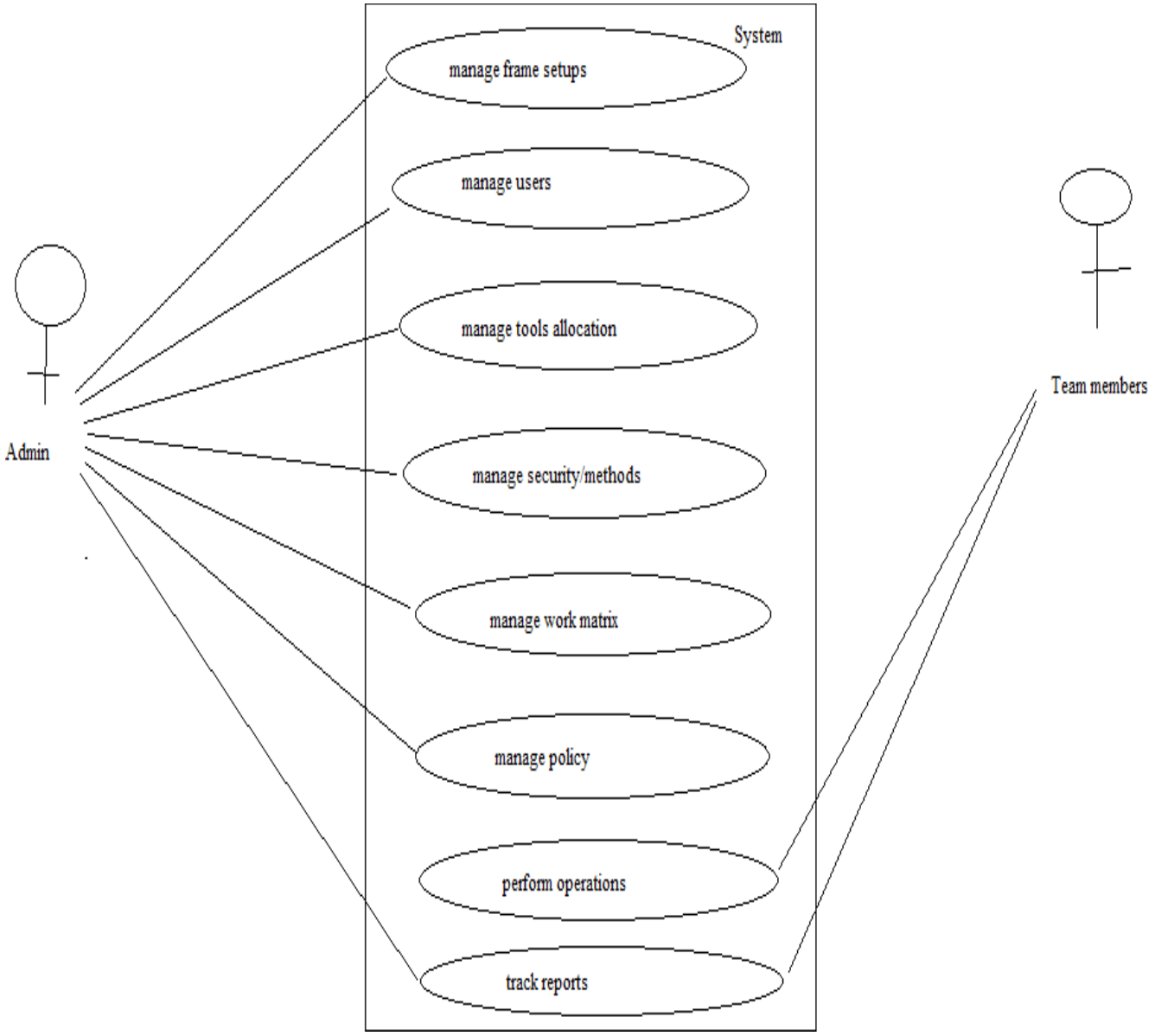


Fig 5.1.1 Use case diagram

Sequence Diagram

Sequence diagram

Sequence diagram is associated with different types of arrangements based on objects interaction in a time sequence. Sequence diagram also shows the referential message exchange between the objects needs to carry out the function of the scenario which is undertaken

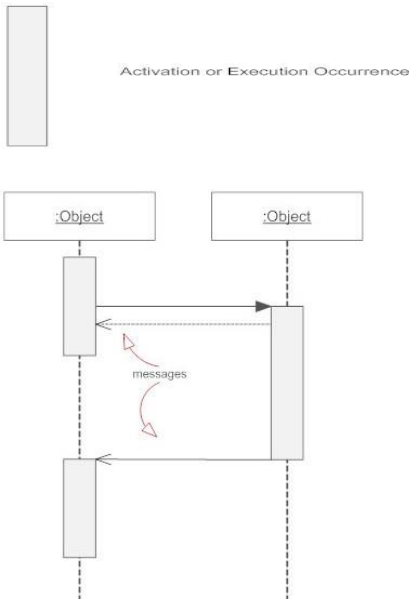


Fig 5.2.1

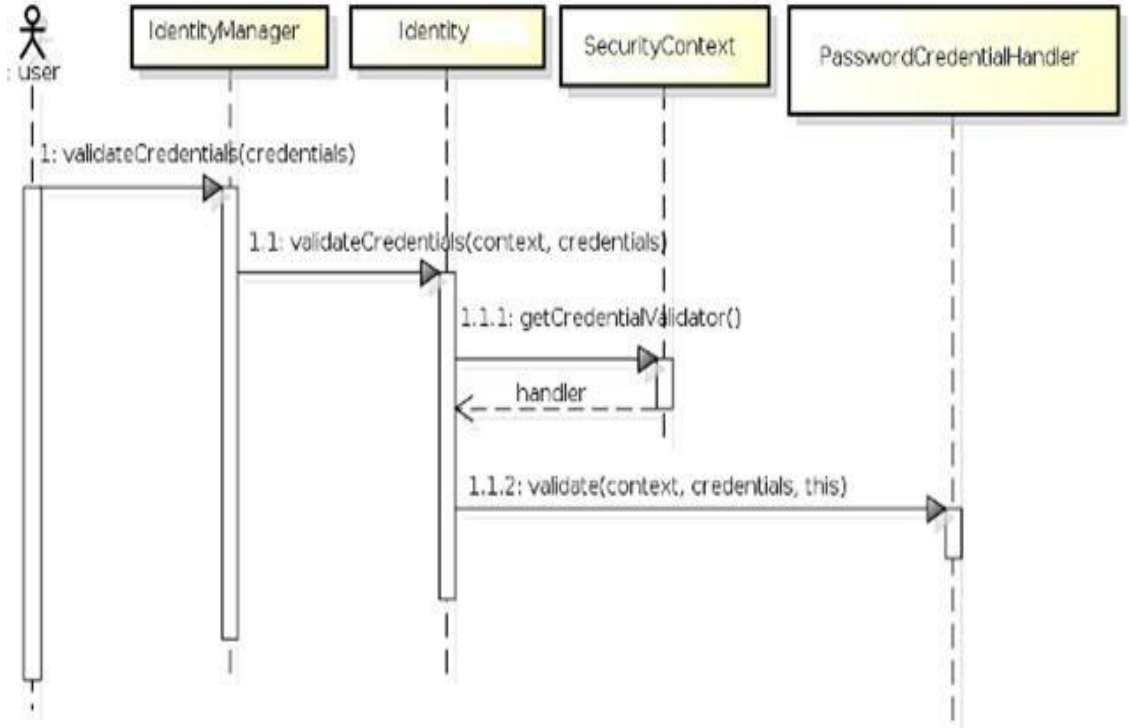


Fig 5.2.2 Sequence for validation

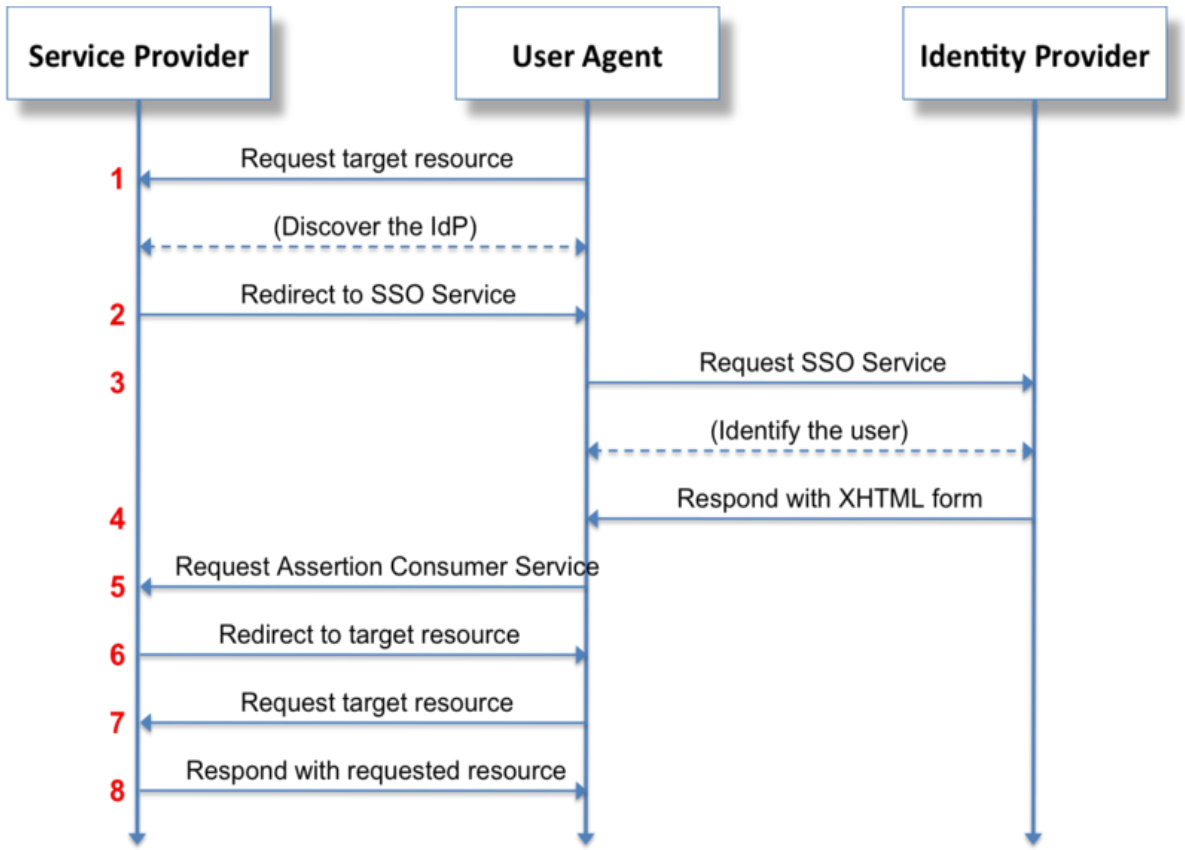


Fig 5.2.3 SAML Use Case

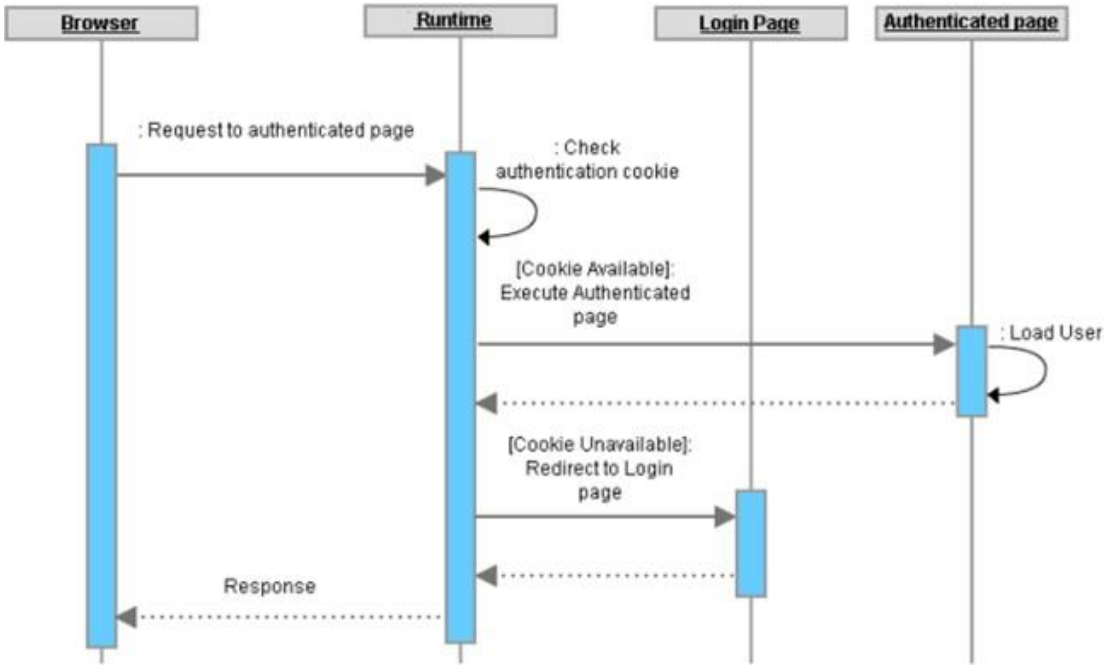


Fig 5.2.4 Sequence for form authentication

Activity Diagrams

Activity diagrams

It is design to know the flow of one activity; multiple sequential branches are related so that all types of flow control can be defined between the elements

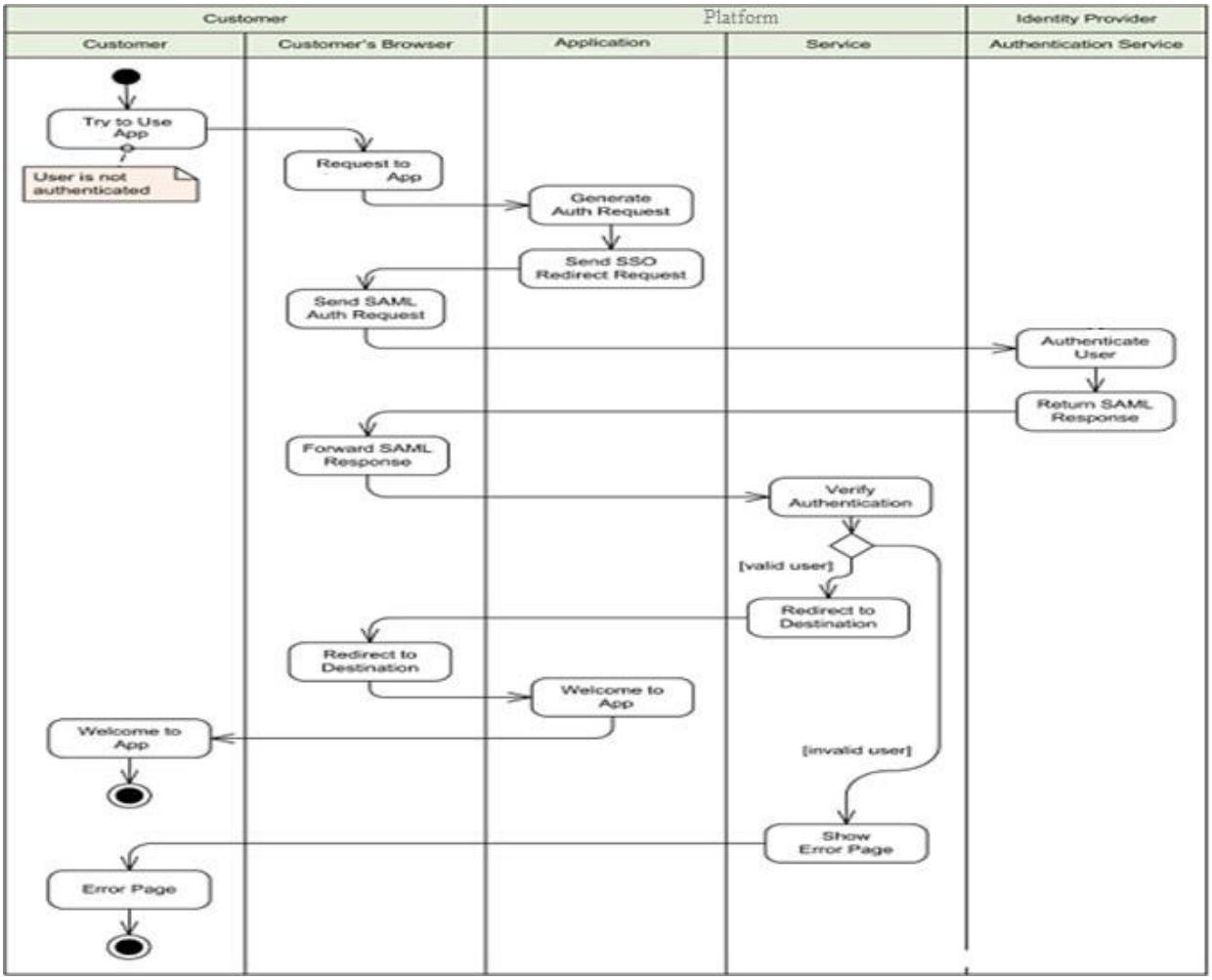


Fig 5.3.1 Activity diagram

Class diagram

.Diagram of the main building block of object leaning modeling.

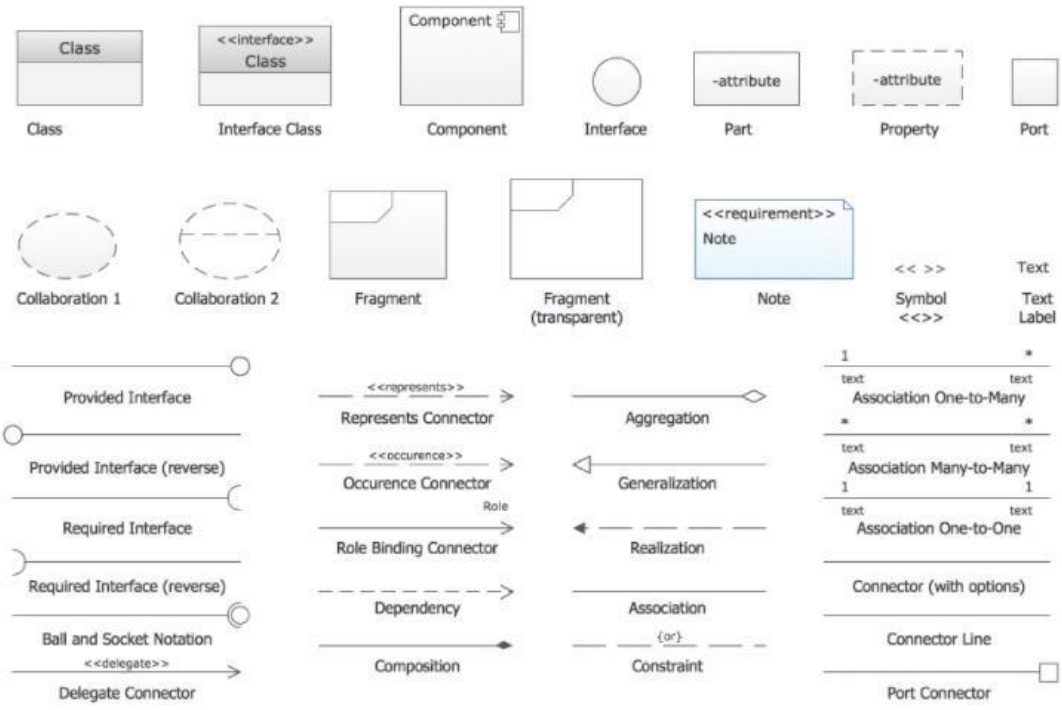


Fig 5.3.2

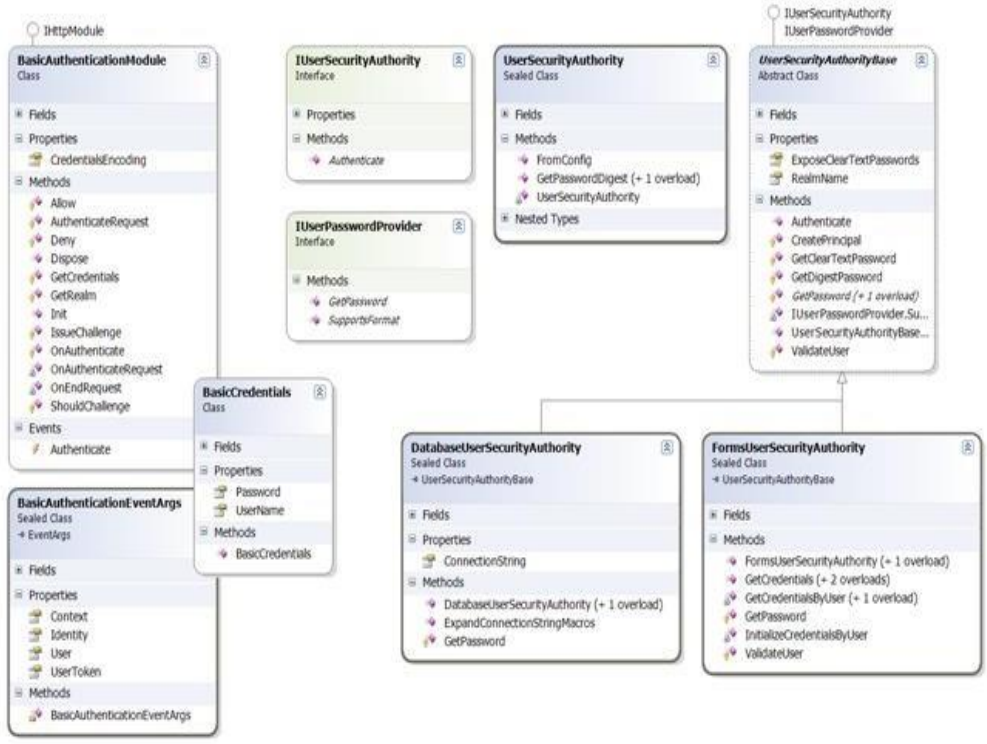


Fig 5.3.3Class diagram

Schema Diagrams

The schema diagram describes the database design and the view of the tables. It gives the description of the attributes used in the data base designs.

5.5.1 E-R Diagrams

Entity relationship model

It is model is a high level theoretical model which helps us to examine data supplies and it is helpful for well-designed database

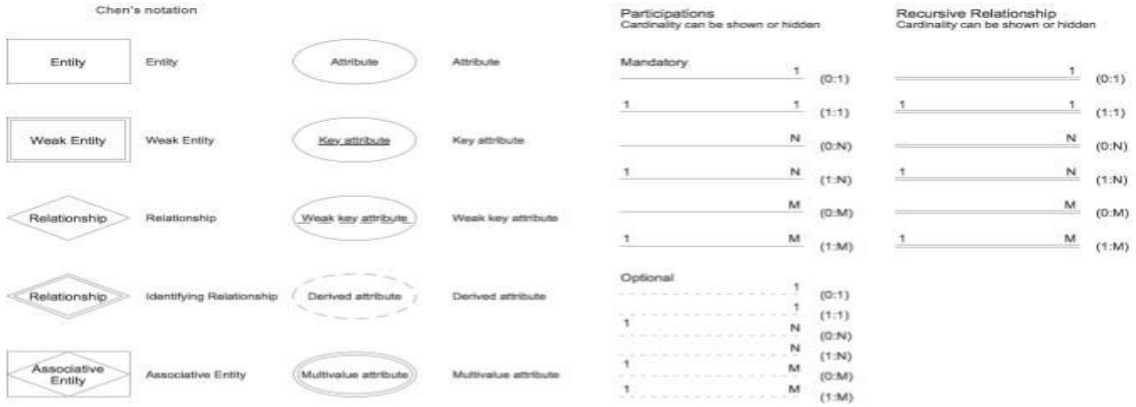


Fig 5.5.1.2

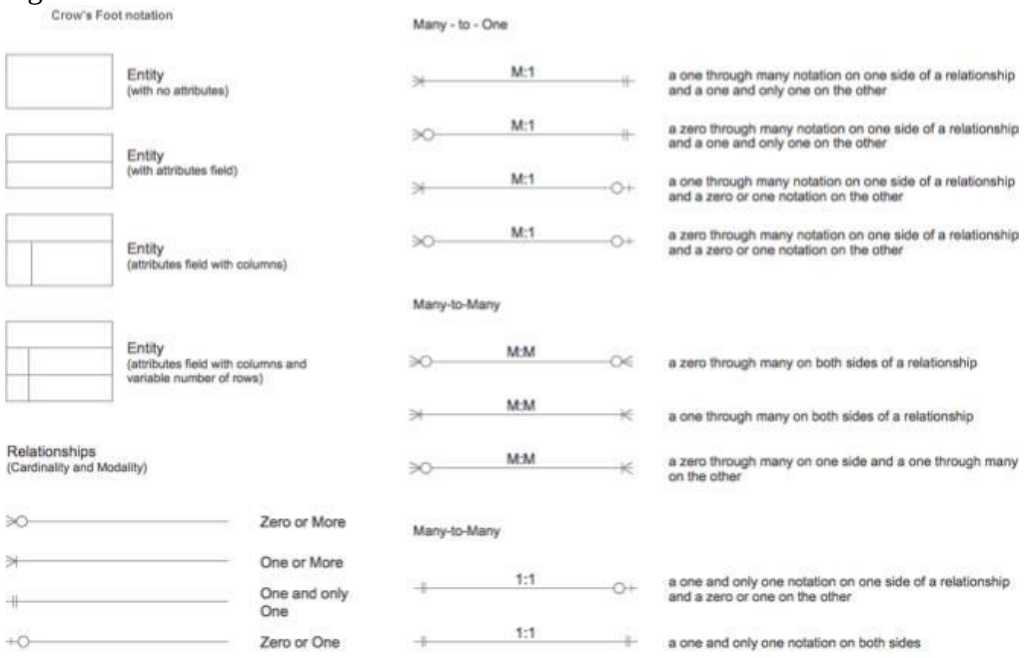


Fig 5.5.1.3

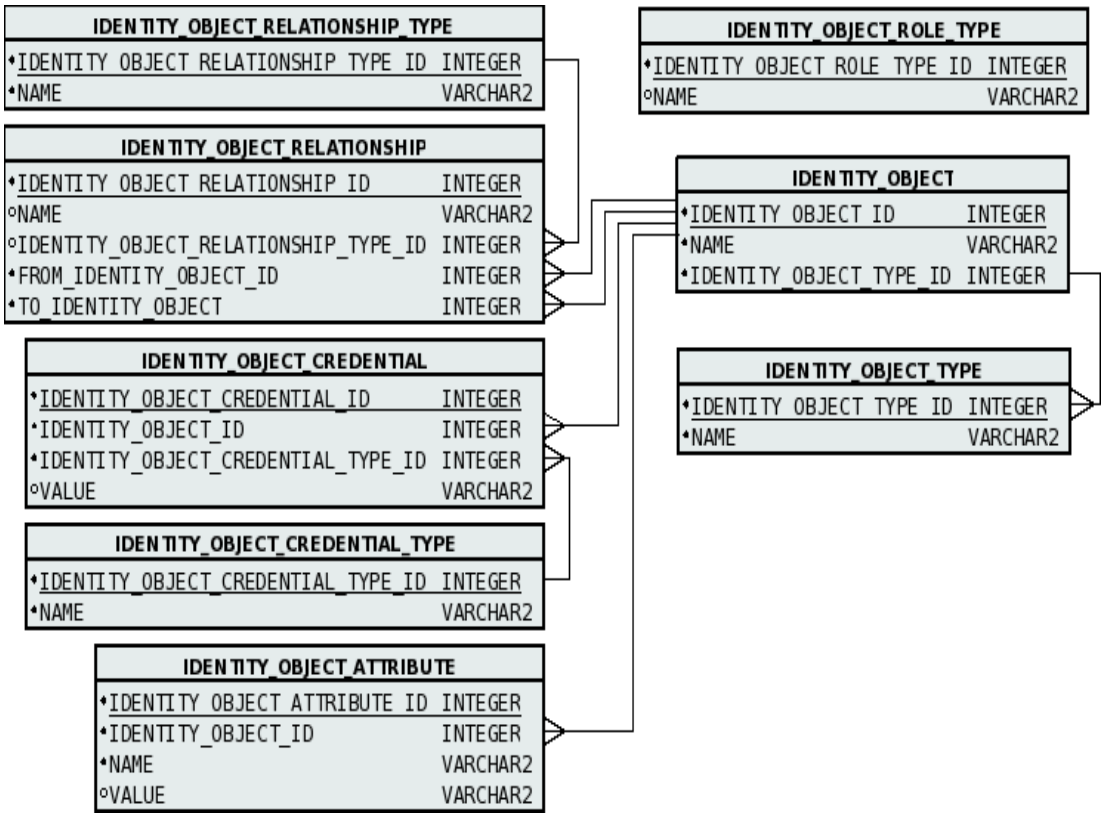


Fig 5.5.1.4 ER diagram

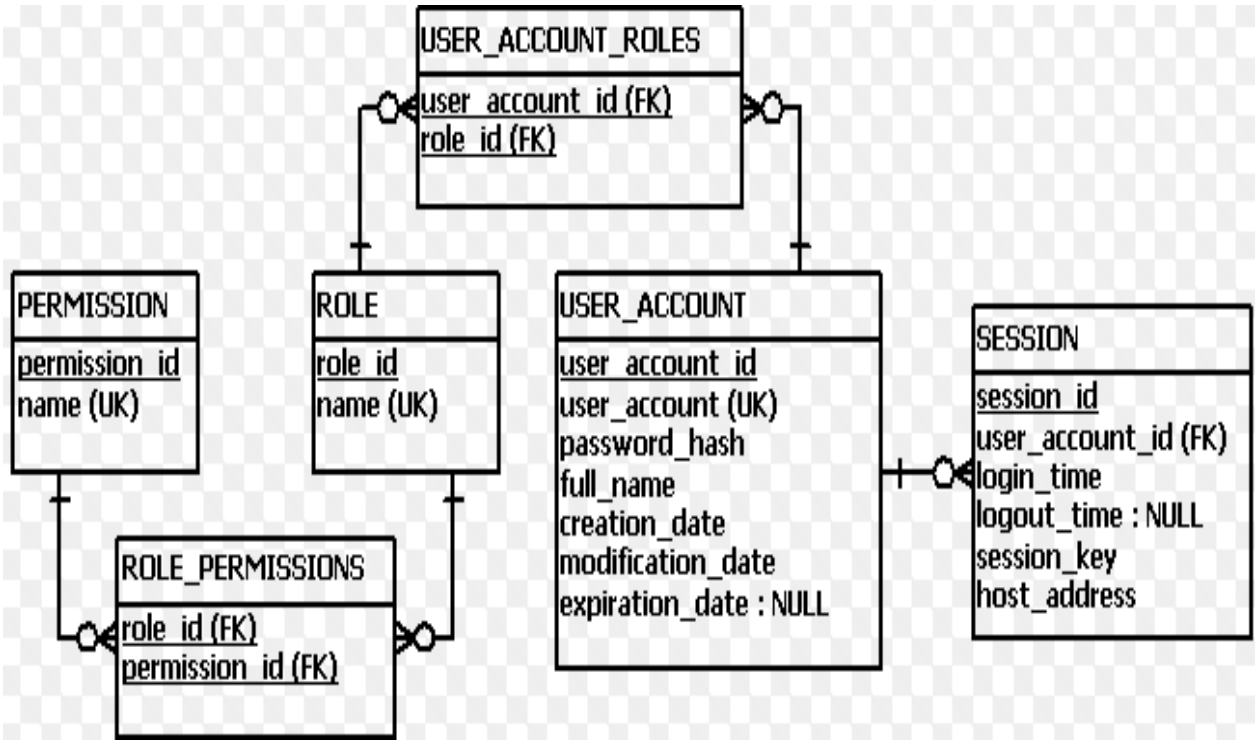


Fig 5.5.1.5

IMPLEMENTATION

Chapter 6

IMPLEMENTATION

Screenshot

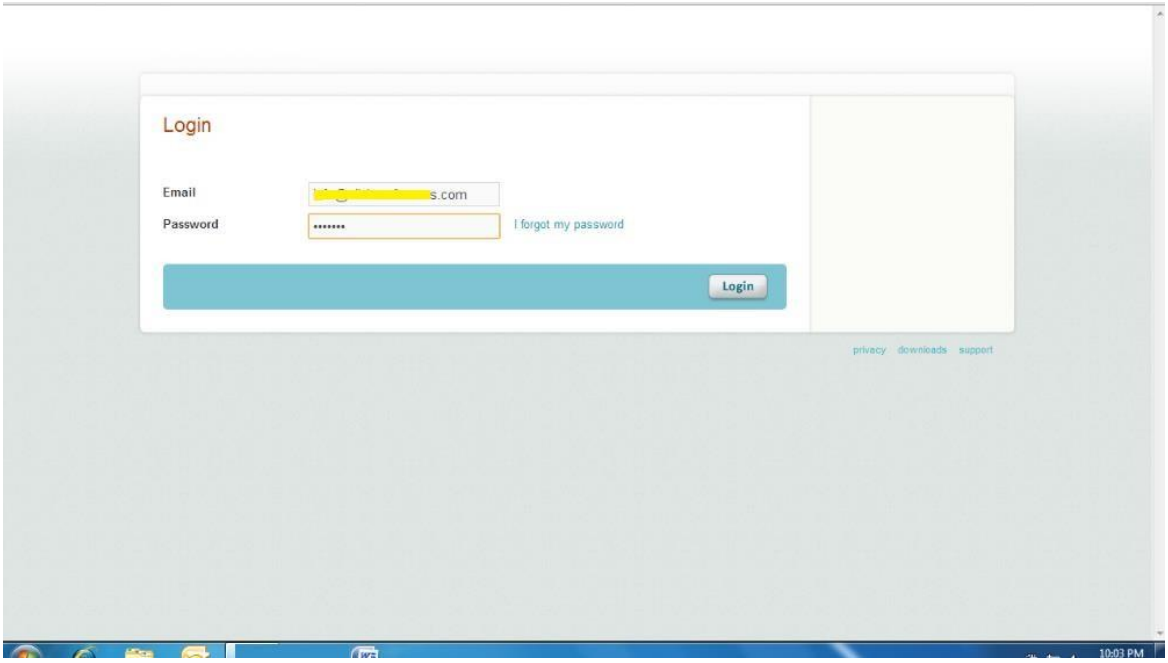


Fig 6.1.1 Login reference provided

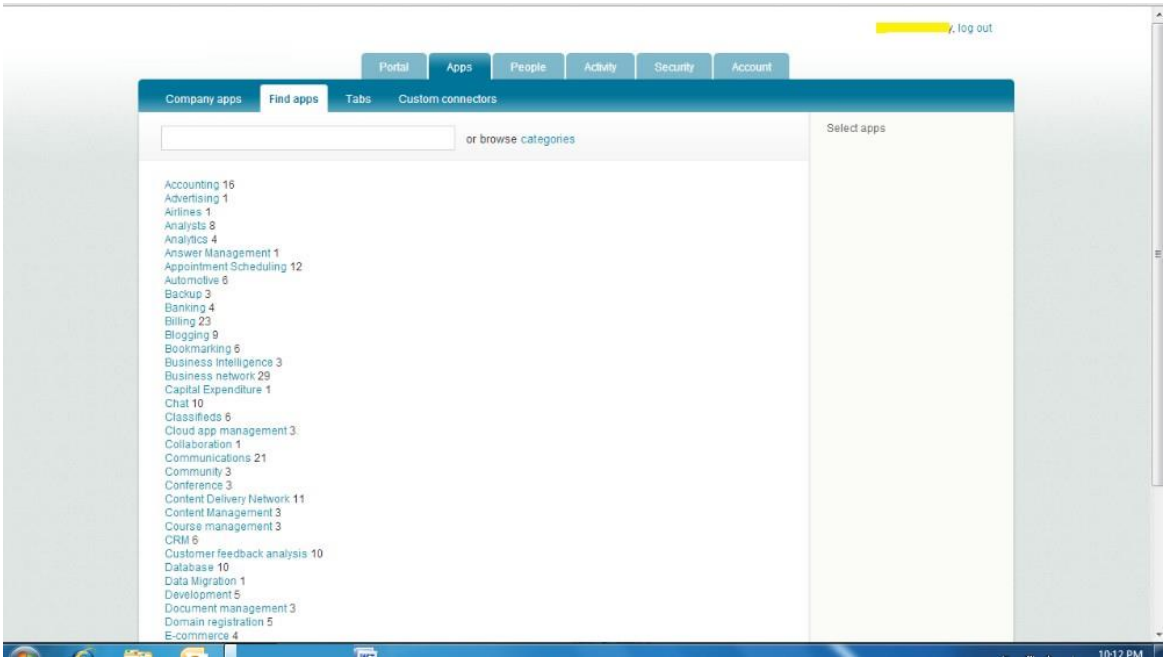


Fig 6.1.2 Various applications are available

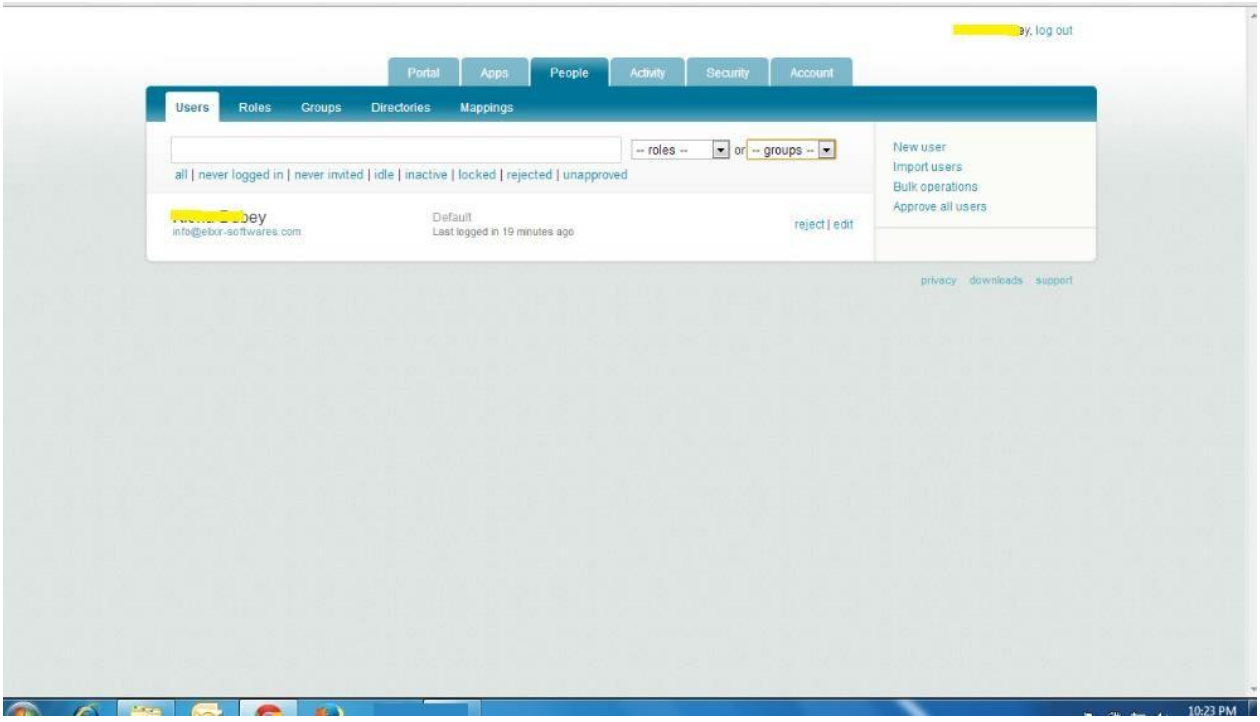


Fig 6.1.3 User management

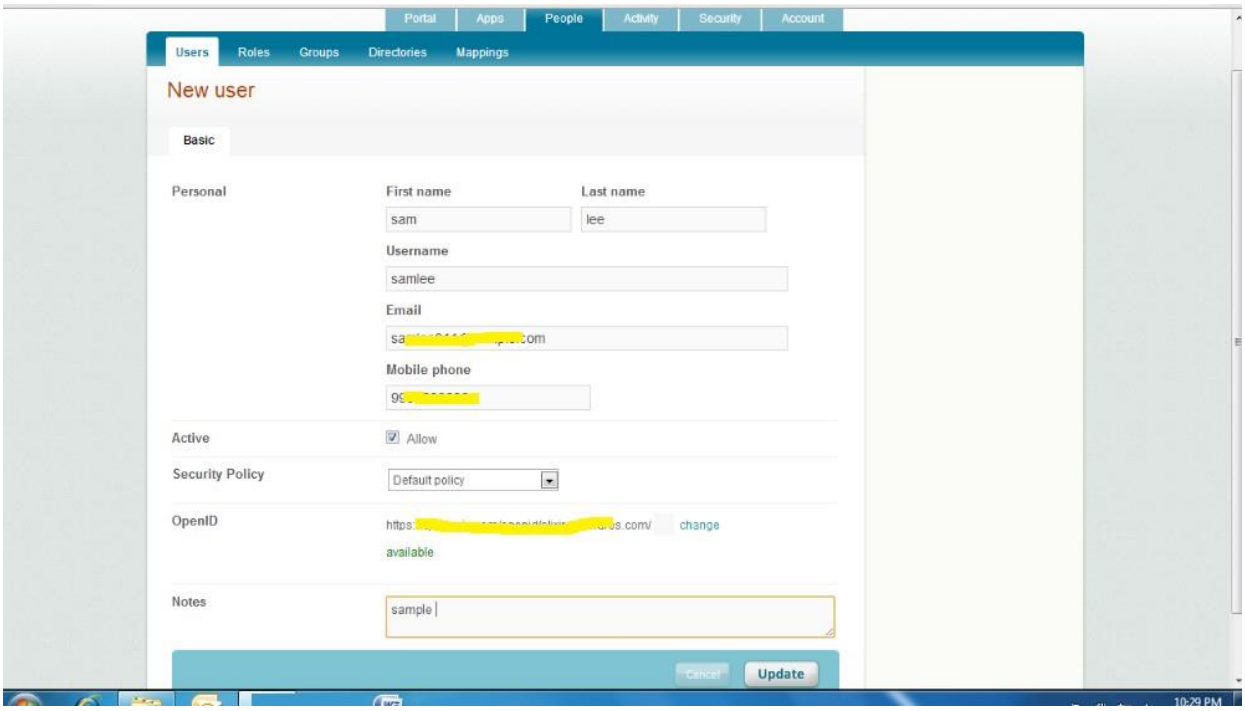


Fig 6.1.4 User added

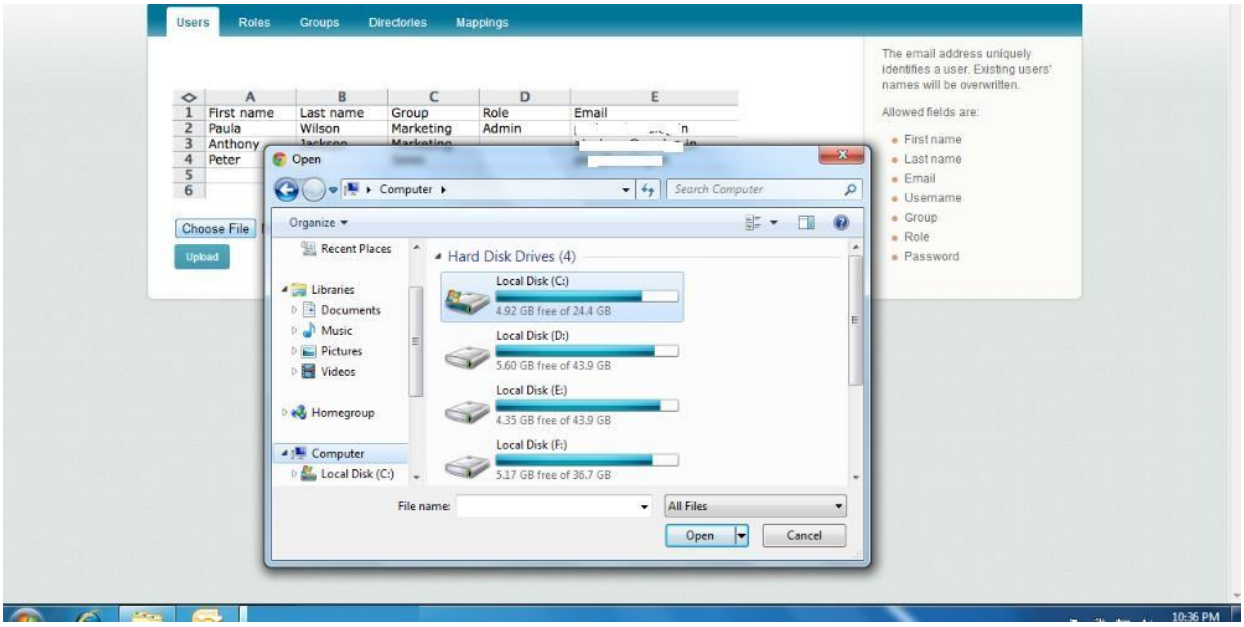


Fig 6.1.5 Add bulk users

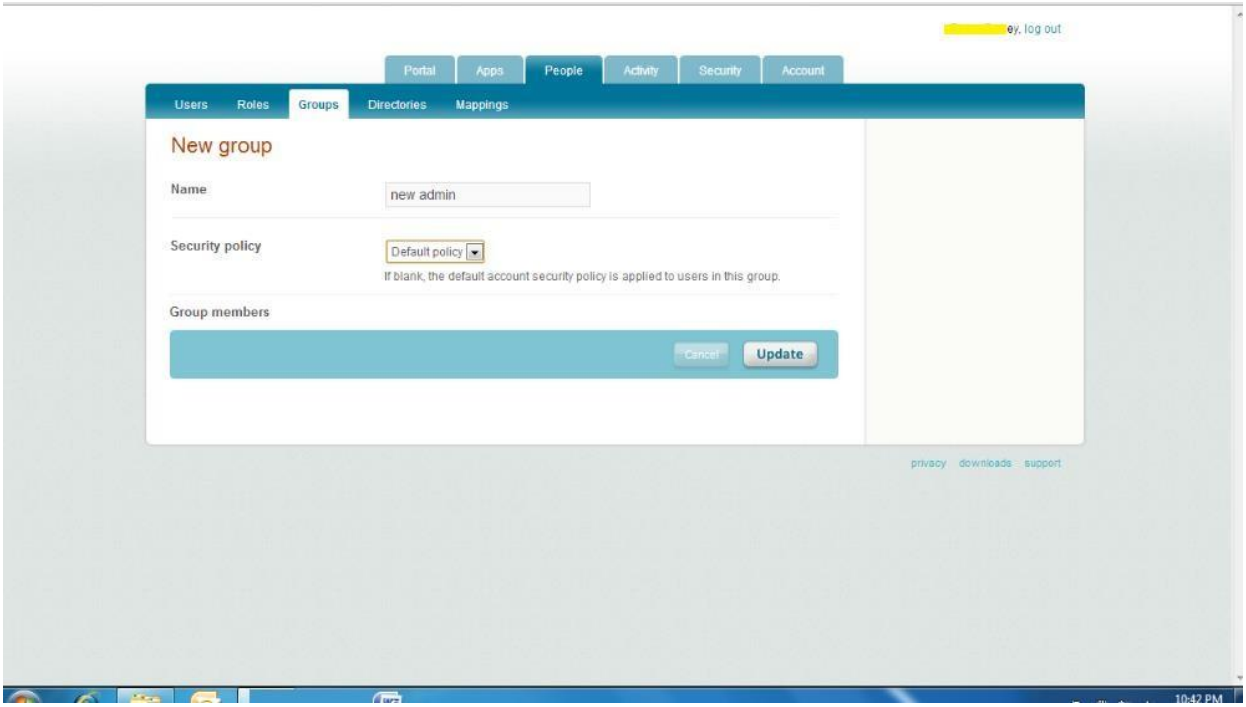


Fig 6.1.6 New group added

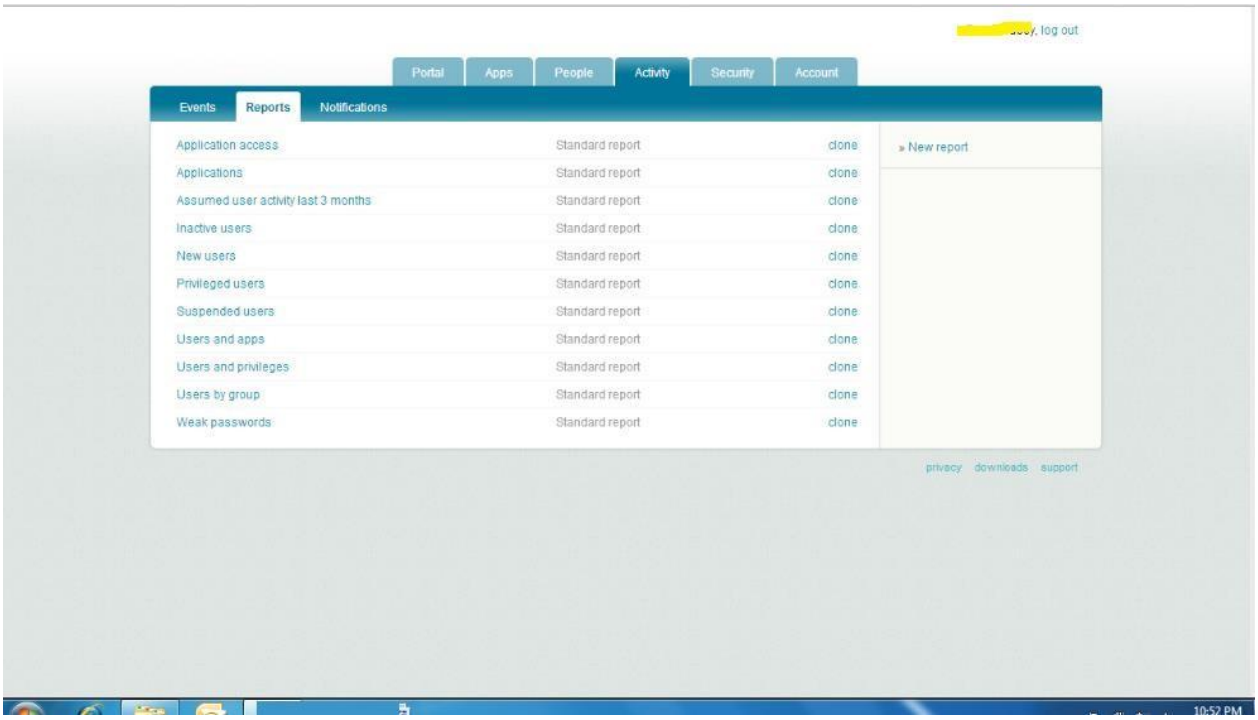


Fig 6.1.7 Different types of reports

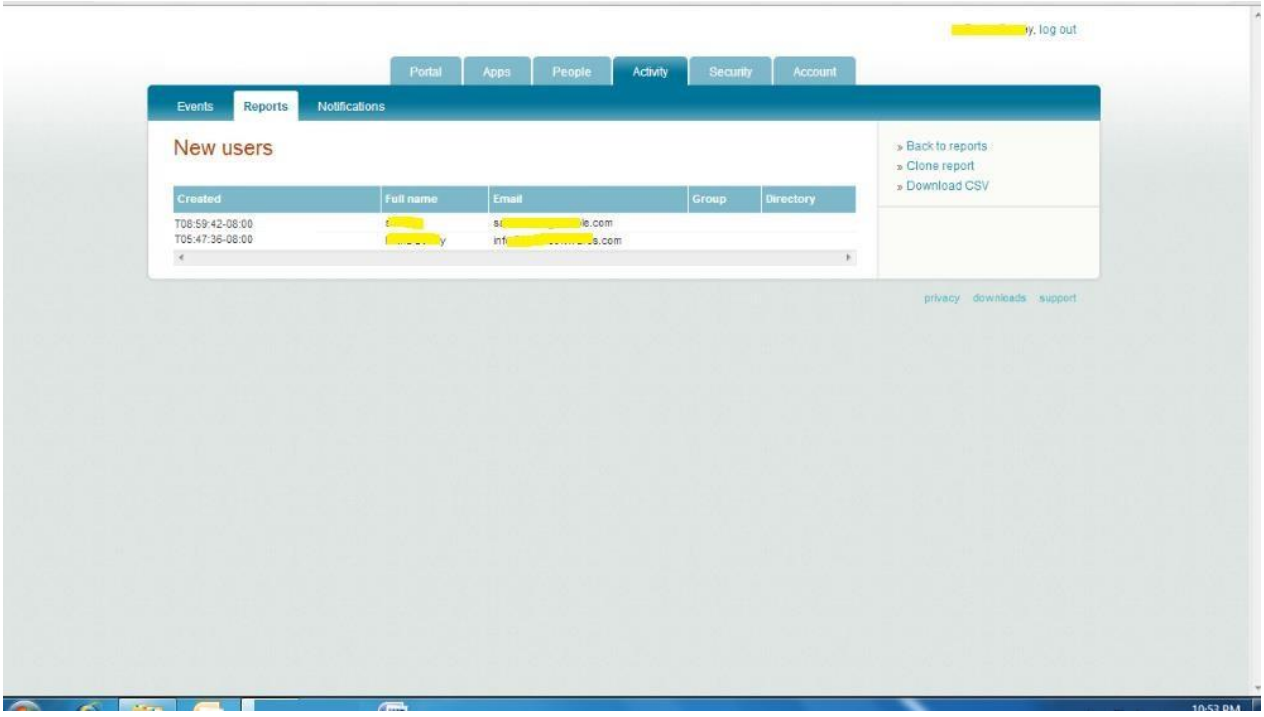


Fig 6.1.8 Users report generated

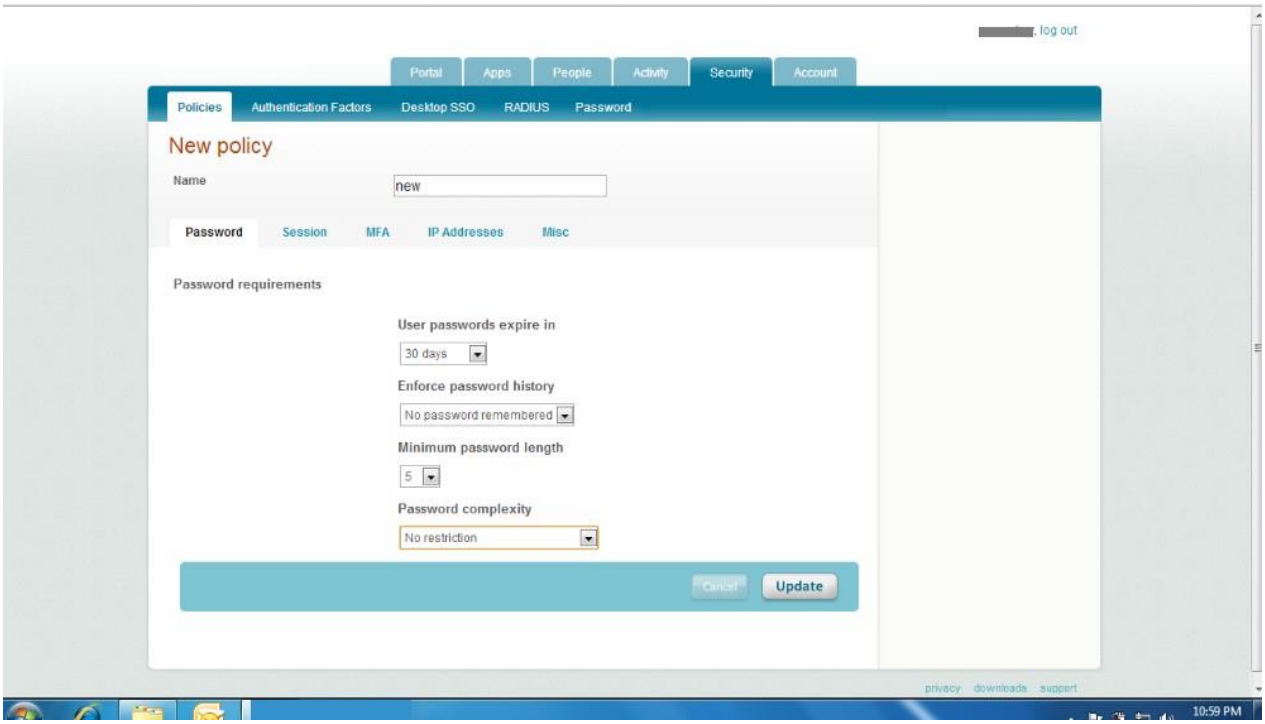


Fig 6.1.9 Policy allocation

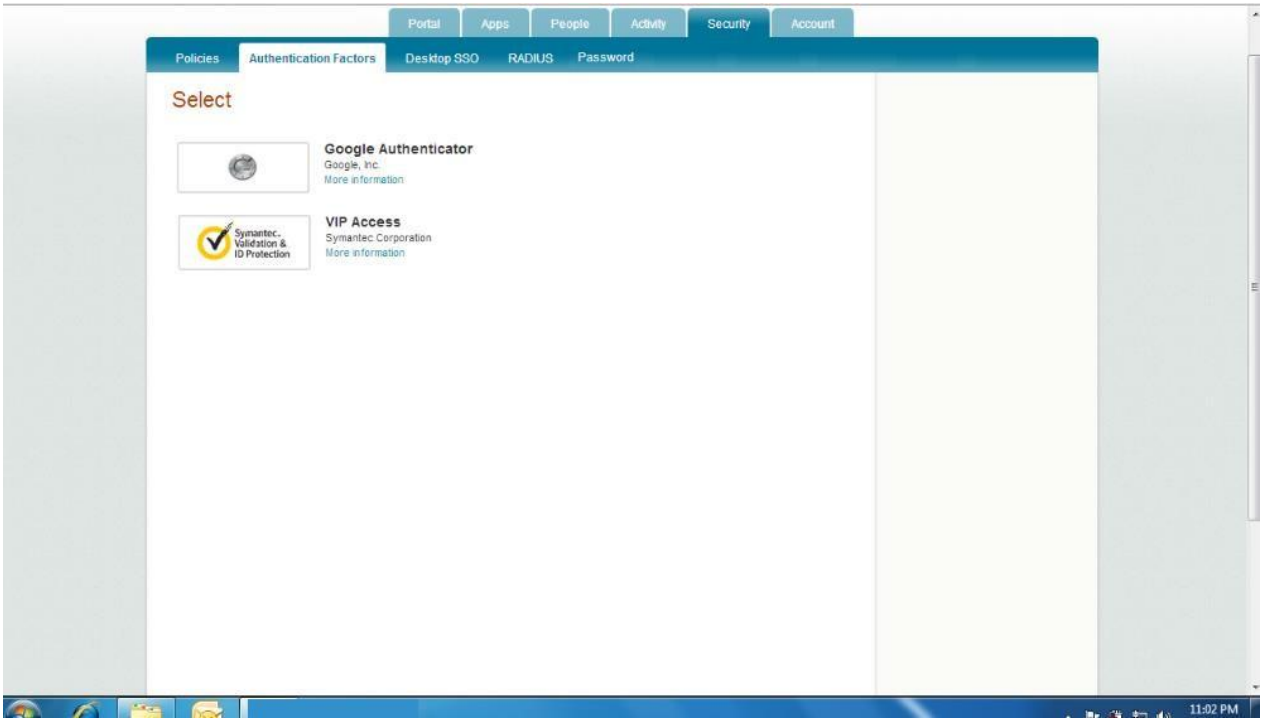


Fig 6.1.10 Factors

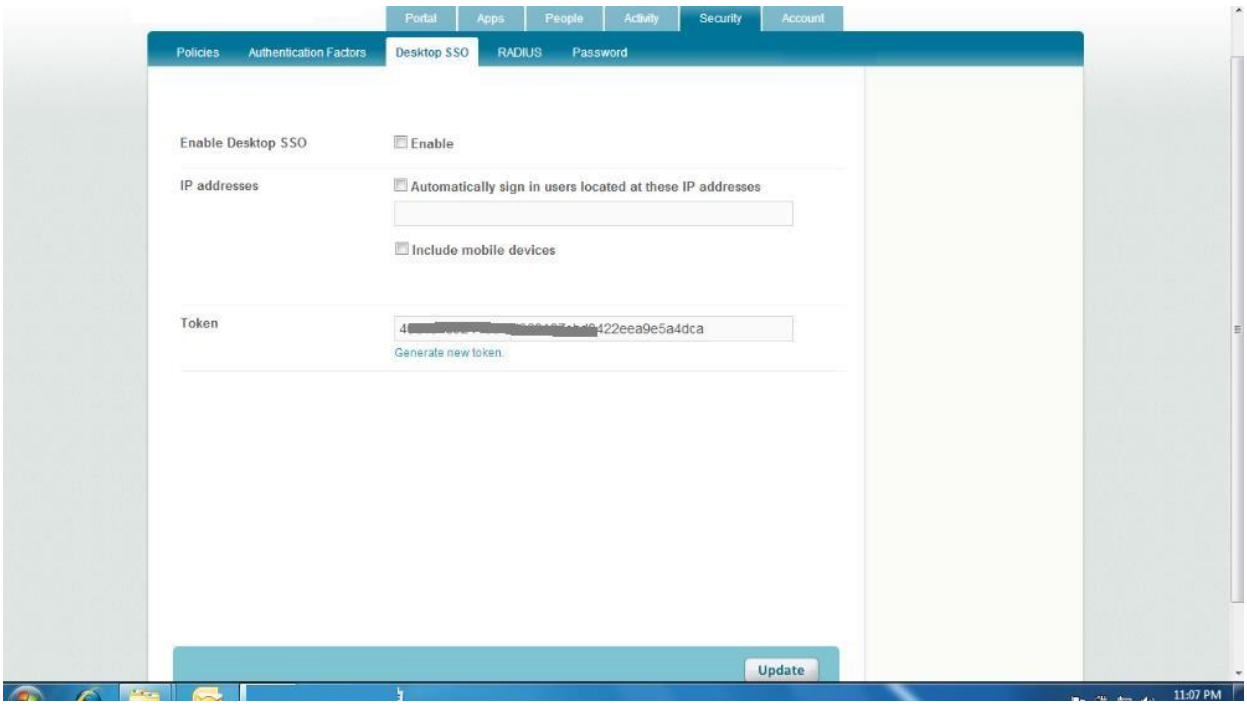


Fig 6.1.11 Single sign on authentication link generation

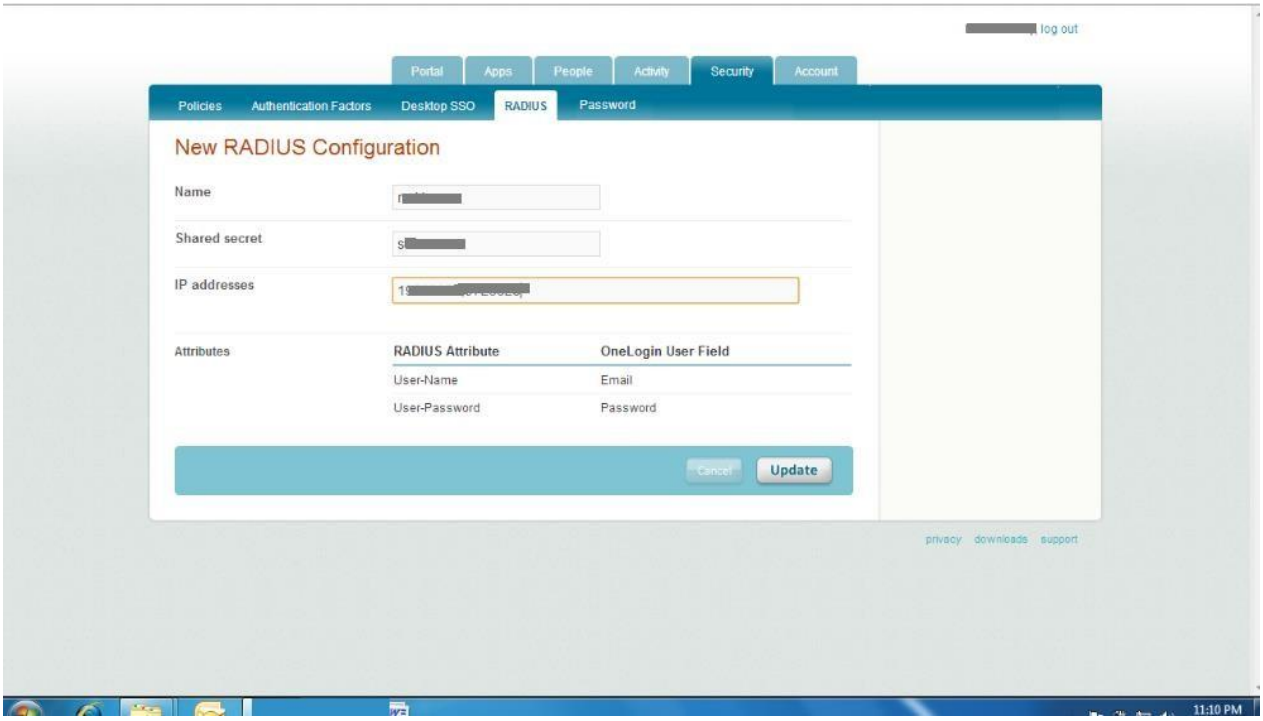


Fig 6.1.12 Wireless security setuos

SOFTWARE TESTING

CHAPTER 7

SOFTWARE TESTING

Software testing

We have to acknowledge different types of testing processes which are related with the system so collaborated-working between the developers and between the testing departments will be undertaken. Software testing is helpful because we have to check all methodological implementation and different types of policy formation so that we can understand that when the users are customizing the references it works properly and it implements in the same fashion it has to be. The considerations of the factor security methodologies will be also checked because multiple types of factor considerations will be associated and we have to check that it works properly.

Acceptances it is important so we have to check that system works in different scenarios properly and it is accepted by different types of companies in different types of domain provisions. The references of the working should be acknowledged with proper consolidated provision so we will be checking all the control variations and setting variations. Software testing will help us even to maintain the quality because when properly checked it will provide optimal working to the clients. Different types of testing mechanism are incorporated this will be helpful to us all the features properly and more quality references can be checked and this will help us to affiliate the scope of the system in more advanced way. Inclusive references are undertaken and even it will be documented.Software testing will help us to check in real time the factorial references that are provided and this will help us to have a more comprehensive design for the service provision.

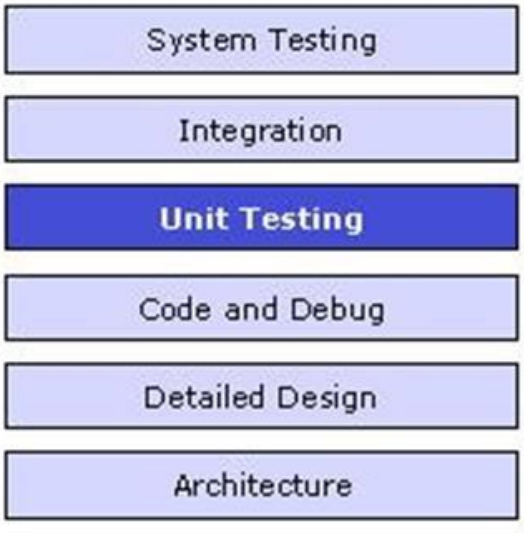


Figure- 7.1.1

Details of components shown

Unit testing

We have to established the unit testing because system is divided and is related with different types of structuring so that each and every frame and each and every option that is provided will be checked first individually

The considerations of different types of related accomplishments will be undertaken where we have to revise that each and every option that is selected is redirected with detailed work understanding

Considerations of the required security will be also checked it will be undertaken for the reference of working

The systematic inclusion of different types of methodological catalogues that will be selected with individual perception will be checked

The references of the real-time reports that will be acknowledge will be also undertaken with consolidated work references

Systematic acknowledgement that is needed for the group integrations will be also undertaken as we have to check that all types of controlled activation can be performed

Automation testing

Automation references are important because we have to check the policy formulations in different scenarios so we will be established in a detail environment reference so that acknowledgements of the working can be properly referenced

The considerations of the Automation Testing will be performed with the help of Selenium software

Selenium software will provide all types of conditional usage of the functionalities in different types of perceptions with detailed reports which has to be properly referenced

Table 7.1.2

Test cases

Serial	Test-case	Test-Input	Results	Actual	Checked	Severity category
1	Admin control	Details added	Setups provided	Admin structuring provided	Pass	Critical
2	Tools linking	Selective	Setups provided	Details added and tools links designed	Pass	Critical
3	Teams and working	Details allocated	Details added	Teams and reference added	Pass	Critical
4	Security	Selective	Options selected	Operations provided	Pass	Critical
5	Tools	Selective	Settings allocated	Reference provided for tools setups	Pass	Critical
6	Work assignments	Inputs	Details added	Implemented and notified	Pass	Major

7	Reports-established	Automated	Reference added	Details of reports added	Pass	Critical
8	Reference working policies	Details setups	Details of policies added	Details added and implemented	Pass	Critical

CONCLUSION

CHAPTER 8

CONCLUSION

Conclusion

We can conclude that the positioning for different types of cooperative engagements is properly associated with the system because we have utilized different types of security enhancement and we found that all the related utilities are properly supported. Multiple types of considerations of the security references were selected and have been acknowledged with individual perceptions with different types of settings and we have seen that all types of working were implemented. All types of referential possibilities in terms of the related user integrations and control was also provided within the system which was in reference to the workability so we can say that any amount of user can be extra to system and the defined workability can be controlled from a single system.

We have associated even the preferences of the information to tackle the information references for the decision making and found that all types of information references was properly established and provided. The considerations of the usability that is being provided for the impressive working based on different types of collaterals where acknowledged. We can conclude that all types of exploration in terms of security considerations are be properly oversight and all types of participation in terms of the related synchronized working is also reference as we have checked different types of viewpoint relate the workability and the accessibility. We can also conclude that all types of arrangements incorporated in such a way that proper objective of the business admires can be undertaken at the same time from different references of requirements. Multi considerations of the usability were maintained and we can say at the last that all types of characteristics that are required for the aligned working was supported through the platform.

FUTURE ENHANCEMENT

CHAPTER 9

Future Enhancement

Enhancement references are required to be accomplished because the system requires of potential workability sustainment or we can say that in the future also the companies can utilize the system properly according to their consideration so more references can be added. Some important considerations that has been acknowledge is listed as following -

Multi references of the methodological implementations can be checked so new techniques are required for the security variations can be added

Multiple tools that are required for different types of operations can be also added

The considerations of different references based on the reports that are provided can be added with some more variations of chart display

BIBLIOGRAPHY

CHAPTER 10

BIBLIOGRAPHY

BIBLOGRAPHY

- "The Arrival of Java 14!". Oracle. March 17, 2020. Retrieved March 17, 2020.
- "Binstock, Andrew (May 20, 2015). "Java's 20 Years of Innovation". March 18, 2016.

Website Referred

- www.wikipedia.com
- www.scribd.com
- www.microsoft.com
- www.google.com

USER MANUAL

Step 1:

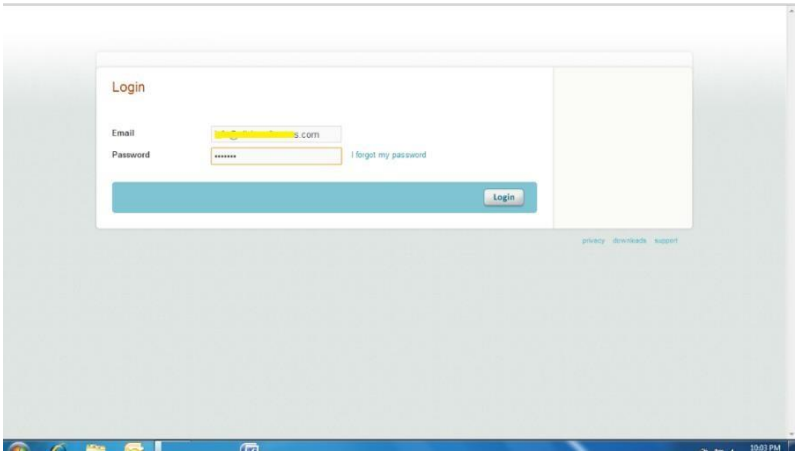


Fig 10.1.1 Login reference provided

The above picture allow user to register to the app with unique id and password

This is the first page of the all for new user

Enter email id and password of 6 digit for registration

Step 2 :

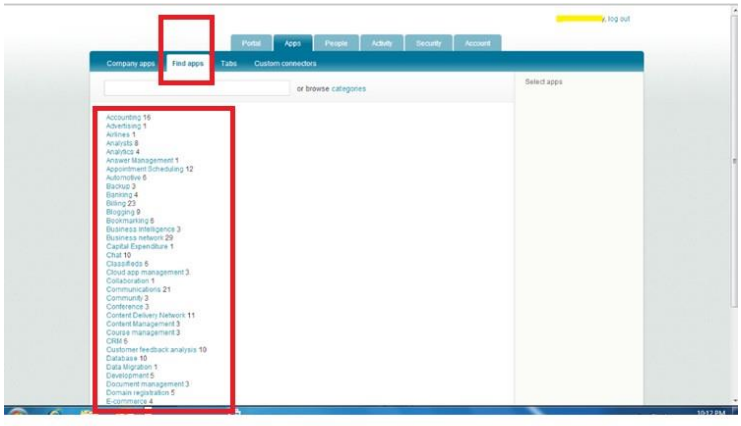


Fig 10.1.2 Various applications are available

This is the next activity after Registration

In this we can see that various applications are available

Step 3:

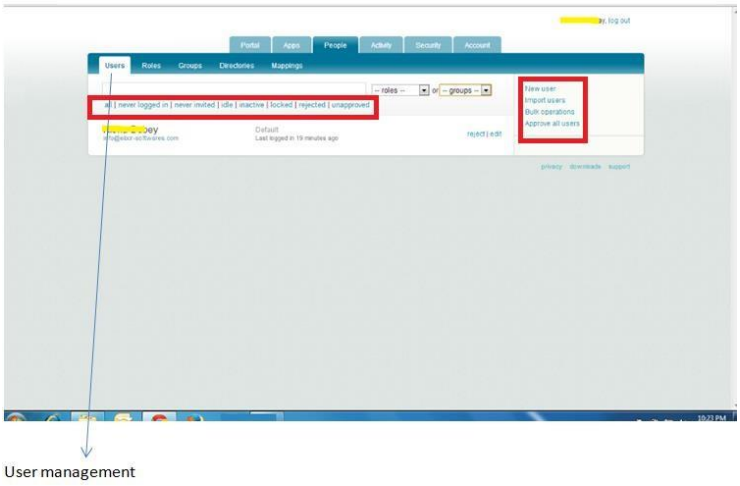


Fig 10.1.3 User management

This is the main activity of my page from here user can navigate any were in the app easily

In the users can add many bulk users

Step 4:

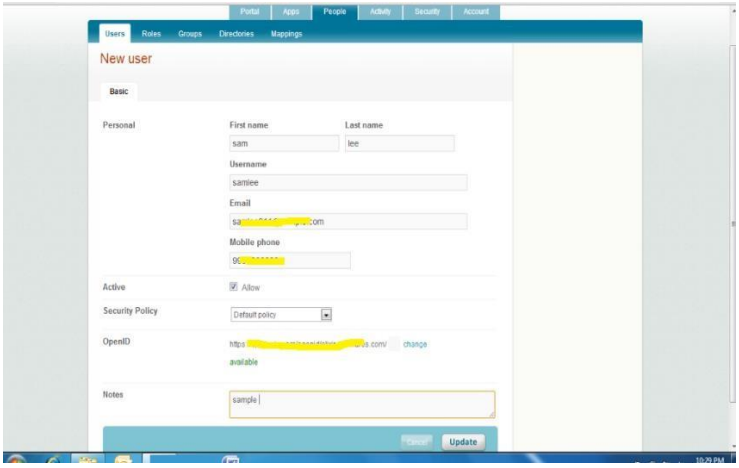


Fig 10.1.4 User added

In this the user can add man y bulk users

Now you can see that the user has added new user

Step 5:

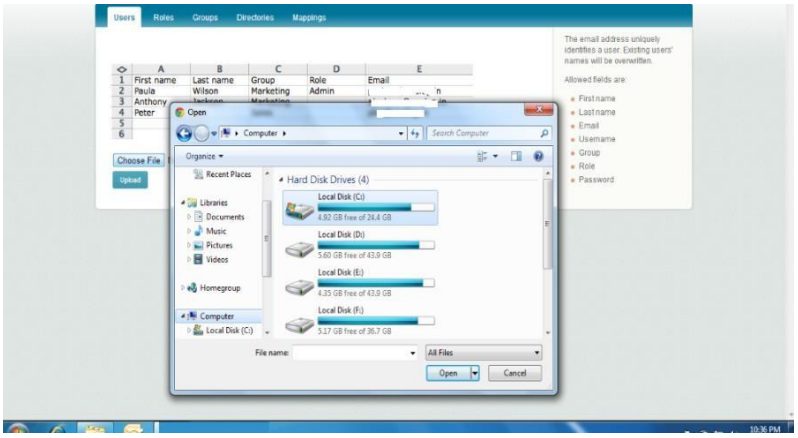
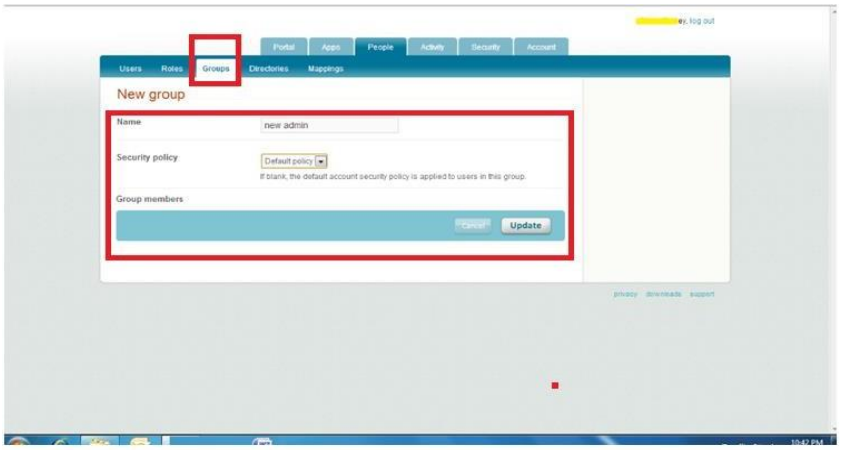


Fig 10.1.5 Add bulk users

So now over here you can see that the user can add many bulk users

And all the new users should be saved

Step 6:



New group added

Fig 10.1.6

Here once the user has added many bulk users then they can create

a new group

So now you can see that a new group has been created

Step 7:

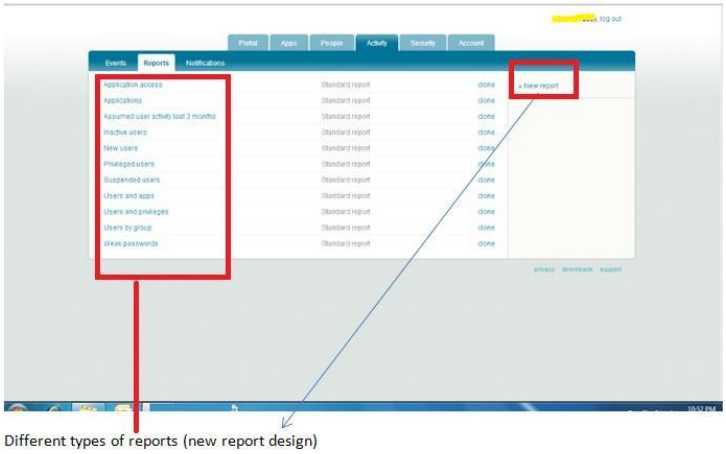


Fig 10.1.7

Here you can see that there are different types of report

And new report can also be created

So now over here all the work can be completed very fast

Step 8:

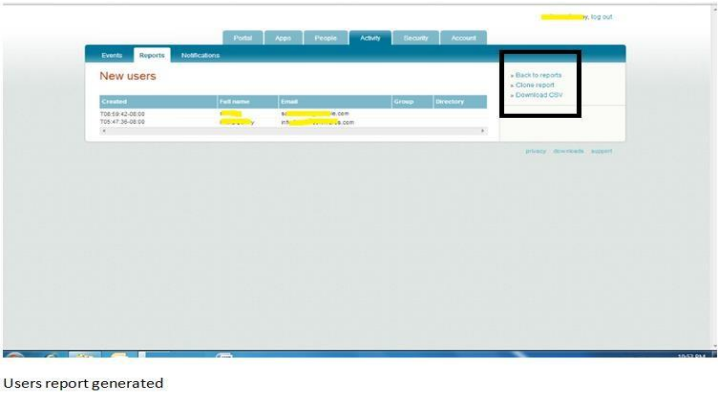


Fig 10.1.8

Here the reports have been generated

There will be numbers of reports which we have done in order

Step 9:

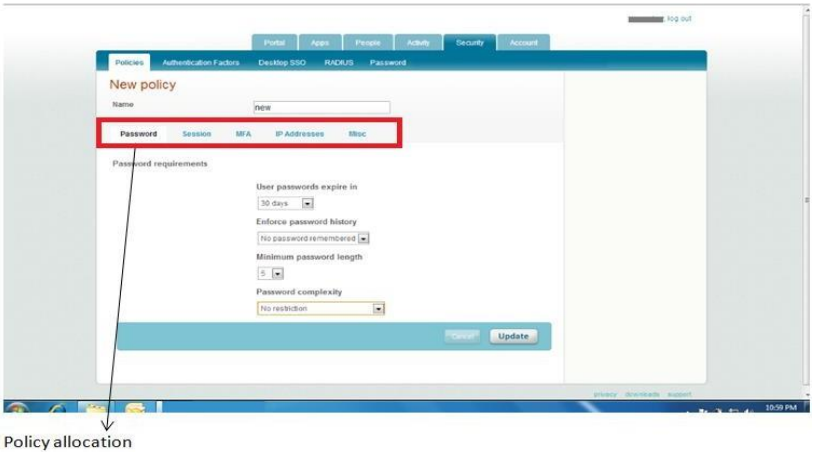


Fig 10.1.9

Here the new polices have to be generated

Step 10:

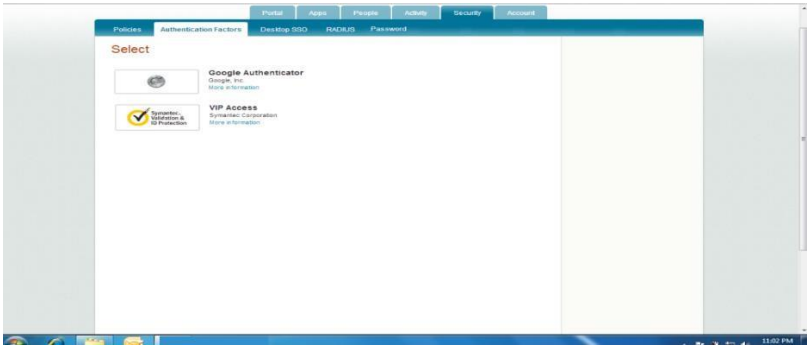


Fig 10.1.10

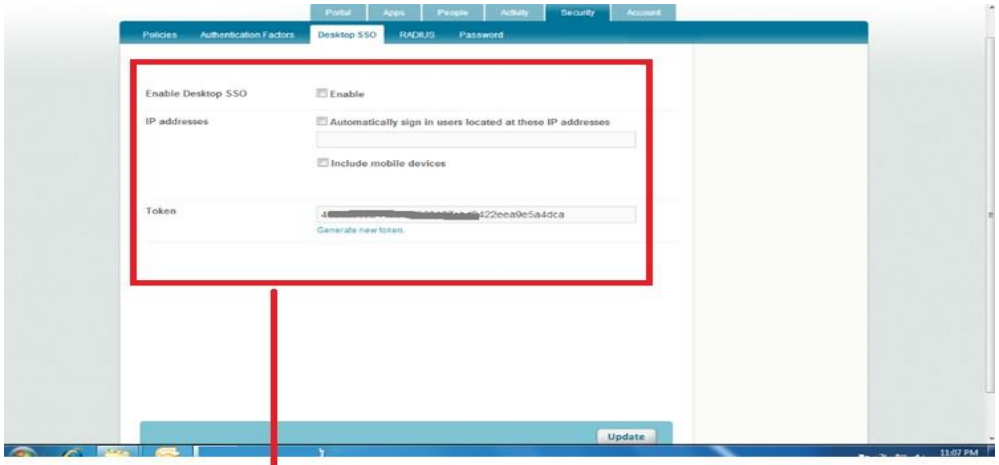
Security plays a very important role

So we must make sure that the authentication is secure

We need to select our preferred authentication

And we must make our user id and password strong

Step 11:



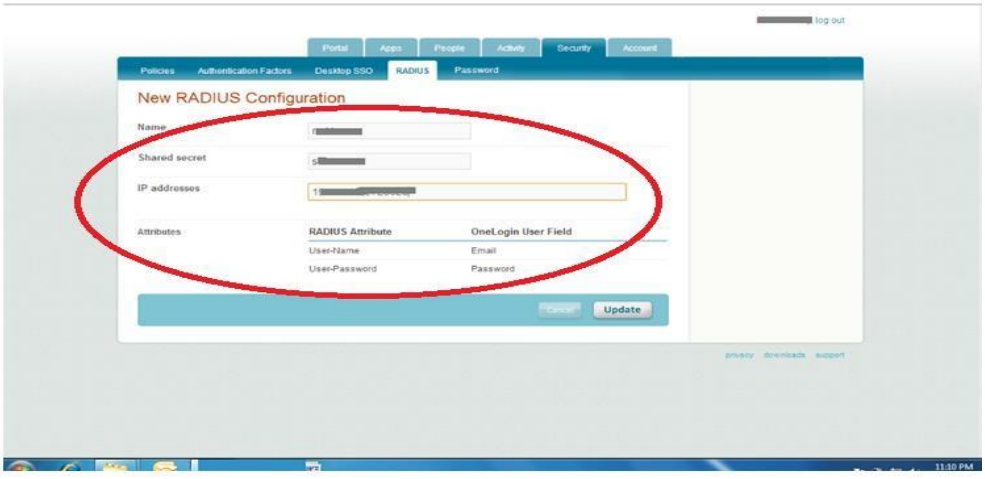
Single sign on authentication link generation

Fig 10.1.11

Single sign on authentication link (SSO) will be generated

Using the link we need access

Step 12



Wireless security setups

Fig 10.1.12

So now our wireless security setups have been done with secured name, shared secret and IP address