A project report on

MODELING AND SIMULATION BASED PANEL WITH CATEGORICAL APPROACH

Submitted in partial fulfillment of the requirement
For the award of the degree

MASTER OF COMPUTER APPLICATIONS

Of

Visvesvaraya Technological University
Belgaum, Karnataka
By

SHRUTHI G

1CR18MCA93

CMR INSTITUTE OF TECHNOLOGY
132, IT Park Road, Kundalahalli, Bengaluru-560037
2019-2020

A project report on

MODELING AND SIMULATION BASED PANEL WITH CATEGORICAL APPROACH

Submitted in partial fulfillment of the requirement
for the award of the degree

MASTER OF COMPUTER APPLICATIONS

Of

Visvesvaraya Technological University
Belgaum, Karnataka
By

SHRUTHI G

1CR18MCA93

CMR INSTITUTE OF TECHNOLOGY
132, IT Park Road, Kundalahalli, Bengaluru-560037
2019-2020

A project report on

MODELING AND SIMULATION BASED PANEL WITH CATEGORICAL APPROACH

Submitted in partial fulfillment of the requirement
for the award of the degree

MASTER OF COMPUTER APPLICATIONS
Of
Visvesvaraya Technological University
Belgaum, Karnataka

By

SHRUTHI G

1CR18MCA93

Under the guidance of

Internal Guide

Ms. Neha Agrawal
Assistant Professor, MCA Department
CMR Institute of Technology.
Bengaluru

External Guide

Mr. Ashish Rai
Human resource,
Aero Software,
Bengaluru

CMR INSTITUTE OF TECHNOLOGY
132, IT Park Road, Kundalahalli, Bengaluru-560037
2019-2020

CMR INSTITUTE OF TECHNOLOGY

Department of Master of Computer Applications
Bengaluru - 560037

CERTIFICATE

This is to certify that the project work entitled

MODELING AND SIMULATION BASED PANEL WITH CATEGORICAL APPROACH

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
is a result of the bonafide work carried out by

SHRUTHI G
1CR18MCA93

during the academic year 2019-2020.

Signature of the Guide	**Signature of the HOD**	**Signature of the Principal**
Ms. Neha Agrawal	**Ms.Gomathi.T**	**Dr. Sanjay Jain**
Assistant Professor, MCA	HOD, MCA	PRINCIPAL, CMRIT

External Viva

Name of the Examiners — Signature with date

1.

2.

DECLARATION

I, **SHRUTHI G,** student of 6th MCA, **CMR Institute of Technology**, bearing the USN **1CR18MCA93**, hereby declare that the project entitled **"Modeling And Simulation Based Panel With Categorical Approach"** has been carried out by me under the supervision of External Guide **Mr.Ashish Rai**, Human Resource**,** and Internal Guide **Ms.Neha Agrawal**, **Assistant 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 has not been submitted to any other University or Institute for the award of any degree or certificate.

Place: Bengaluru SHRUTHI G

Date: (1CR18MCA93)

ACKNOWLEDGMENT

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.Ashish Rai, Human resource, Aero Software., Bengaluru, and to my Internal Project Ms.Neha Agrawal, Assistant Professor, Department of MCA, CMRIT, Bengaluru without whose help and support throughout this project would not have been this success.

I am thankful to Dr. SANJAY JAIN, Principal, CMRIT, and Bengaluru for his kind support in all respect during my study. I would like to thank Mr.Ashish Rai, Human Resource, Aero Software., Bengaluru, who gave opportunity to do this project at an extreme organization Most of all and more than ever, I would like to thanks my family members for their warmness, support, encouragement, kindness and patience. I am really thankful to all my friends who always advised and motivated me throughout the course.

SHRUTHI G
(1CR18MCA93)

aero

CERTIFICATE

This is to certify that the project titled "Modeling and simulation based panel with categorical approach" is submitted to aero software's in fulfillment of the requirement for the final semester degree of MCA from CMR institute of Technology, Bangalore. The project is a bona fide record at work carried out by Miss. Shruthi G (1CR18MCA93) under the supervision and guidance of Mr. Aryan, IT Project Head, aero software's, Bangalore between the periods from 23/12/2019 -28/5/2020.

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,

AERO SOFTWARE
#896, Aero Road
Mahalakshmi Layout
Bangalore, Karnataka

Mr. Ashish Raj
Human Resource

#896, Mahalakshmi Layout
Bangalore, Karnataka-560086
Contact-++919686816571
E-mail: info@aerosoftwares.com
www.aerosoftwares.com

CHAPTER 1

INTRODUCTION

1.1 Project Description

Well defined logic is required when the overall references is in the planning and also it should be designed in distinct forms of perceptions, so the procedure orientation that grant a proper reference where different types of land consideration can be reviewed. The system reference is designed for multifunctional representation for the better retrieval of the descriptive sequential references. Multiple types of descriptive sequential references in terms of representation are provided within the system which is helpful for the users for fact finding and for appropriate Probe.

The considerations are associated with different types of restructuring of the relationships that are required to be acknowledged when the knowledge is being drafted. The scenarios are required to be understood as in different types of reference considerations different types of exploration requirements are undertaken. Any type of interested referential utility that is needed by the users and also supported, the reason why, the system provides integrated review for different type of approach based on the utilities which can be refined and can be utilized. For making the engagement and operations the system provides a real time enquiry page where the appropriate references of guidelines will be followed.

The system guidelines will be set up by the administrator and each administrator regulations will be saved and will be implemented when different types of fuses will be working. For the collaboration enrichment different types of associated communications and collaboration formations are provided, which will be utilized in the real time for proper intelligence. All types of Intelligence references that are required for the enhancement and for the workability perception is included within the system so that a dominant stage can be utilized for work reference constitution. The system is associated with multiple sites of locations which will be affiliated in such a way that all related working consolidation can be generalized whenever required.

The system is included with multiple types of compliance references so that when multiple teams are working they should not face any type of problem in terms of the requirements so that the service provider can have detailed essential requirement assessments. The administrator will be making categories in sections for different types of archetype design formations and these design formations are critical in terms of regulated working. The potential control which is needed for different types of abstraction will be provided and these abstractions will be acknowledged for the customized references.

The control declaration which is needed to be associated with the design perception is also provided which includes the document generation and different types of direct integration of the information. Information references which will be added will be updated in real-time by the term so that distributed updating can be followed. As the content references will be calibrated a scattered distribution system is also included so that any type of related reference communicationwhich is needed to be achieved whenever required can be undertaken. For undertaking different types of working resources different types of categorical selections are provided and as accordingly the reference can be undertaken by a particular user.

The connections of the integrated design perceptions of the action and the design optics is also provided, this design optics will be showing the different consideration that has been planned. The design models are provided in the form of optics, it is helpful in terms of a notation display and the users will have fast understanding of the ideas or assumptions that has been conducted. Multiple types of scenario hypothesis can be undertakenat the same time with all types of possible references requirements for different types of vicinity from a single system this is very much flexible and operational for the Global configuration usage.

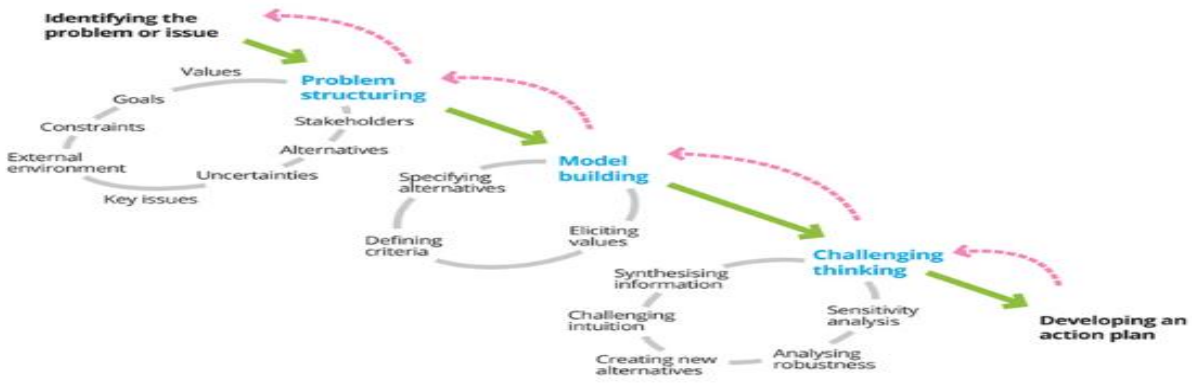


Figure-

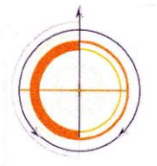
Reference stages undertaken is shown

Substantial working that is provided can be customized and can be redirected whenever required so this system provides detailed service provisions which can be regulated in different accounts according to the requirements and all the related designs will have the reciprocal working concept so that multi-user working can be supported. The distribution of the resources that are required will be guided by the system and even the critical strategic formations that are required to be represented for the communications and for the transfer will have multiple options to select. The conditional security is also undertaken so that all types of utilities and all types of regulated construct for the work reengineering can be supported as multiple teams and separate category of persons are utilizing the system at the same time.

The logical refinements things are wanted to modeling reference is provided in two categories which are also associated is accompanied by various Sub categorical references so that the activity considerations can be properly implemented. Implementation of different types of logical design reference is based on prototypes and different types of wireframe references can also be organized. Conditional strategy definitions are referenced within the system which is helpful in terms of arbitration and strategic formations.

1.2 Company Profile

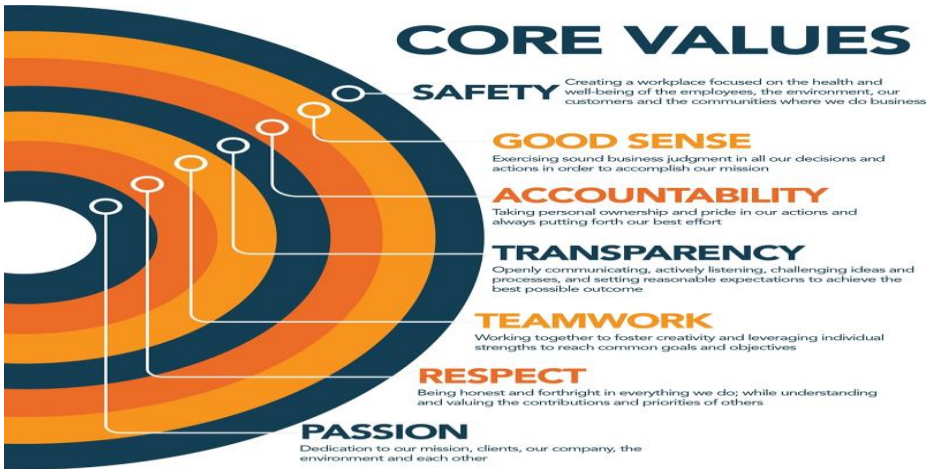
Aero



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.


CORE VALUES
SAFETY
Creating a workplace focused on the health and well-being of the employees, the environment, our customers and the communities where we do business
GOOD SENSE
Exercising sound business judgment in all our decisions and actions in order to accomplish our mission
ACCOUNTABILITY
Taking personal ownership and pride in our actions and always putting forth our best effort
TRANSPARENCY
Openly communicating, actively listening, challenging ideas and processes, and setting reasonable expectations to achieve the best possible outcome
TEAMWORK
Working together to foster creativity and leveraging individual strengths to reach common goals and objectives
RESPECT
Being honest and forthright in everything we do; while understanding and valuing the contributions and priorities of others
PASSION
Dedication to our mission, clients, our company, the environment and each other

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

CHAPTER 2

LITERATURE SURVEY

2.1 Existing and Proposed system

2.1.1 Existing System

The customization and strategic perception understanding is the important need of the organization as different implementations are required for undertaking and type of decision. Multiple persons that are required to the acknowledged is being seen that the undertakings are individually referenced so the strategic perception design and implementation of different references are quite difficult for survive in the universe, when people have interviewed by vendees we were able to associate the above problems.

Some of the important considerations of the problems that are faced in the existing scenario are listed as following -

- Evaluations of the criteria based plan perceptions is quite difficult because different types of fundamental requirement arises and these requirements are undertaken an individual consideration which makes the working elaborative.
- In the existing system we have also seen that as the undertakings are of different formations it also requires an in depth knowledge so eventually the expert users are required for different types of proximity.
- In the existing system we have also seen that different types of approaches that are required to be implemented in terms of the information and the related structuring is also quite difficult.
- Types of utilities are undertaken for different types of behavioral working show the related drafting of different activities are done individually which makes it costly.
- Reciprocal and collective references that are required when a generalized strategy is been designed by multiple users is also missing or we can say that required update is not supported.

- Simultaneous working contradictory classes of behavior references and description for simulative generation are also rejected for prevail as multiple mediated environment and utilities acknowledged.
- Distributions and the required perspective of difference based working are complicated for present framework as an environment based working has to be undertaken which is quite confusing.
- Multi user interactions and a proper reference of explanation which is needed with interactivity based designs is also not support it so the major problem of understanding the references that are being prepared by the research team is also quite difficult.

2.1.2 Proposed System

The convergence that is needed for undertaking a proper optic reference of the design is associated with the proposed system. The propose references are provided for intricate working elimination so that the companies are free to utilize the system on the service order taking different types of strategic references with the help of different types of assembly based utility.

Some of the important consideration which are undertaken in the proposed system is being listed as following-

- All the fundamental requirements that are needed to undertake the criteria based decision making in multiple discipline are provided in the proposed system which is helpful as different domains can utilize the system on the service.
- The proximity of the working is properly defined so the requirement of the experts is minimal and for any type of reconstruction of the activities the system will provide the detailed guidance.
- Information structuring and information integration for different types of approach protections are provided within the system with the help of mediated platform in resources.

- All types of utilities that are required will be provided on a single system so that comprehensive working with apprehension can be generated in a particular environment. All the needed utilities and resources are provided an essential reference for amalgamated working for different types of sensibleness.
- Reciprocal and collective references that are required for the strategic design is also supported in the propose system with detail updates and working.
- Simultaneous working is provided which is quite helpful as distributed teams can be added and different types of activities and operations can be organized. Multiple page setups are provided to uncover different types of integrated synchronized working within the teams.
- Distributed working support provided so that it is easier for different teams to interact from different locations. Proper referential authentication is required for or having the considerable work organized that will be promoted by the administrator.
- Multiple types of interactivity that is required for the proper structuring for instructions are also allot where varying types of design components are referenced within the system. Distributive interactivity support is also provided with auto updating.

2.2 Feasibility Study

Feasibility study this to check the requirements for the work abilities which is also necessity, added to bring up network so we can check out that potential references of the requirements based on the technology based on the operations and we have to find the financial requirements. Technical feasibility is required to be properly planned so that we can provide all types of operations in the same way all types of economic conditions are also required to be defined.

Study of Technical feasibility

Study of Operational feasibility

Study of Economic feasibility

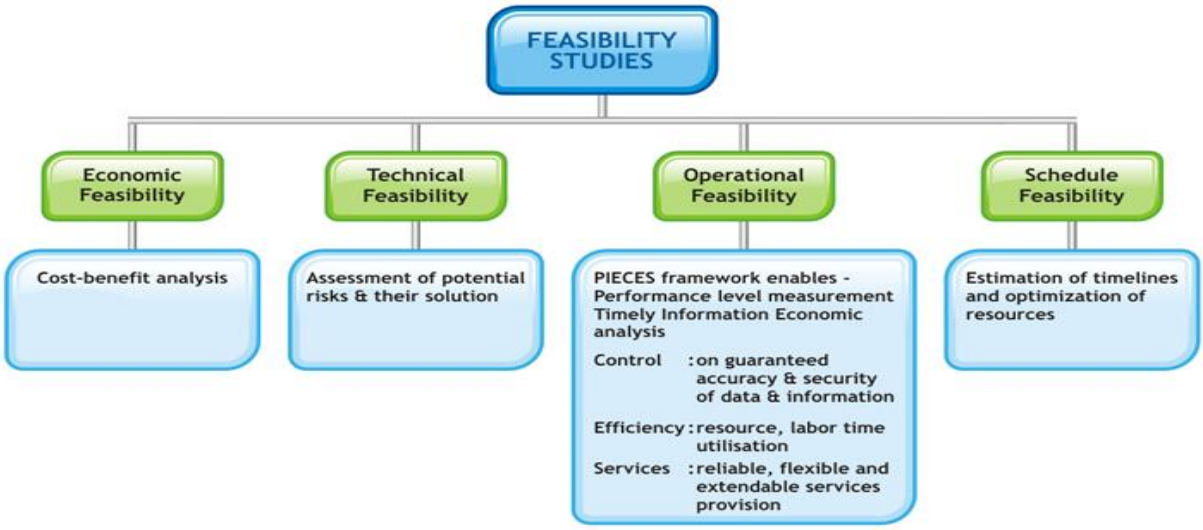


Figure-

Diagram of Feasibility study

Study of Technical feasibility

Technical associations for reconstructing the alternate is for the problems will be discussed where detailed issue references will be undertaken and accordingly the related plan perceptions for the solution design will be acknowledged.

Various types of differential requirements for the utilities and for the interactions which are required for the prospective overview, it will be checked that how the third party references in different dimensions with utilized.

The technological variations will be organized within the company environment and collective working will be undertaken with potential liabilities.

Considerations of the display provisions and synchronization will be undertaken.

All different category patterns that are associated in the systems will be generalized and will be checked for how the references of processes will be working in real time when a particular example is selected for the modification.

Study of Operational feasibility

Operational consideration for based on the definitions of helping the uses in the real-time so support variation will be provided at the link.

Different types of augmentation which may emerge hereafter will be checked and even the users will be provided with a mechanism to understand the usability of the system. The users will be properly notified about the working so that they should be having the concept understanding otherwise the usage of the system to achieve the goal will not be undertaken so different types of workshops will be arranged.

Training and documentation will be also provided to the users.

Study of Economic feasibility

Economic considerations will be undertaken to generalize the work and to understand how the money flow will be managed.

Economic references will be checked because different stages will be undertaken and for every stage the requirement for the money arises which has to be substantially undertaken for example the design and implementation stage.

Financial team will be referenced for detailed research about the considerations of Finance which is needed.

2.3 Tools and Technologies used

JAVA

Java is a independent programming language, class based and object oriented programming language. It is created in 1995.

This java used for:

- Big data technologies
- Threading and networking
- Mobile applications
- Desktop applications
- Database connection
- Games

MySQL

- MySQL is a database system used on the web application
- MySQL uses standard Structured Query Language
- MySQL compiles on various platforms
- MySQL is a free software and free to download and free to use it

- MySQL is developed, distributed, and supported by Oracle Corporation
- MySQL is a database system that runs on a server
- MySQL is ideal for both small and large applications
- MySQL is very fast, reliable, and easy to use

2.4 Hardware and Software Requirement

Software requirements

Databases

MySQL8.0.13

Technology

Hybrid cloud (implementation)

Platform

Windows

Languages

JAVA (J2EE, JavaScript, JSP)

Integrated development environment

Net Beans/Eclipse

Supporting Server

Apache Tomcat 8, SSD cloud server, Amazon s3

Hardware requirements

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

CHAPTER 3

SOFTWARE REQUIREMENTS SPECIFICATION

3.1 Users

Administrator

Administrator is the user who will be having the authentications to channel the work and to provide the required regulations so that multiuser workability can be established and different perceptions of work can be acknowledged.

Team members

Team members are added by the administrator and they we'll have different partitioning of work reliability is provided by the administrator and they will be performing the related industrial job of related plan perceptions with collaboration.

Vision

Which is defined as the system in which inclusive of different types of assets that are required for the belated plan for Section design with real time scenario so multiple organizations with collaborations can utilize system.

The objective of the system is to enforce and implement different types of working reference on a single console system so that any type of critical variations that hard required for the projections is for analytical reviews can be undertaken.

Assumptions and dependencies

The assumption of the system is that as the interpretation designs are required to be formed the users should be having proper accessibility rights and they should have knowledge.

The dependency of the system is that for any type of affiliation that has to be considered the users are required to login to the system and they have to utilize all the organized components provided within the system.

Problem statement

The problem statement in reference to the system is that the prominence workability references are required to be provided in a trailer format on a single system.

The references of design formation should react with interactivity where data reference is required to be fetched from different sources.

3.2 FUNCTIONAL REQUIREMENTS

The above mentioned statements are dimensions of the features that are provided on a distributed format where we have to check the collective working in terms of the triggers and in terms of different types of conditional inputs and processing.

Primary space allocation

Use Case Name	Primary space allocation
Trigger	Settings
Precondition	Admin reference required
Process	Primary space allocation is associated with a proper reference of Designing area which will be included by the administrator and this design will contain different types of perceptions of working. References of the design formations are distributing each reference is obligatory to be set up by the administrator. Conditions are set up the system will reference the policies and accordingly the working directions would be undertaken.
Post-condition	Formation setups provided

Projection designs

Use Case Name	projection designs
Trigger	Setups

Precondition	Authentication
Process	The projection designs will be incorporated to the dissimilar set of references and services which are important so each utility has to be generalized individually for the working. For any type of content that is needed to be included for the classified designs will be undertaken and accordingly the system will support the references. The projections in the related utility design formations would work with real time processing with the system will be providing the incorporated working references directly which would be source from other mediums.

Post-condition	Projection designs usage provided

Relational aspects

Use Case Name	relational aspects
Trigger	Auto
Precondition	Working identities added
Process	Several order of relational aspects those are discussed between different sets design components would be undertaken and hear

	the system provides intelligent way of the related data flow references and the related relationship references which is required as different types of users would be incorporated and will be using and updating with design formations. Various notification formations will be provided to the users so that they will be having a defined acknowledgement.
Post-condition	Updating

Associations

Use Case Name	associations
Trigger	Rule based
Precondition	Authentication required
Process	The working will be provided with associations and the synergy which is needed, various types of regulation based collaboration will be achieved within the system which will be optimal for the word references that have considered because multiple times will be associated and they will be having that died workability consideration. The system will navigate the users in even proper references of petitions about the word

	considerations will be provided in notified. The system will provide multiple means of the related collaborative activities that have to be acknowledged for which multi references tools are included.

Post-condition	Multi user collaboration

Data coverage

Use Case Name	Data coverage
Trigger	Added rules
Precondition	Authentication required
Process	Data coverage is also associated within the system where different types of data synchronization on the cloud reference will be undertaken. Data integrity is important aspect where the system provides the conceptualization approach on to the cloud working so that each reference of the data can be secured and can be property updated. Various types of publishing options which are included will be also incorporated with different types of procedures to facilitate the secure transfer.

Post-condition	Added security redirections provided

3.3 NON-FUNCTIONAL REQUIREMENTS

Nonfunctional precondition is analyzed which have a realization about the quality in working perceptions which are provided to the users in real time. Various types of references which are needed to provide an overruling environment to the clients so that they can utilize the system with proper standardization will be discussed.

Reliability

All the integrated features that are provided with multi fold workability will be reliable in terms of usage because the resources needs is different from one organization or from one user to another. The associations of the interactivity which is included will be updated in real time and even the relational references that are designed will be provided with proper perceptions.

Figure-

Components of the feasibility study

Security

Proper security for including and providing the synergic working is associated within the system various categories, which access control, which is present. Various data integrity and multiple kinds of cloud references for the data security are also included which even provides the encrypted security.

Documentation

As the resources are provided it has to be evaluated and even for the modeling references multiple types of type casting and multiple types of prototypes are required to be understood.

The reason detailed documentations are associated so that working can be properly optimized. Documents are designed to provide easy reference to the clients.

Legal

The legal associations are the distributive considerations that have to be undertaken because the contents will be distributed and based on resource usage because multiple types of third party tools will be utilized which are having individual policy of usage so the users should be provided with detailed references of the legal considerations bounded.

Multi operations

Generalizing multiple operations are provided by the central customization format where the pages can be designed and based on the security the partitioning of the work references and regulations can be saved. Multi operations will help to attain the intended goal in more appropriate way because more scenarios can be discussed.

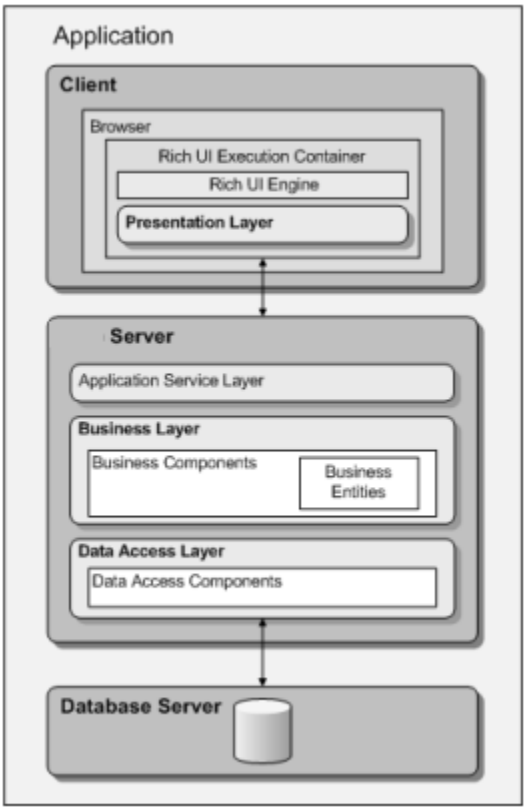
CHAPTER 4

SYSTEM DESIGN

4.1 System Perspective

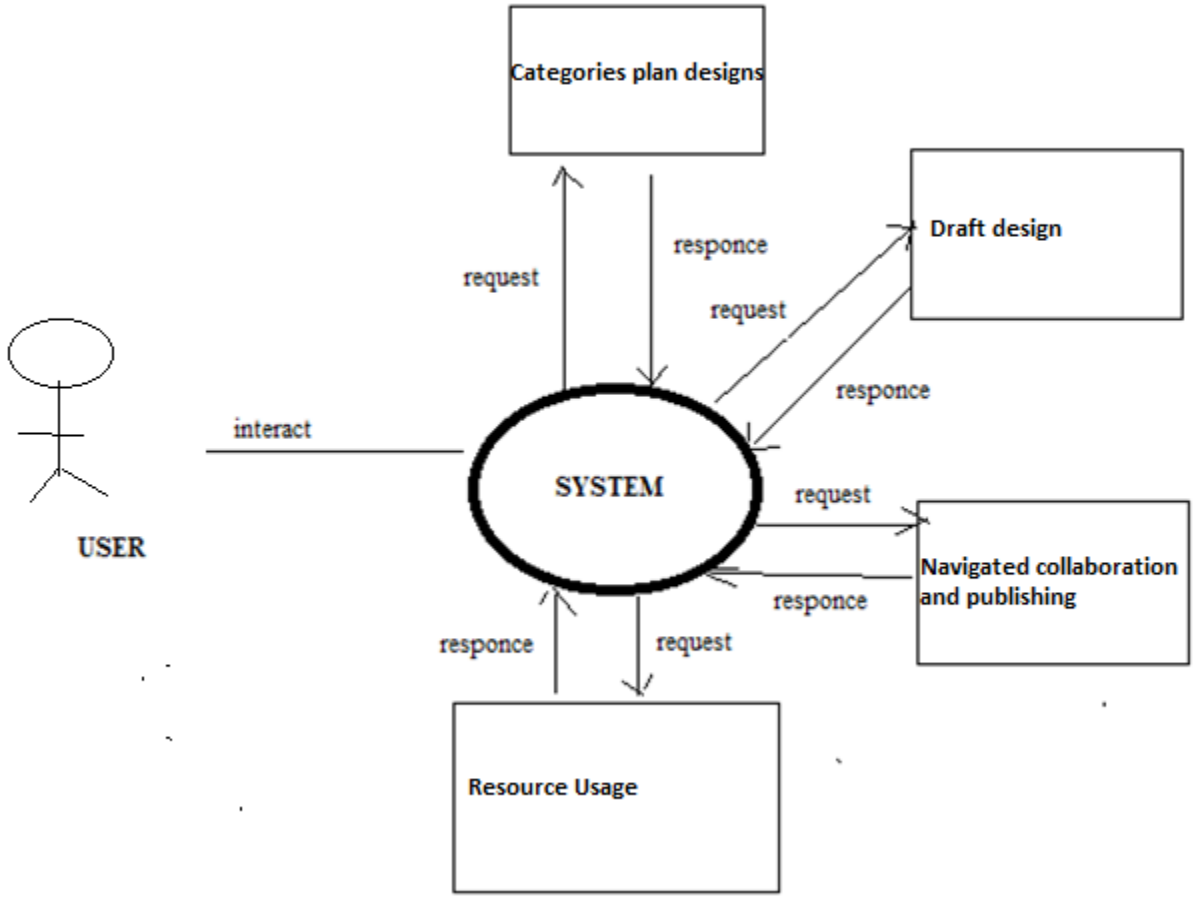
Architecture diagram

The below figure indicates detailed plans and components in different level office implementation.



4.2 Context Diagram

Context diagram shows the information at a glance which includes all the scope and boundaries of the system. Context diagram easy to draw and no technical knowledge are assumed while designing it.

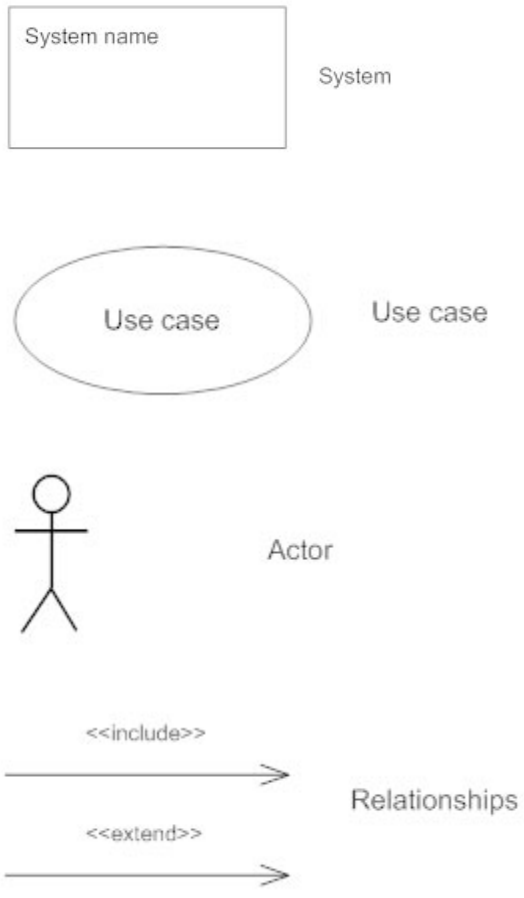


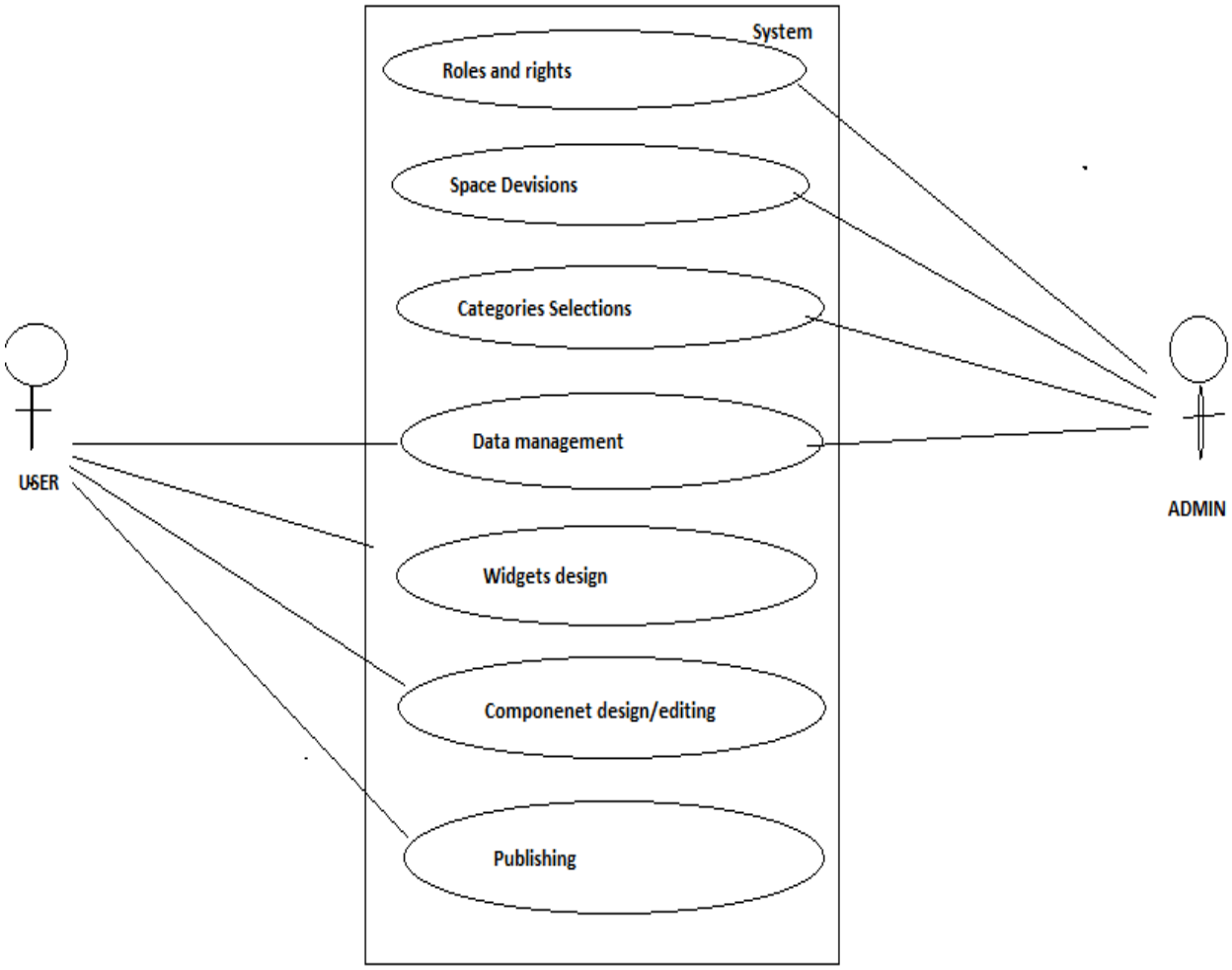
CHAPTER 5

DETAILED DESIGN

5.1 Use Case Diagram

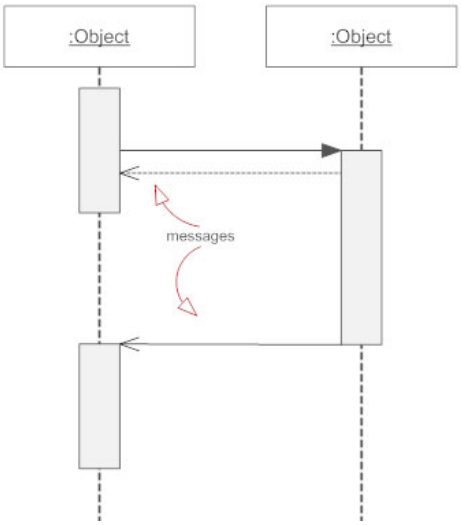
The technical diagram describes the interaction within the actor along with the system achieve a precise goal that has to be considered for the working.

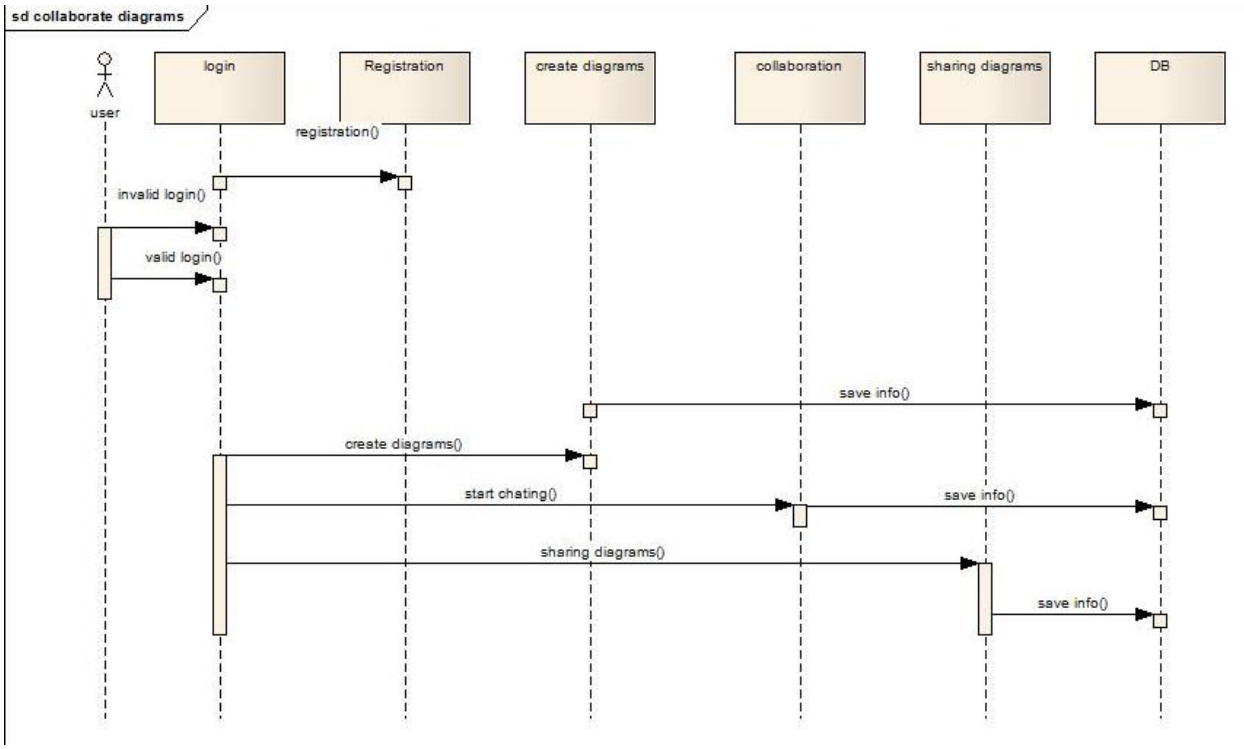



System
Roles and rights
Space Devisions
Categories Selections
Data management
Widgets design
Componenet design/editing
Publishing
USER
ADMIN

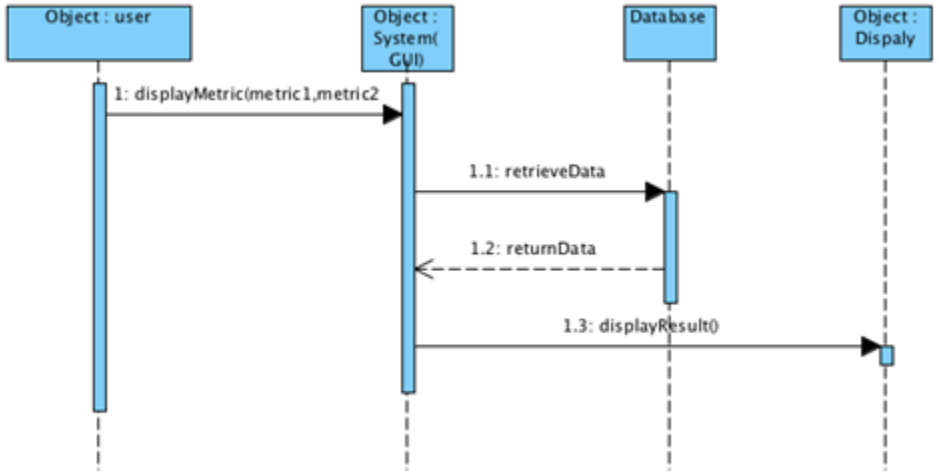
5.2 Sequence Diagrams

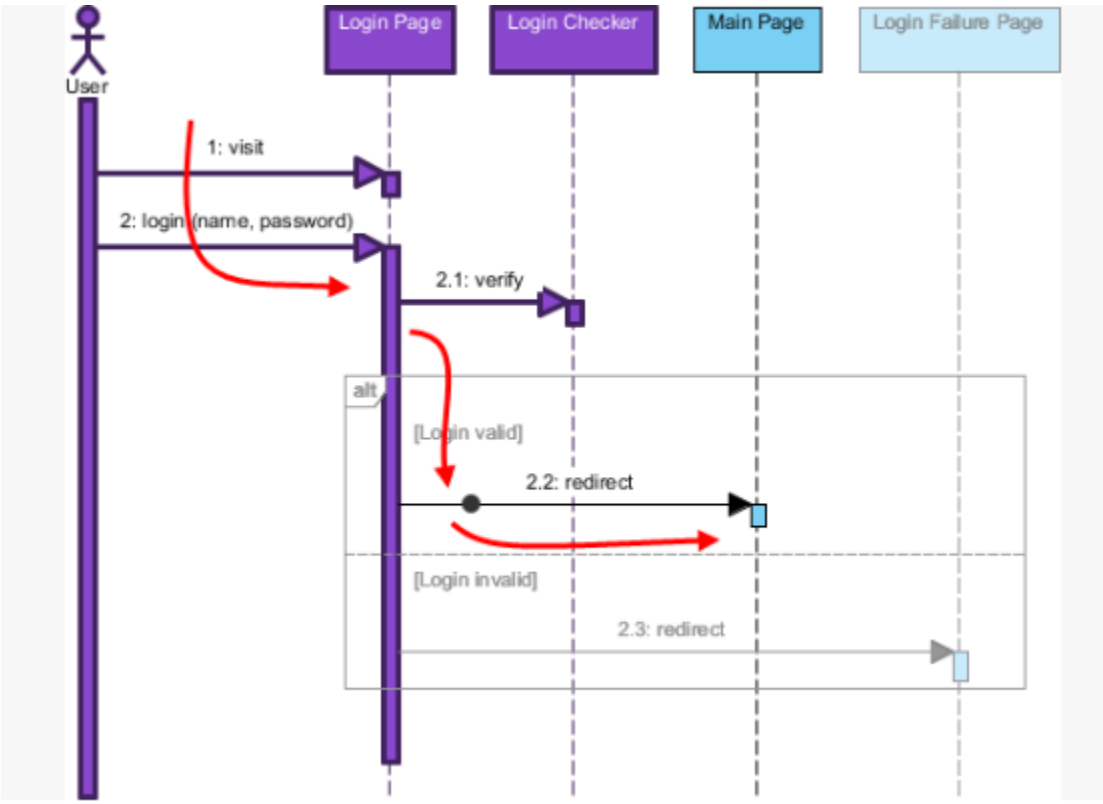
The below one exhibits related external actors and the related methods invoked by these actors.




sd collaborate diagrams
user
login
Registration
create diagrams
collaboration
sharing diagrams
DB
registration()
invalid login()
valid login()
save info()
create diagrams()
start chating()
save info()
sharing diagrams()
save info()

Sequence diagram

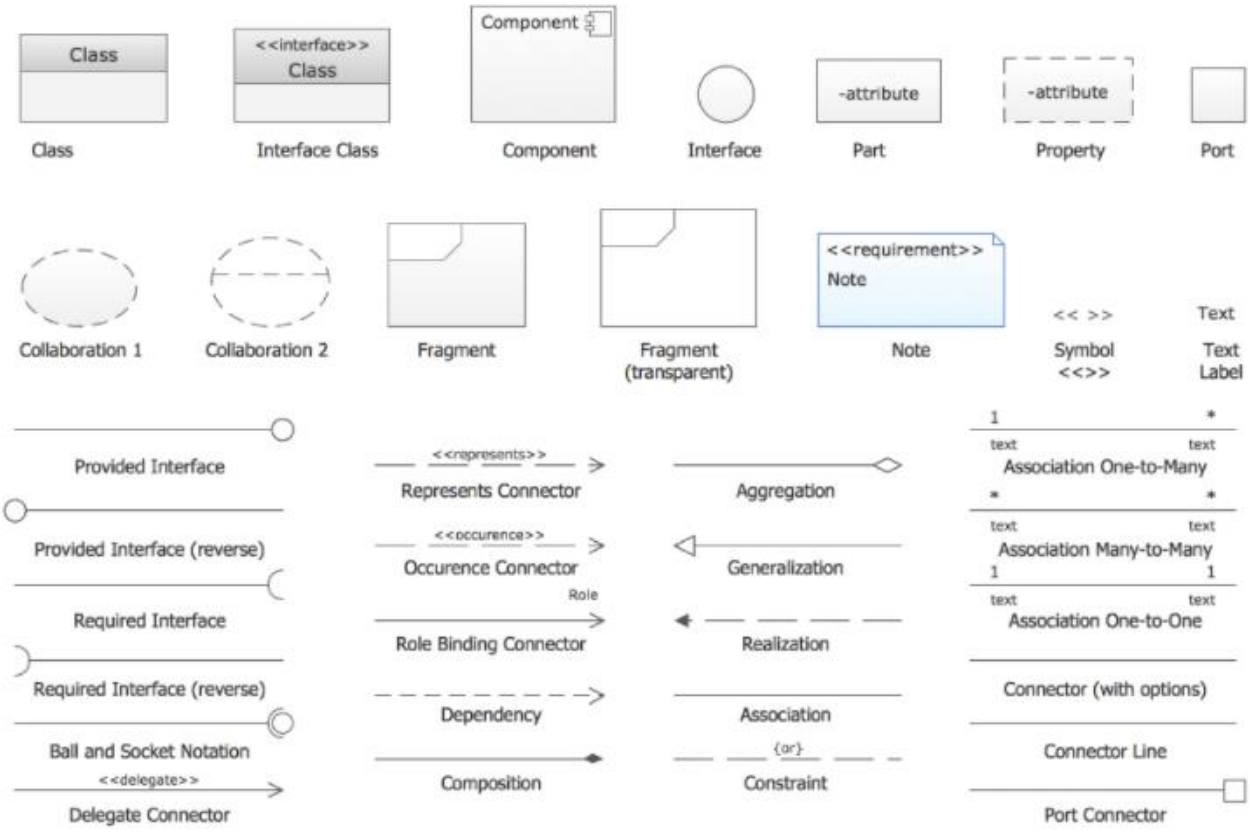


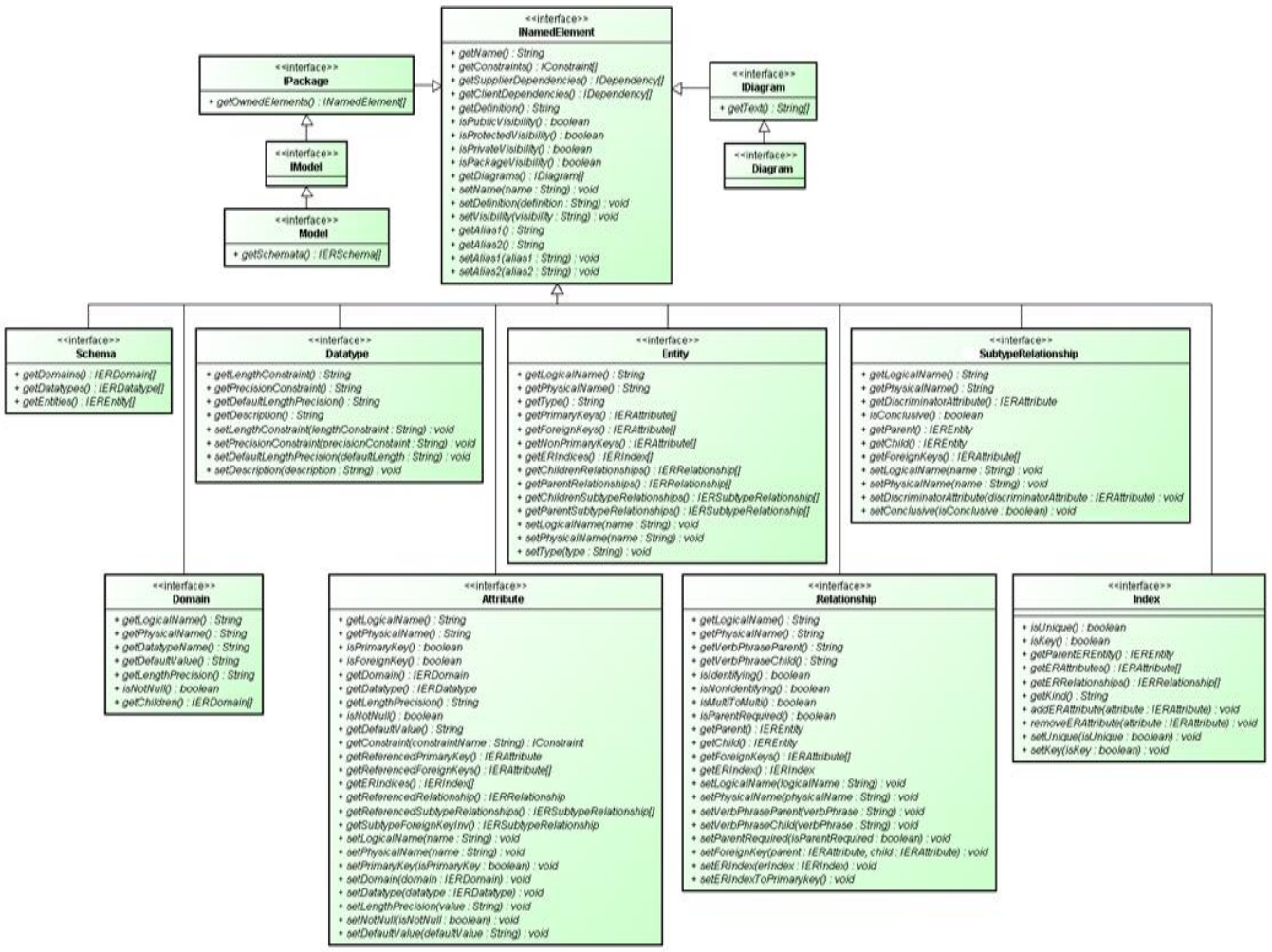


Request Sequence Diagram

5.3 Class Diagram

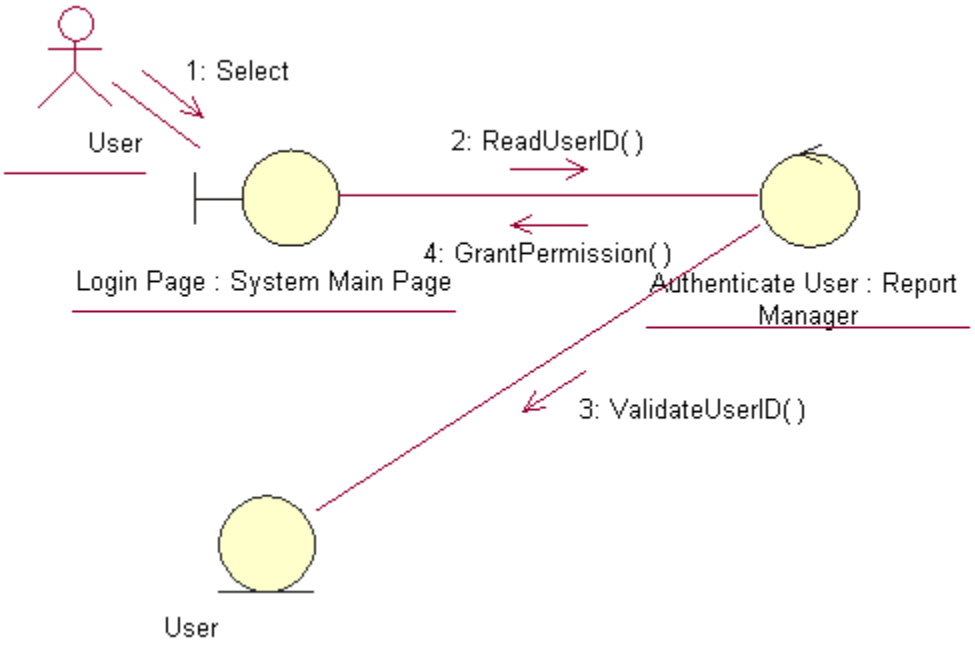
These drafts are evincing of the system classes attributes and operations and different types of relationship among objects.





Class diagram

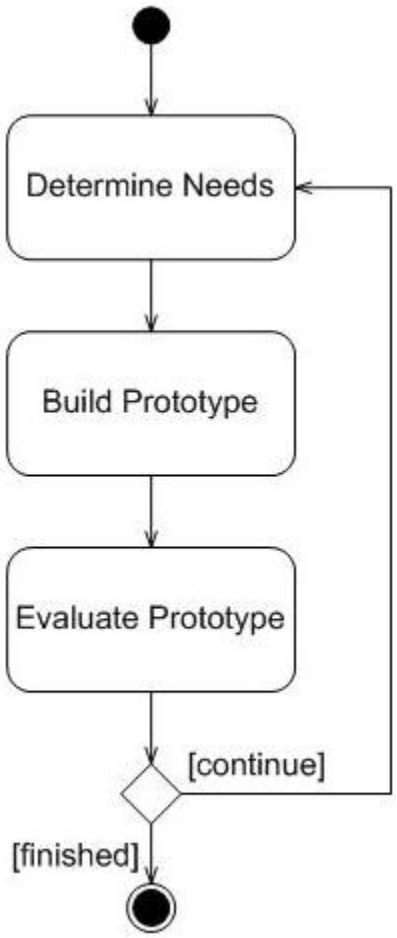
5.4 Collaboration Diagrams



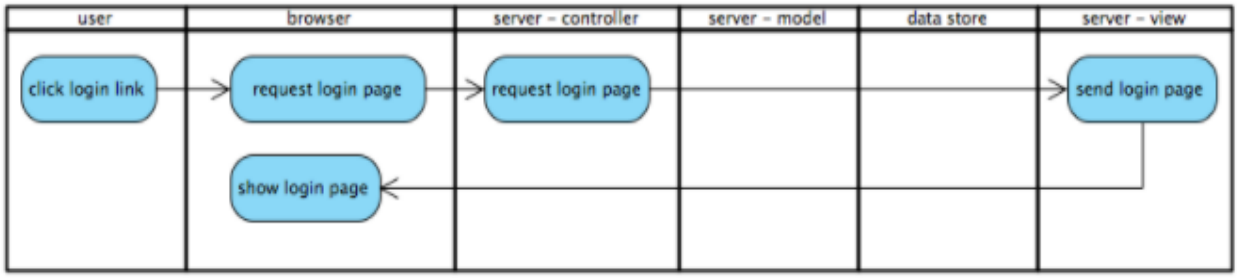
Collaboration figure

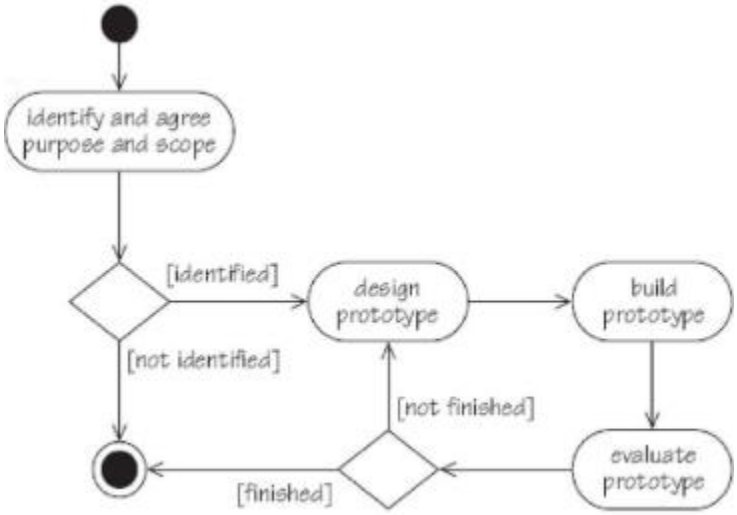
5.5 Activity Diagrams

Activity picture shows all types of activities, associations, conditions and constraints to have a detailed understanding about the activities.



Process activity diagram

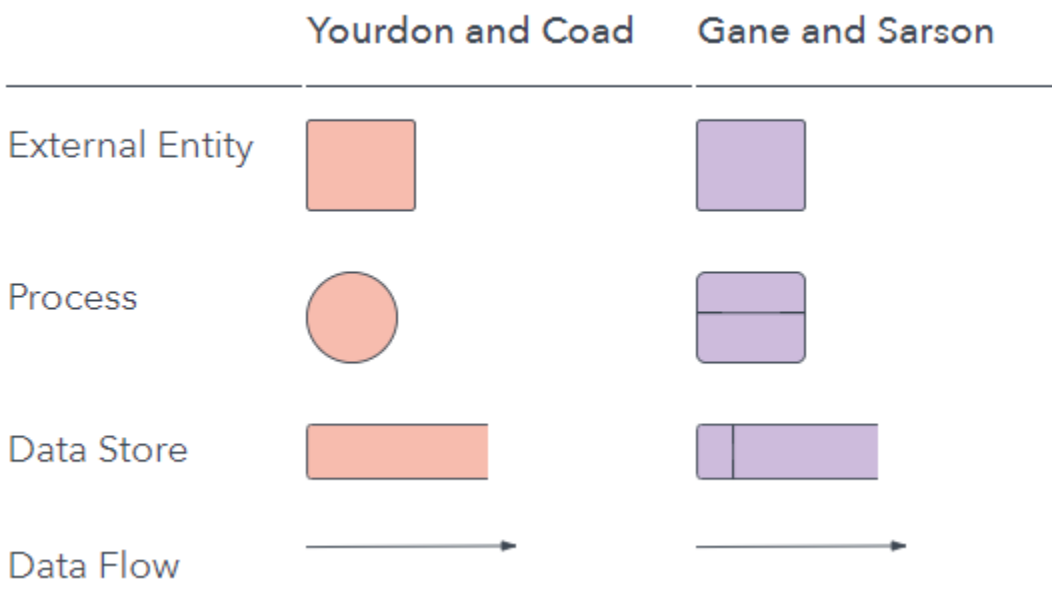


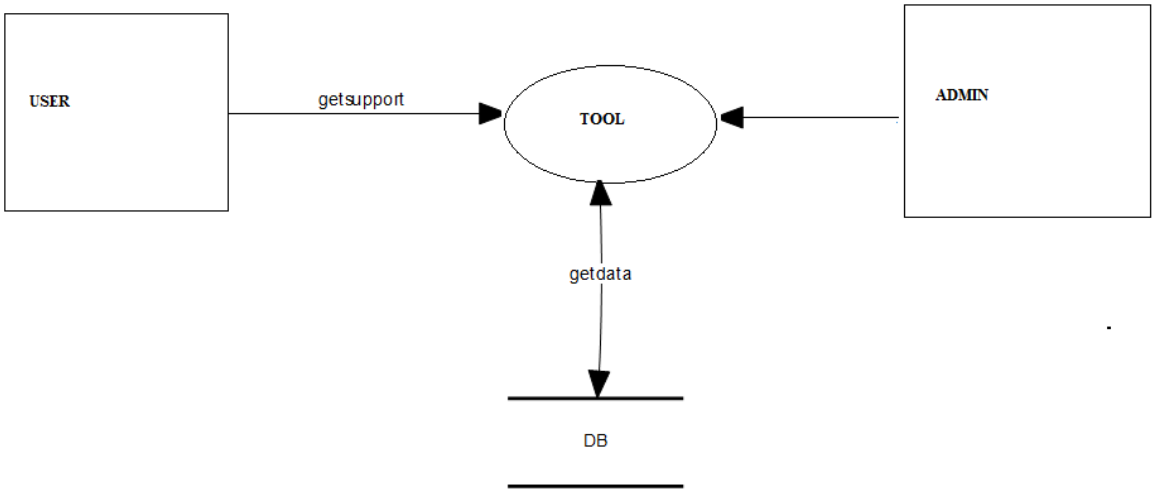


Activity representation

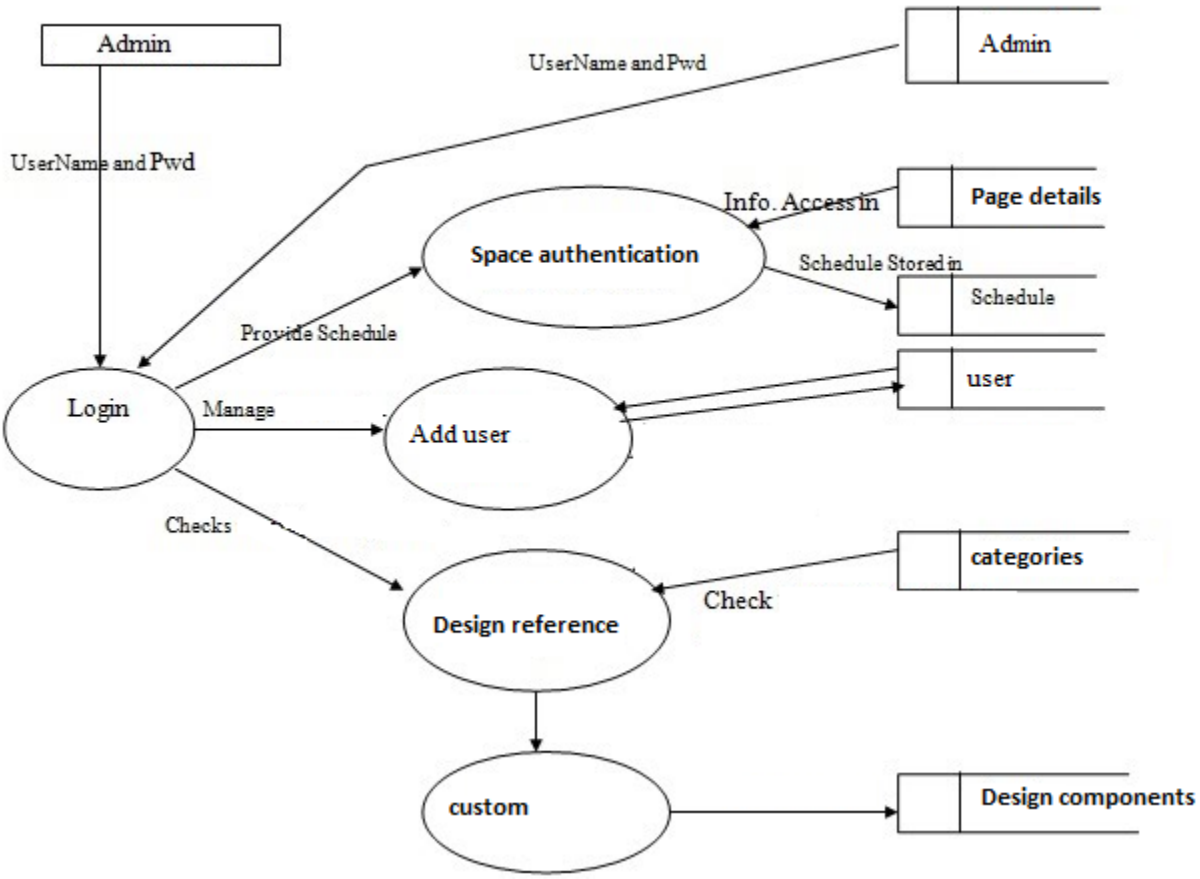
5.6 Data flow diagrams

These below drawings represent a flow of data through a process where the related information based on inputs and outputs of each entity will be represented.

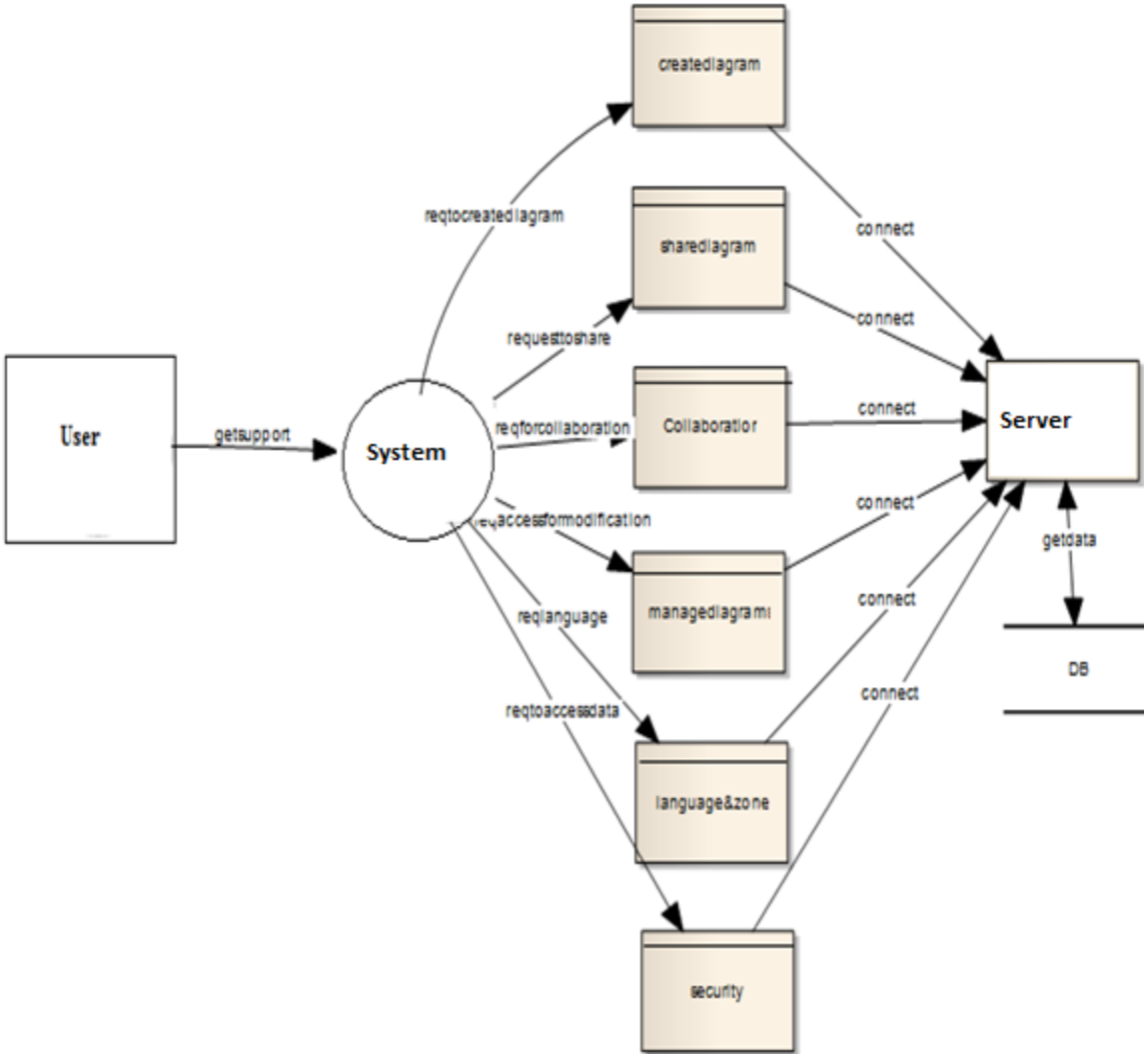




Level 0 DFD diagram



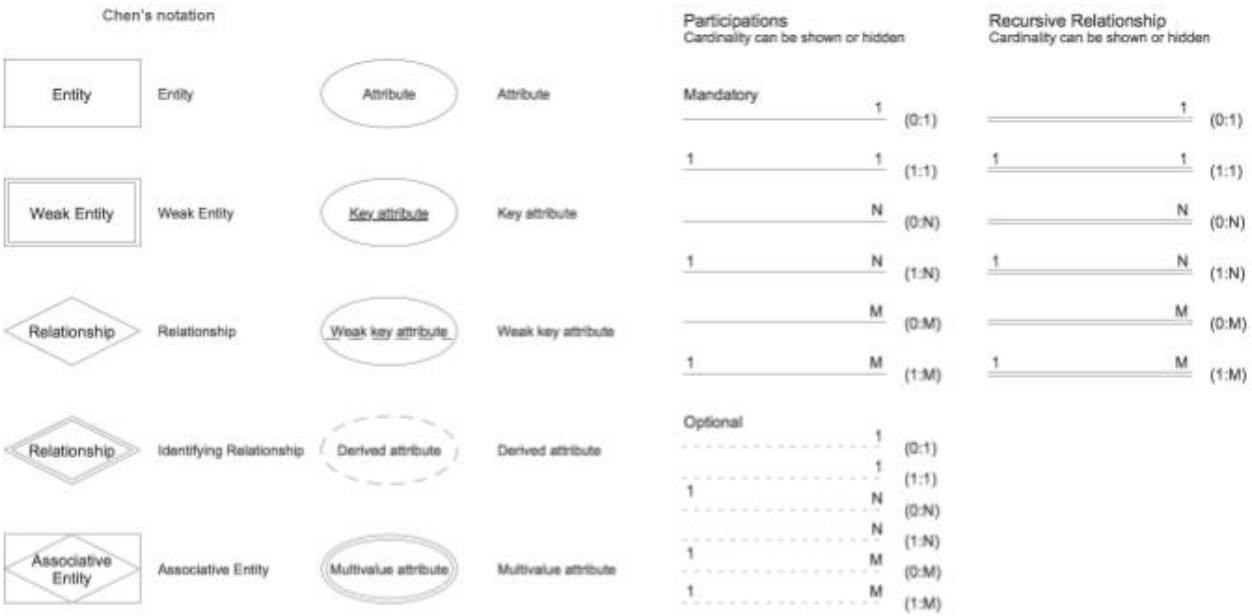
Admin representation of data flow diagram


creatediagram
reqtocreatediagram
sharediagram
connect
connect
requesttoshare
User
getsupport
System
reqforcollaboration
Collaboratior
connect
Server
connect
reqaccessformodification
getdata
managediagrami
reqlanguage
connect
DB
connect
reqtoaccessdata
language&zone
security

DFD layout

5.7 Entity relationship model

This model helps us to understand the related data requirements so that well design database can be organized.



Crow's Foot notation

Entity
(with no attributes)

Entity
(with attributes field)

Entity
(attributes field with columns)

Entity
(attributes field with columns and variable number of rows)

Relationships
(Cardinality and Modality)

Zero or More

One or More

One and only One

Zero or One

Many - to - One

M:1

a one through many notation on one side of a relationship and a one and only one on the other

M:1

a zero through many notation on one side of a relationship and a one and only one on the other

M:1

a one through many notation on one side of a relationship and a zero or one notation on the other

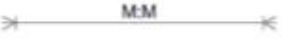
M:1

a zero through many notation on one side of a relationship and a zero or one notation on the other

Many-to-Many

M:M

a zero through many on both sides of a relationship



M:M

a one through many on both sides of a relationship

M:M

a zero through many on one side and a one through many on the other

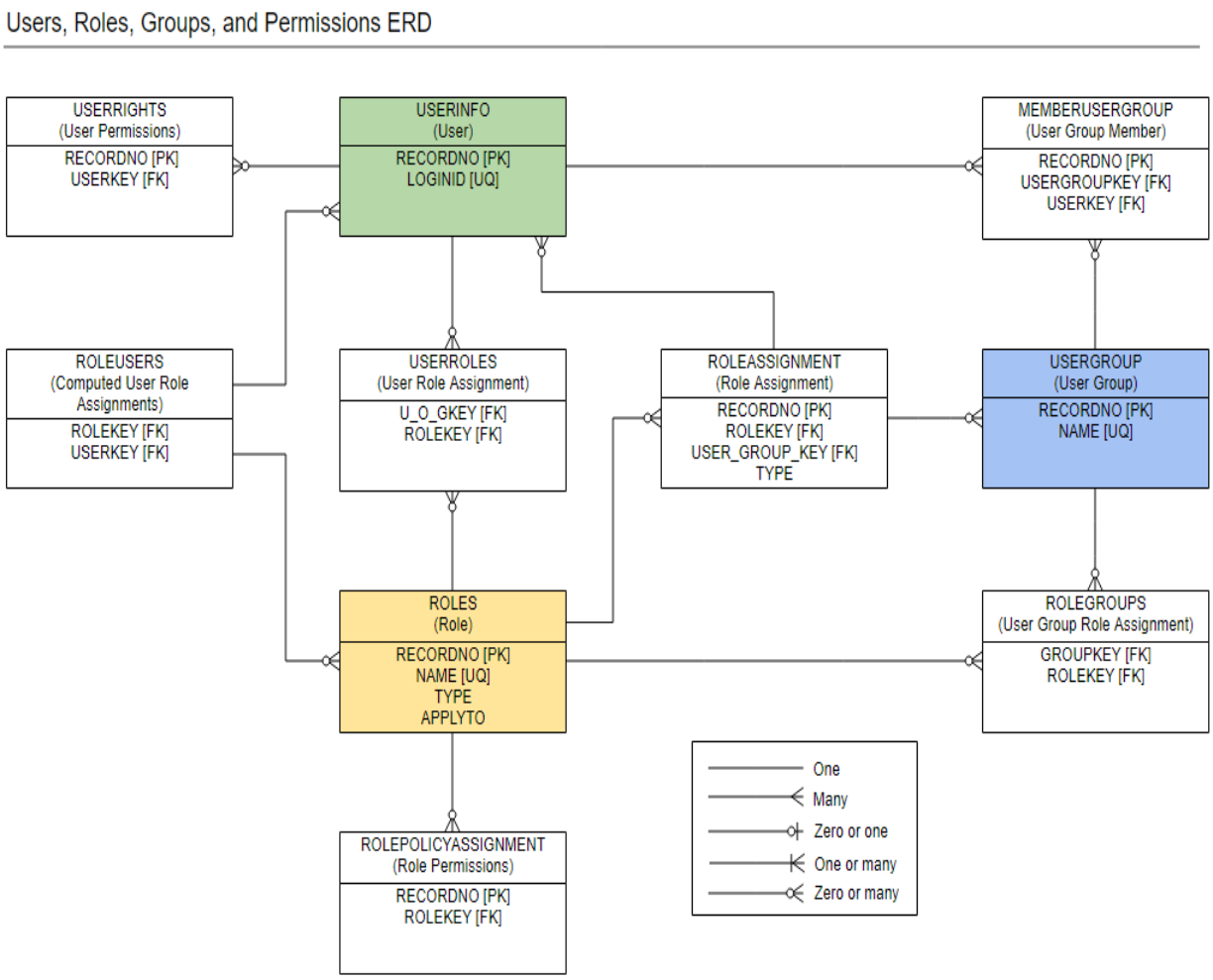
Many-to-Many

1:1

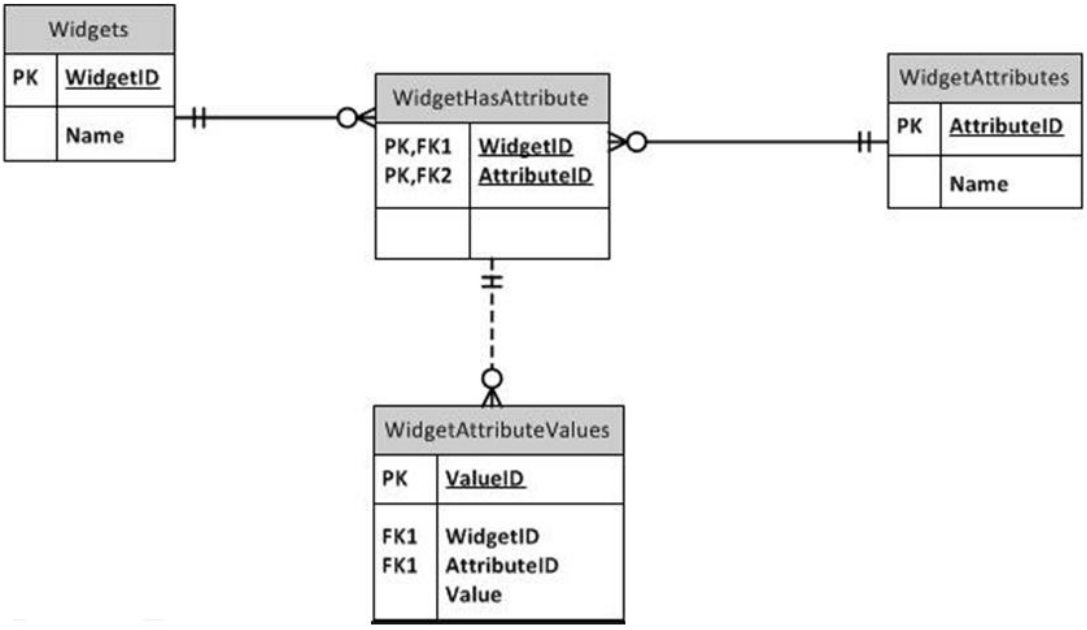
a one and only one notation on one side of a relationship and a zero or one on the other

1:1

a one and only one notation on both sides



ER for roles definition

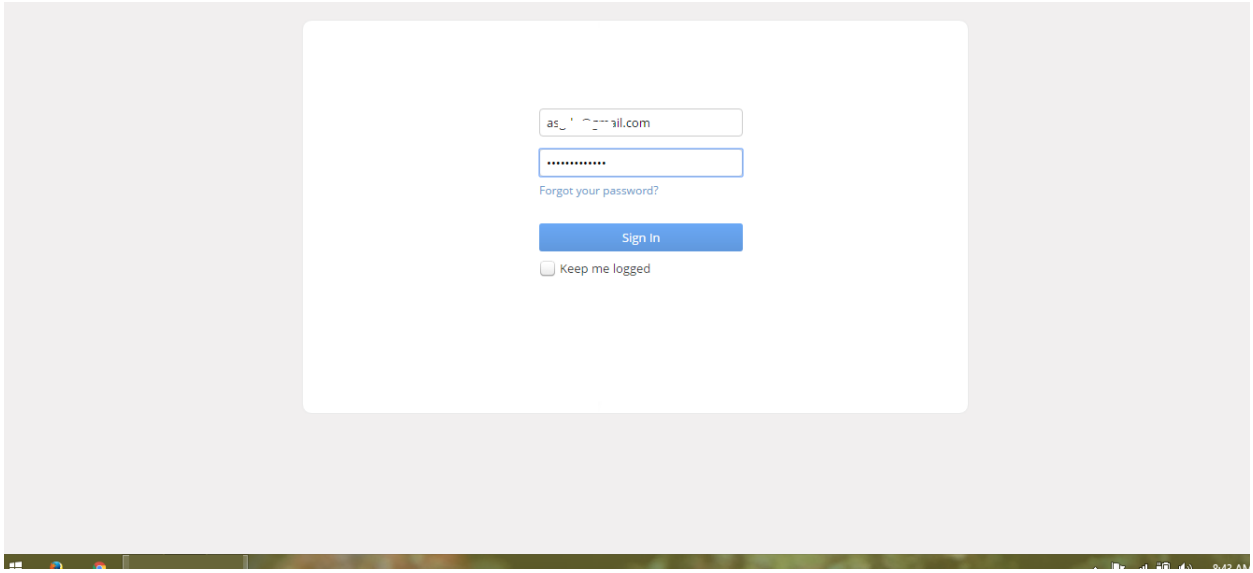

Widgets
PK
WidgetID
Name
WidgetHasAttribute
PK,FK1
PK,FK2
WidgetID
AttributeID
WidgetAttributes
PK
AttributeID
Name
WidgetAttributeValues
PK
ValueID
FK1
FK1
WidgetID
AttributeID
Value

ER diagram

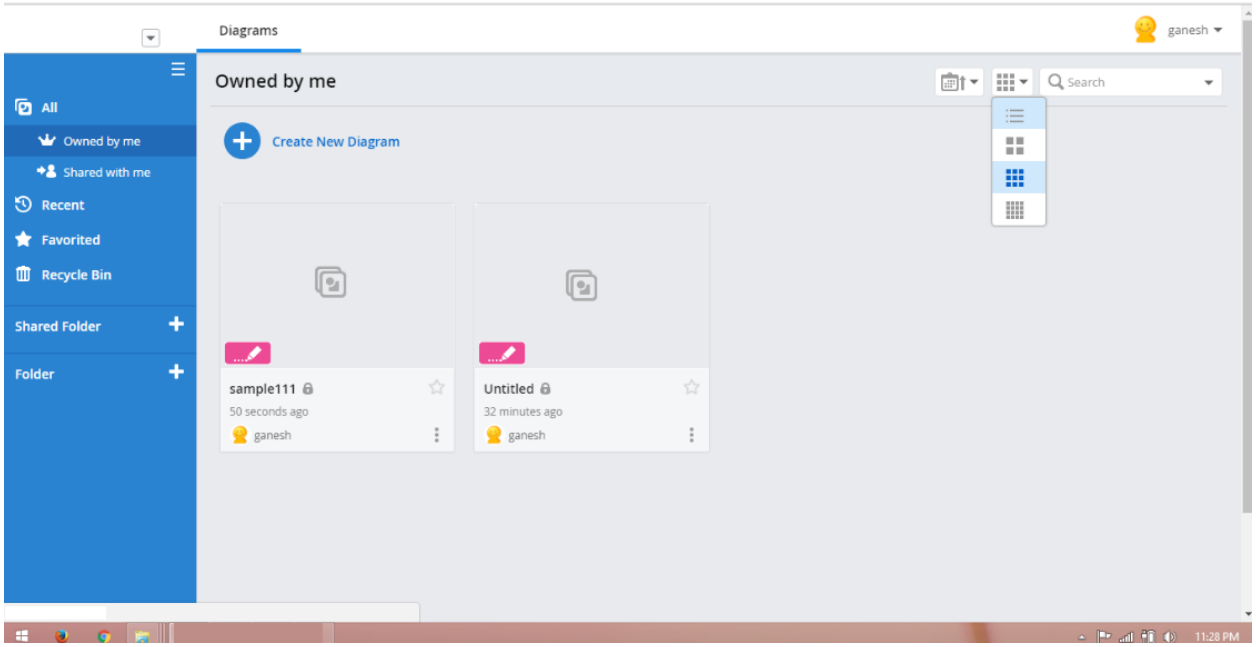
CHAPTER 6

IMPLEMENTATION

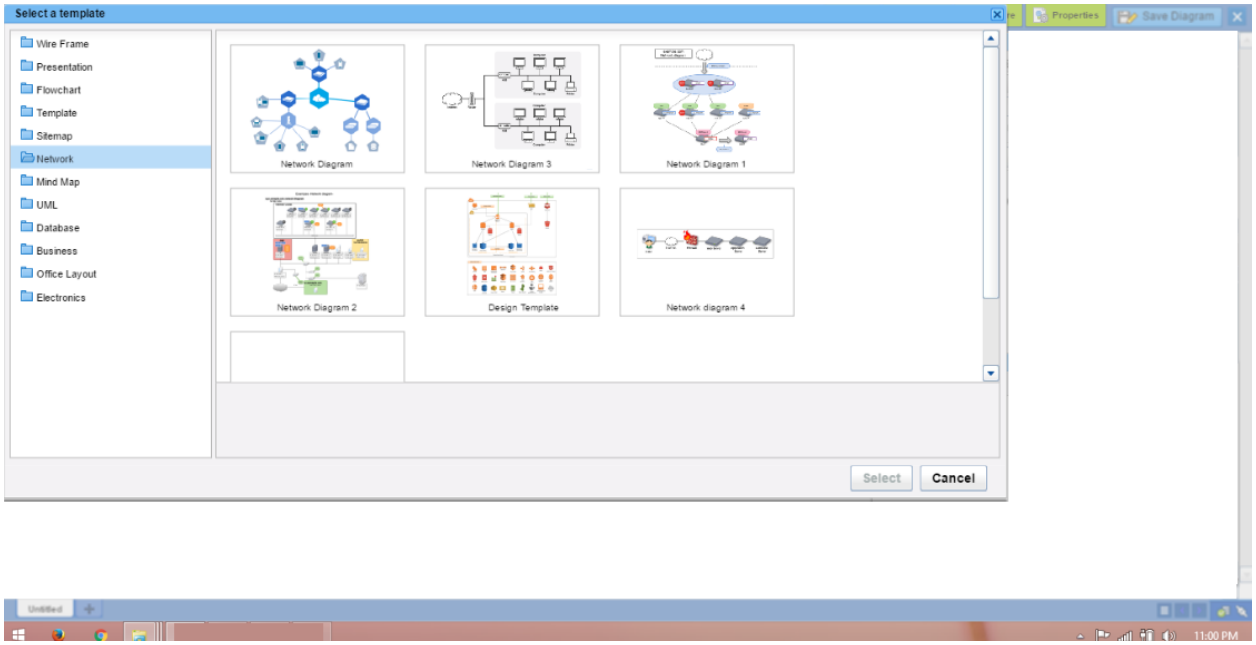
6.1 Screen shots



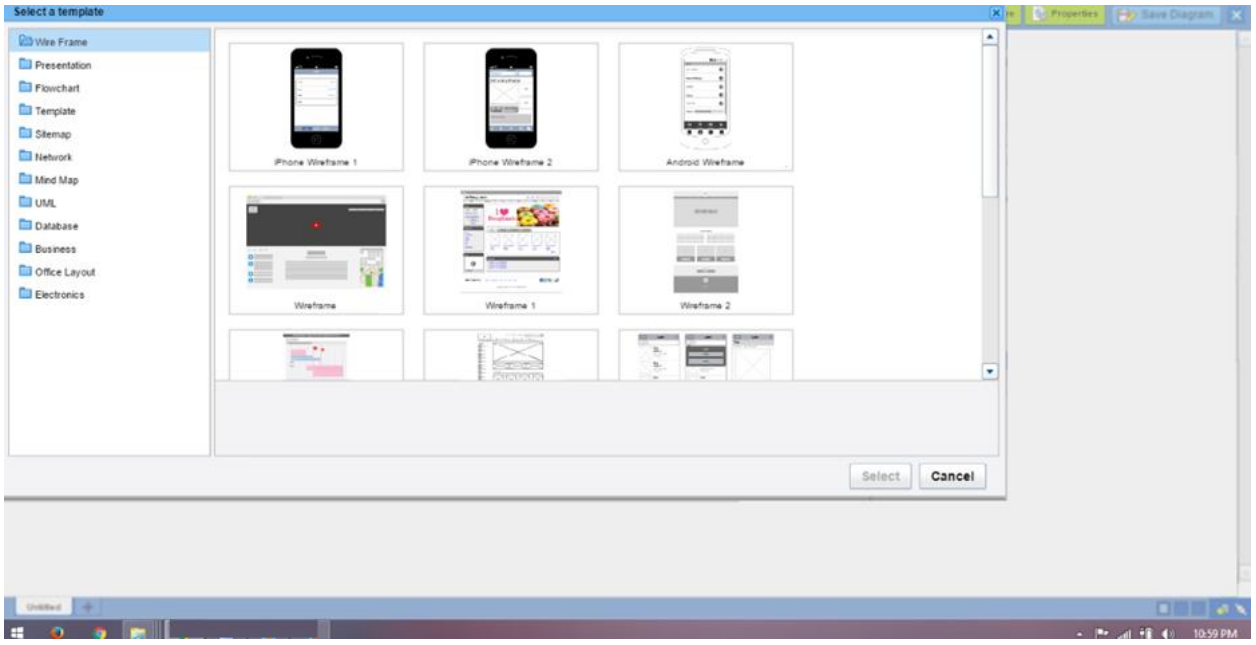
Login page



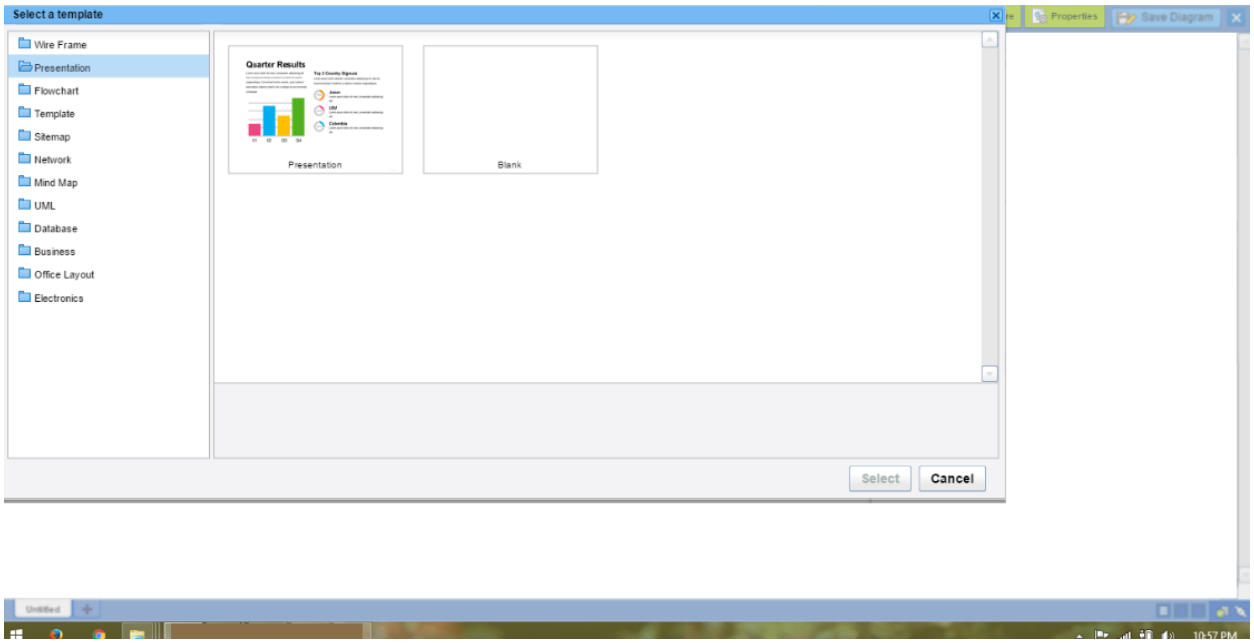
Management frame for data management and creation



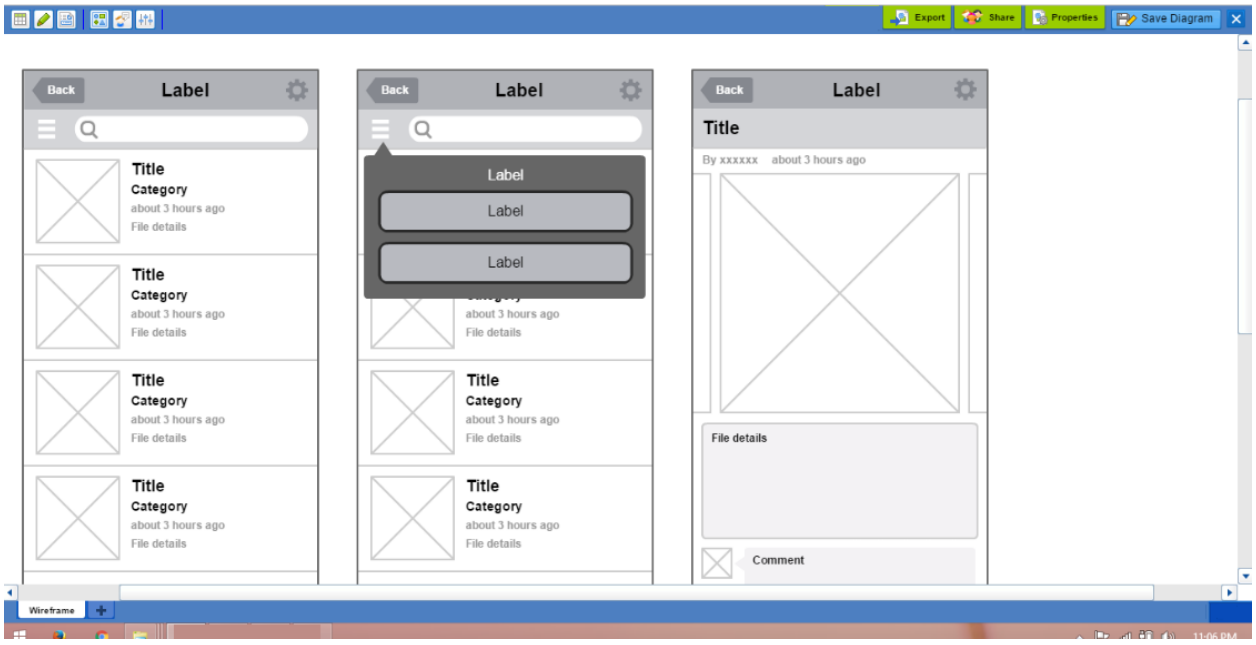
Templates and various categories are shown



Wireframe design option selected



Sharing business presentation



Options for the component based design

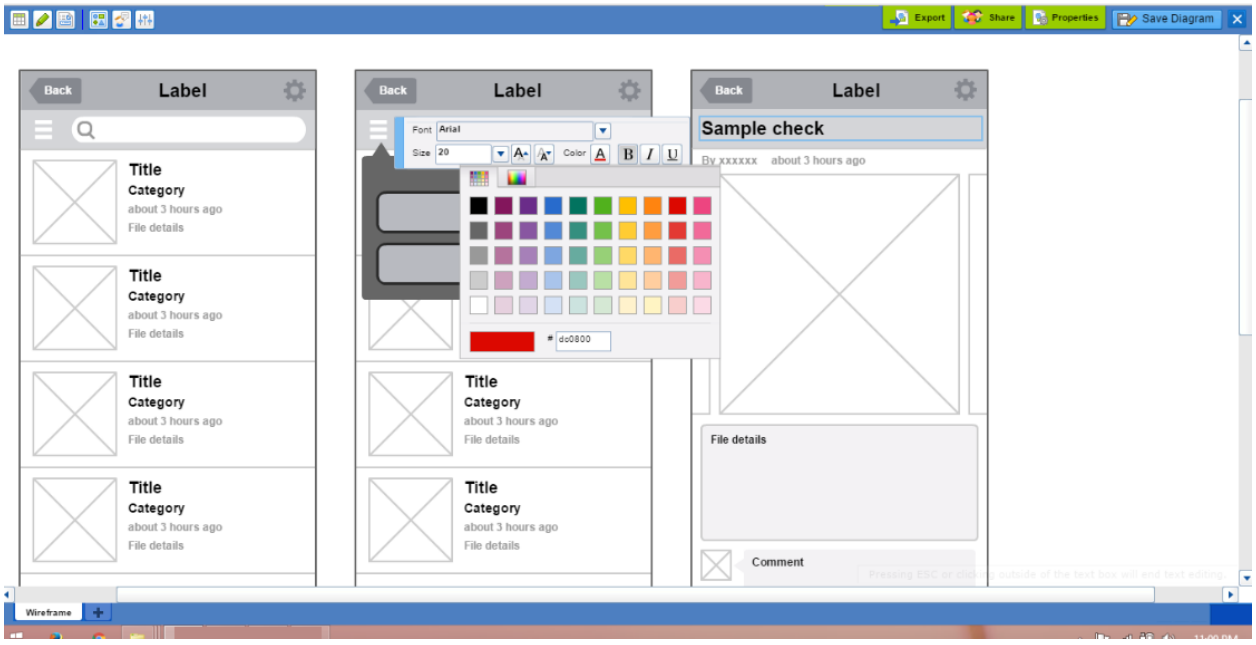
Setup

Free hand-Document conversion

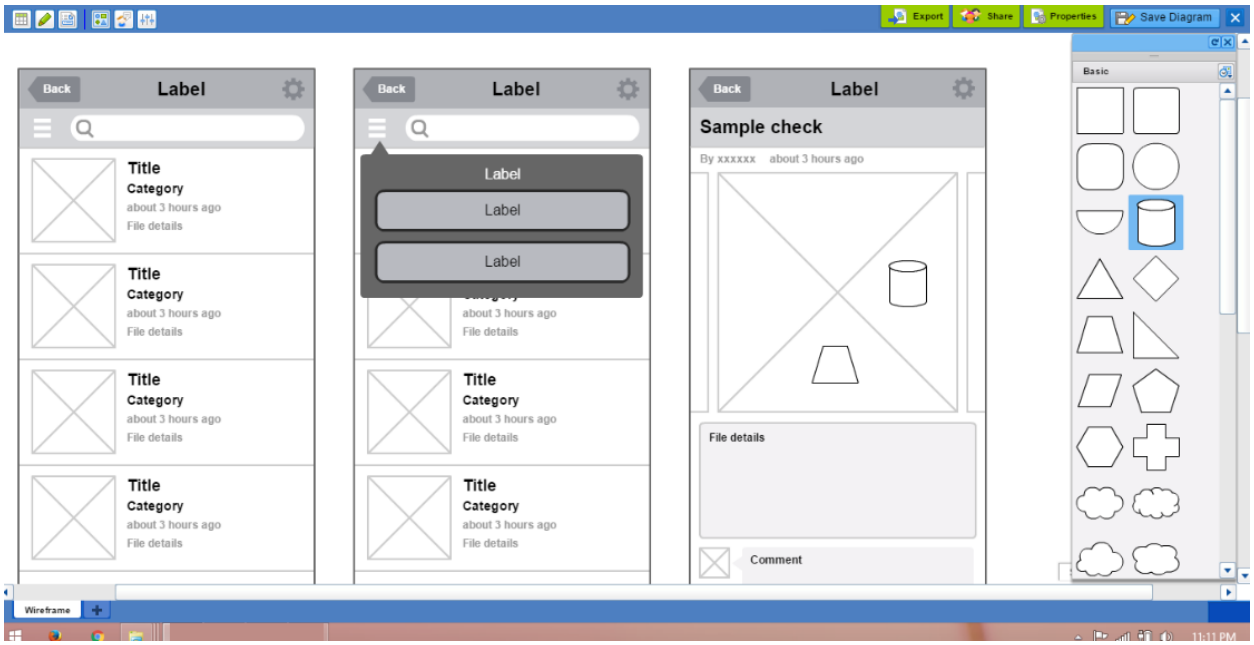
insert prebuilt elements

Upload

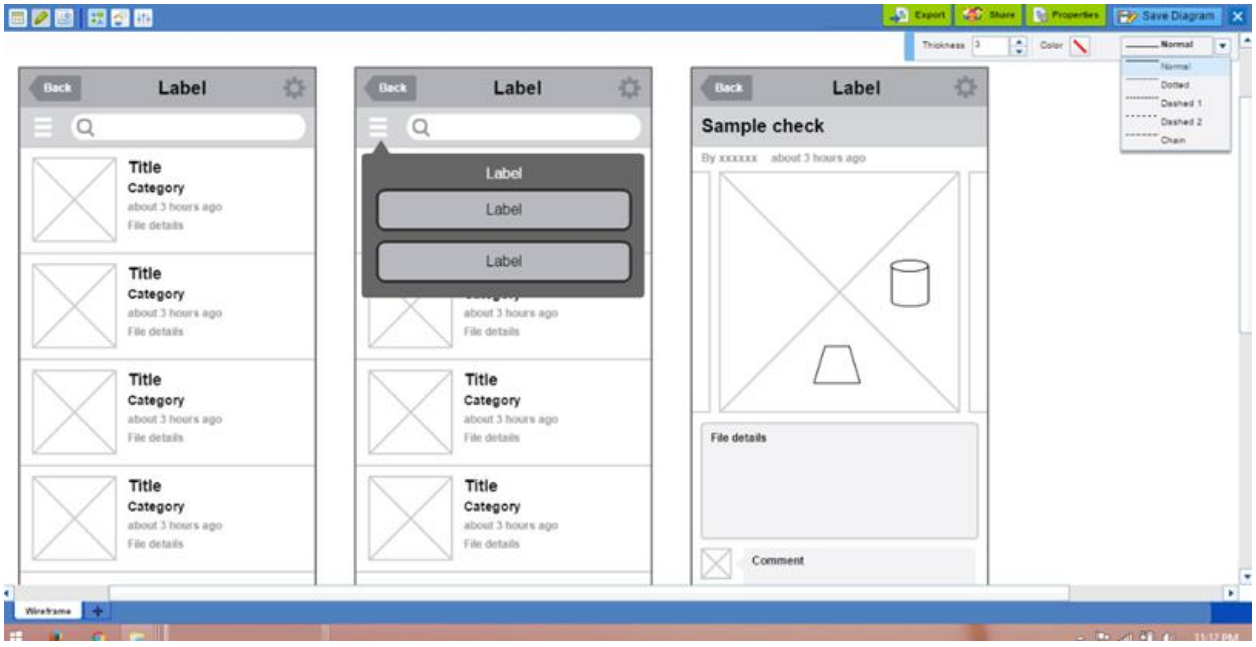
Custom



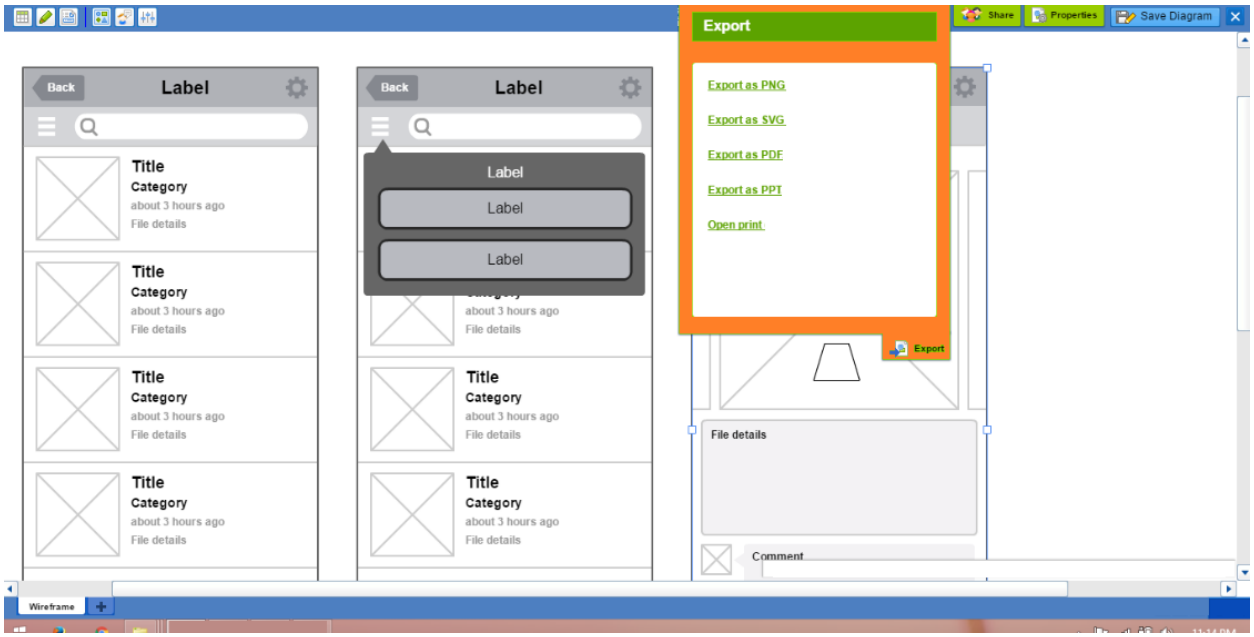
Component selections and customization is shown



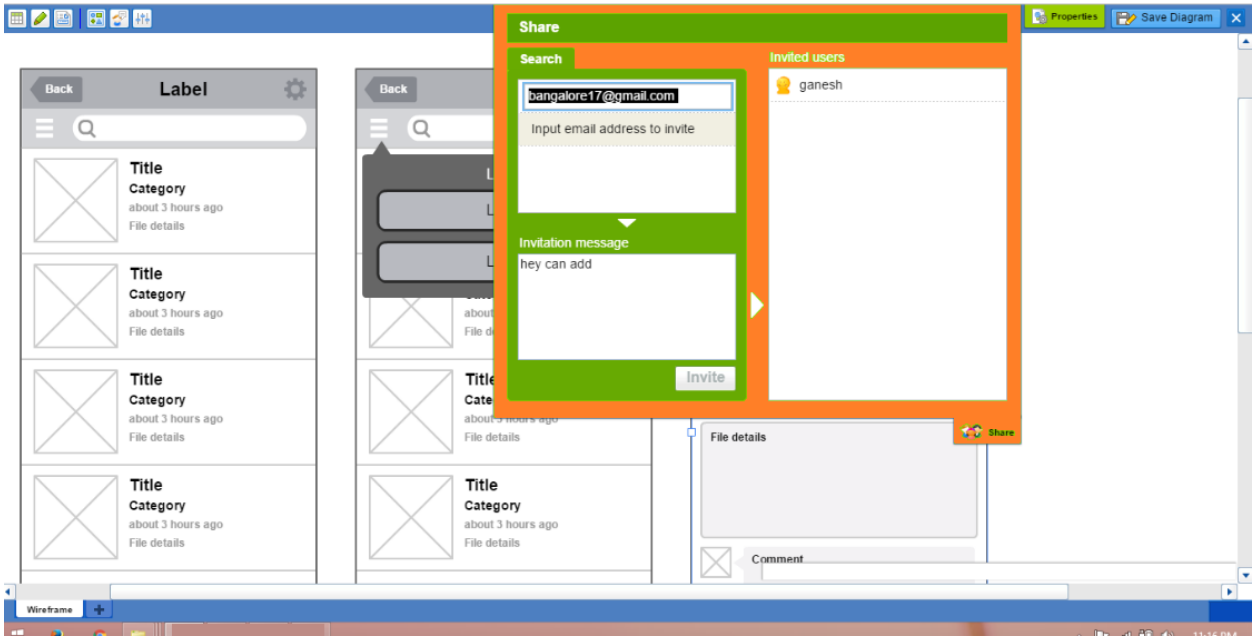
Various design elements shown



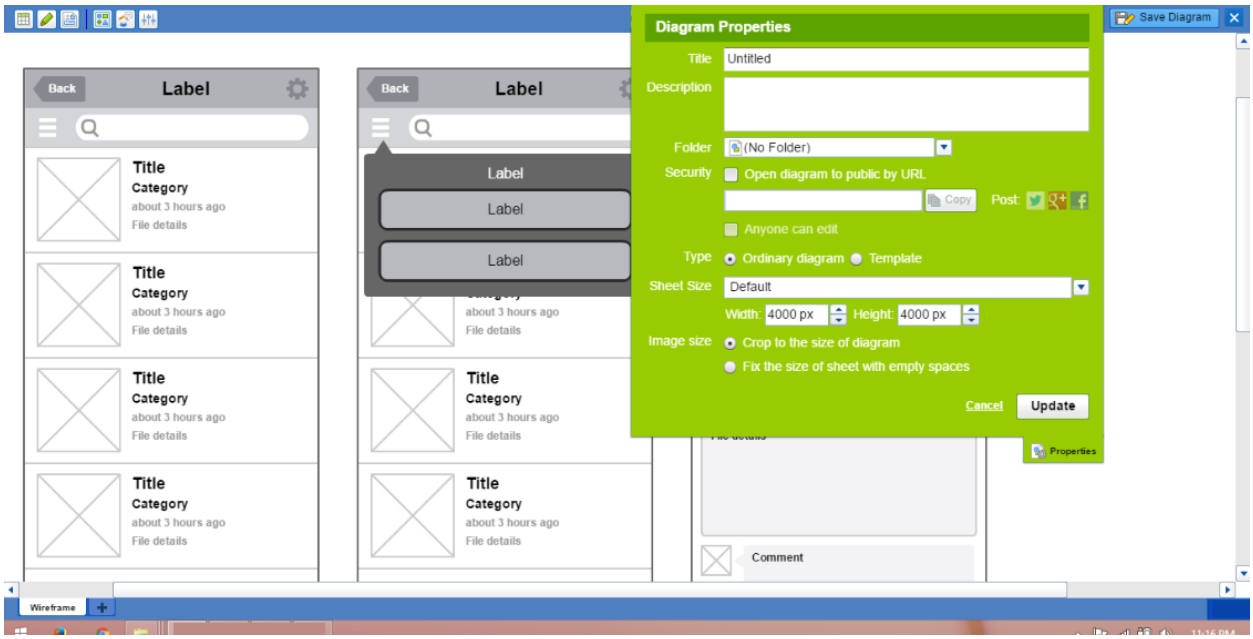
Custom options referenced with different selections



Export



Sharing



Sharing and custom options shown

CHAPTER 7

SOFTWARE TESTING

Testing is to find out any type of activity based problem that is faced within the system in real time. Testing will be performed for the purpose of finding the errors in this will be done to check different types of conditional working that is provided. Multiple considerations for the potential reference of error with the acknowledged which will be first drafted to understand which type of offences are required to be checked. Added requirement considerations will be undertaken so that we will be having a detailed understanding that how individual workability if and taken by the system so for example the related interactivity would be checked for the operations in synchronizations.

Various reference of testing will be undertaken by the testing team in coordination team have less distraction in reference to acknowledging the workability and even different types of environment setups will be undertaken because the system will be utilized in different types of references. Software testing is based on situations and detailed hypothesis for unrelated sections in idiosyncrasy which donated will have considered because we have to undertake the proper presentation should be provided by the system in consideration of the strategic overview. Overview in different types of references in detail will be done under the testing process in this will help us to maintain the working quality based on the strategic planning perceptions that are included within the system.

Figure

Reference of automation testing is shown

Unit testing

Unit preferences is a view of individual units to apprehend the working individually first after which the integration will be undertaken. Individual redefining of the units is very much helpful as this will help us to collaborate the references and to get the errors properly and with the help of unit testing all the references of the units would be undertaken and checked and at the right time will be rectified.

The unit preferences of the design formations will be checked so that we can acknowledge that the design outputs work properly in terms of different types of relation that is incorporated by the administrator and other users.

The display of the information in the integrated preferences of the information will be also checked because we have to reconsider that how the relational aspect is automatically checked with intelligence.

The unit preferences of the utilities will be also check for the vital processing.

Understanding of the display system and Staging with customization will be undertaken because frequent modifications will be undertaken.

Understanding the references of the hypothesis with the integrated Information retrieval system will be check for updates.

Automation

Automation testing is done with the help of automated tools that have presented so that preferences can be checked properly with fewer errors.

The software will present a detailed report which has to be properly drafted in terms of checking the situations and any type of problem can be rectified.

Less time is required to undertake the automation testing and we are undertaking the Selenium software.

Test cases

Serial	Test-case	Test-Input	Results	Actual	Checked the status	Severity category
1	Admin login	Provided credentials	Rule settings provided	Reference of admin considerations added	Pass	Critical
2	Teams	Details provided	Details added	Added users notified about working considerations required	Pass the test	Major
3	Page settings	Selective features	Screen with options	Working reference added	Pass	Critical
4	Analytics	Selective	Options provided	Based on requirements utilities are used	Pass	Critical
	Info-fetching	Settings	Options to	Updating and	Pass	Critical

5			select provided	integrations provided with the design identities		
6	Templates	Usage	Various examples shown	Templates can be used as required	Pass	Moderate
7	Identity relations	Automatic	As selective	Sync reference seen	Pass	Critical
8	Sharing data	Setups	Different options	Detailed options provided	Pass test	Critical
9	Security	Options and settings	Options for the security consideration used	Different security provisions supported	Pass test	Critical

CHAPTER 8

CONCLUSION

We can conclude that the approach and characteristic of the system matches with the strategic perception design formation that is needed by the organizations and we have utilized all the options that have included. All the option that is included within the system helps the users to acknowledge centralized working preference which is very much important for the cost benefit. The realization of the workability is properly acknowledged within the system and the references of designs are contained with proper work impressions in options so any type of requirement that arises for the collaboration based working for the design references is provided where we have utilized different types of utilities and we found that the approach of the utilities are properly defined.

The accomplishment of interactivity is also seen in any type of design formation that are been associated with any type of integrated information updates according to the new provisions where the system automatically approaches different platforms to get information and synchronize it. The provisions of the relationships and the data flow is made easier with the help of the system because all types of automation and intelligence is incorporated where any type of error in terms of the flow definitions for any type of data flow reference will be highlighted by the system. All types of situation all category references for modeling and creating the simulation project and we have acknowledged that the consideration support proper Optimization consideration for the generalized working by different workability guideline at the same time.Multi user has been added and we acknowledge that even multiuser workability is supported. Overall reference of the system is that it is a dominant channel which can be utilized by various types of organizations to put up the strategic references of a system and to accommodate different positions of work with proper standardized utilities.

CHAPTER 9

FUTURE ENHANCEMENTS

The future enhancement is in terms of that how the primary platform can be updated according to the new requirements so associated auditing will be conducted and whatever new references will arrive will be added as an added feature to the system.

More utilities can be added in the future.

Communication options can be added.

Mo tracking options of the user’s workability can be added.

Appendix A

BIBLIOGRAPHY

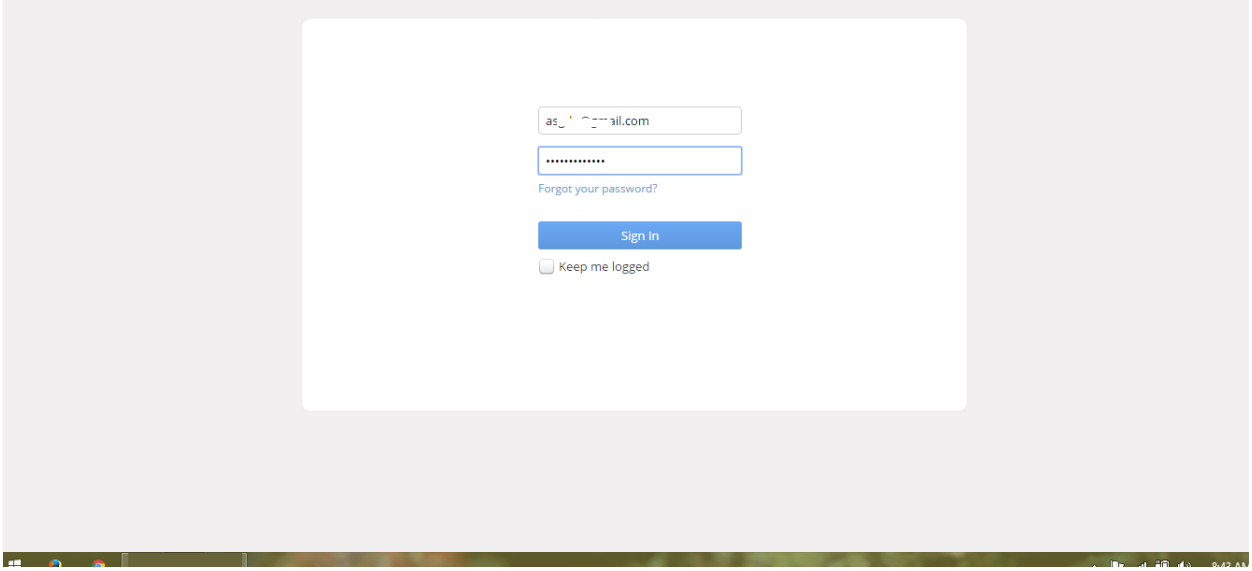
- The Arrival of Java 14!". Oracle. March 17, 2020. Retrieved March 17, 2020.
- "Bin stock, Andrew (May 20, 2015).”Java's 20 Years of Innovation". March 18, 2016.

Web referrals-

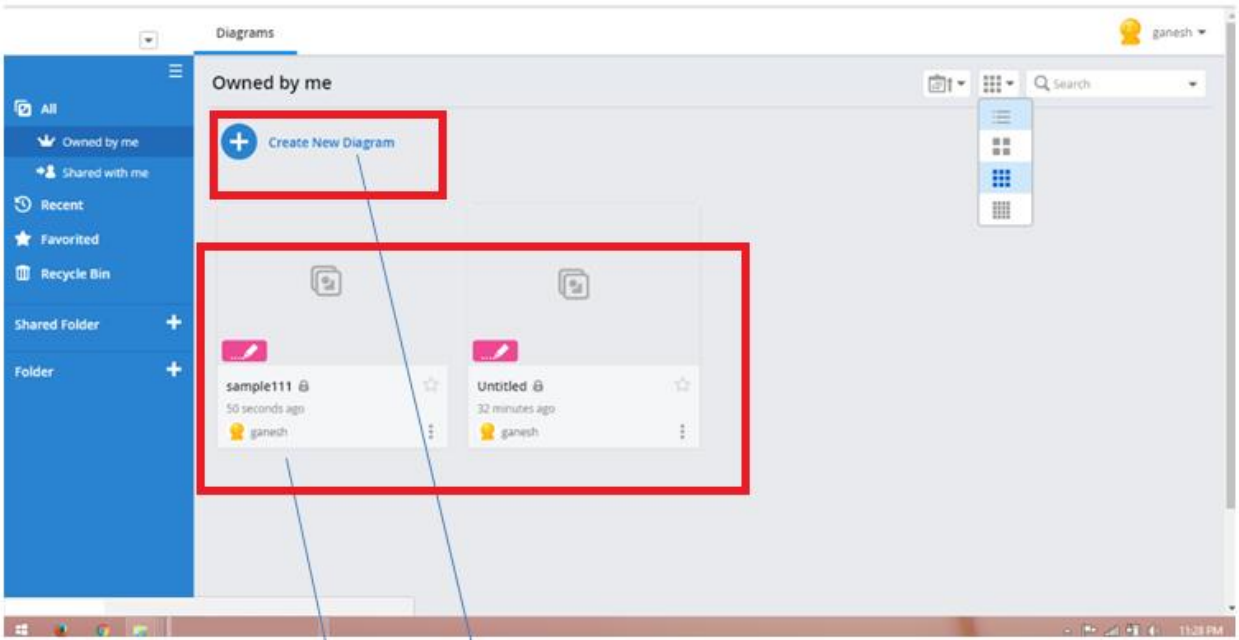
- www.wikipedia.com
- www.scribd.com
- www.microsoft.com
- www.google.com

Appendix B

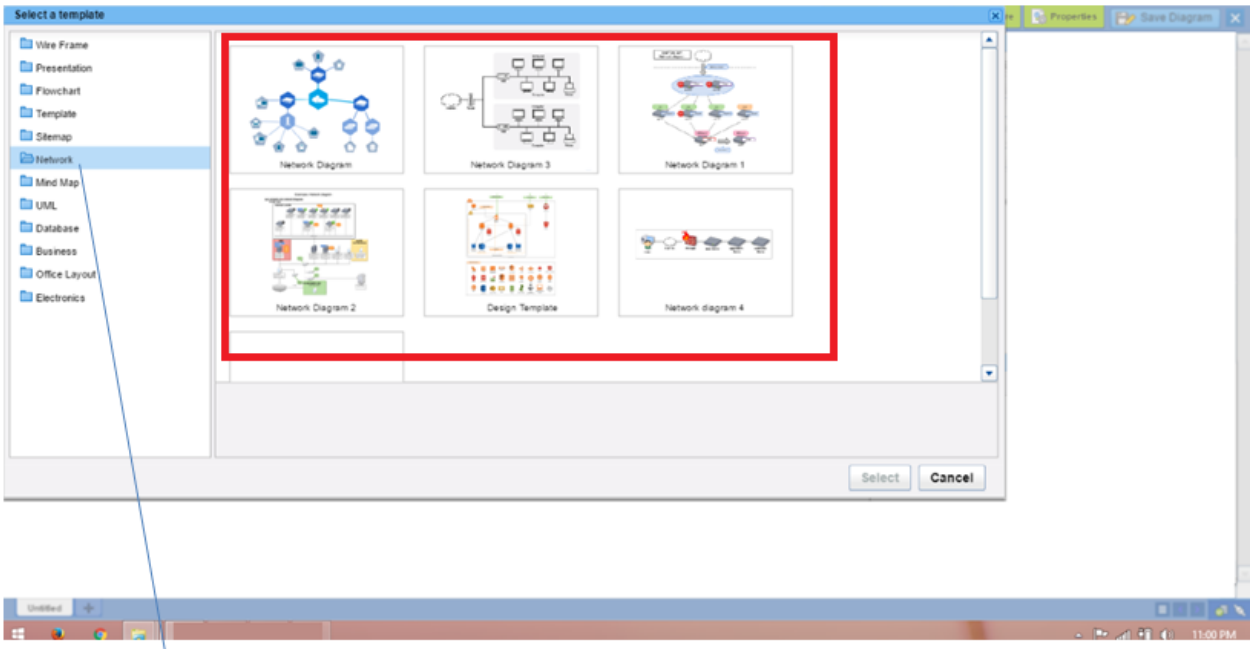
USER MANUAL



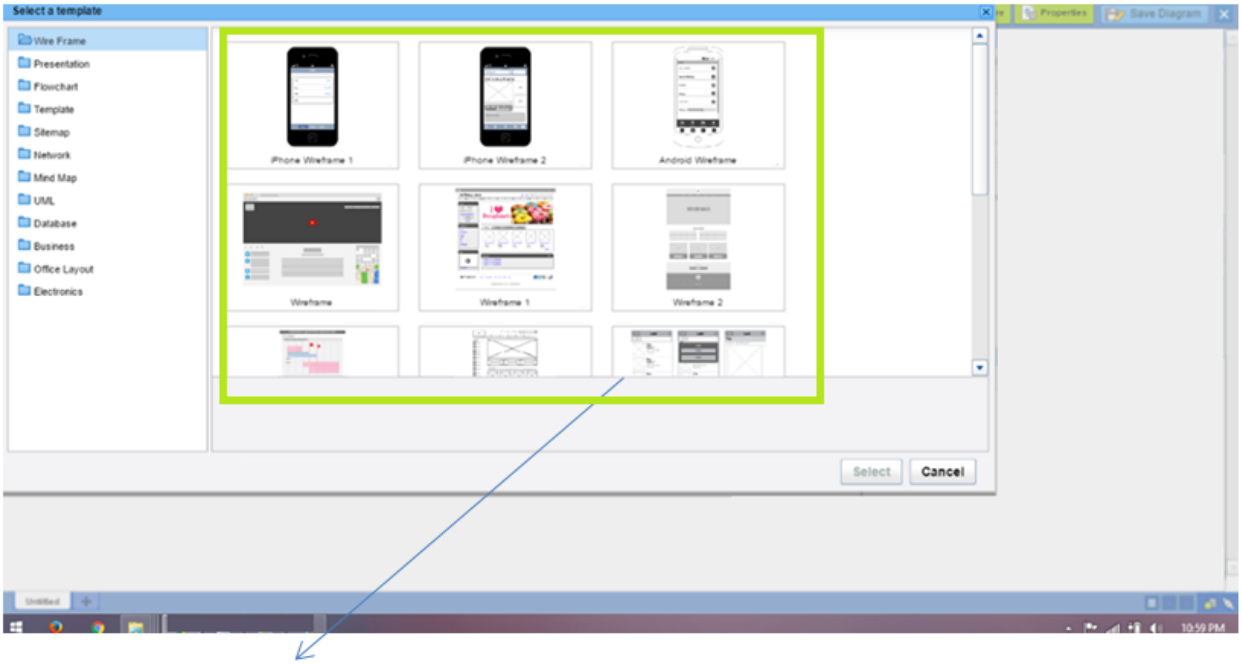
Login page



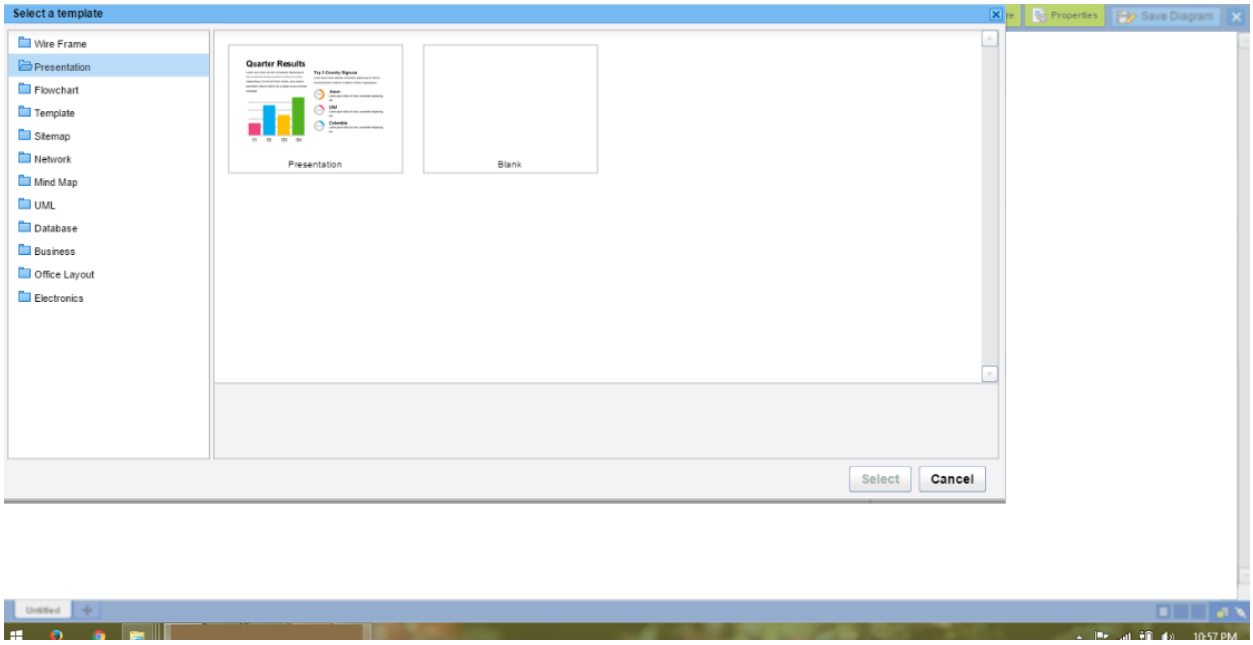
Management frame for data management and creation



Templates and various categories are shown



Wireframe design option selected



Sharing business presentation

Options for the component based design

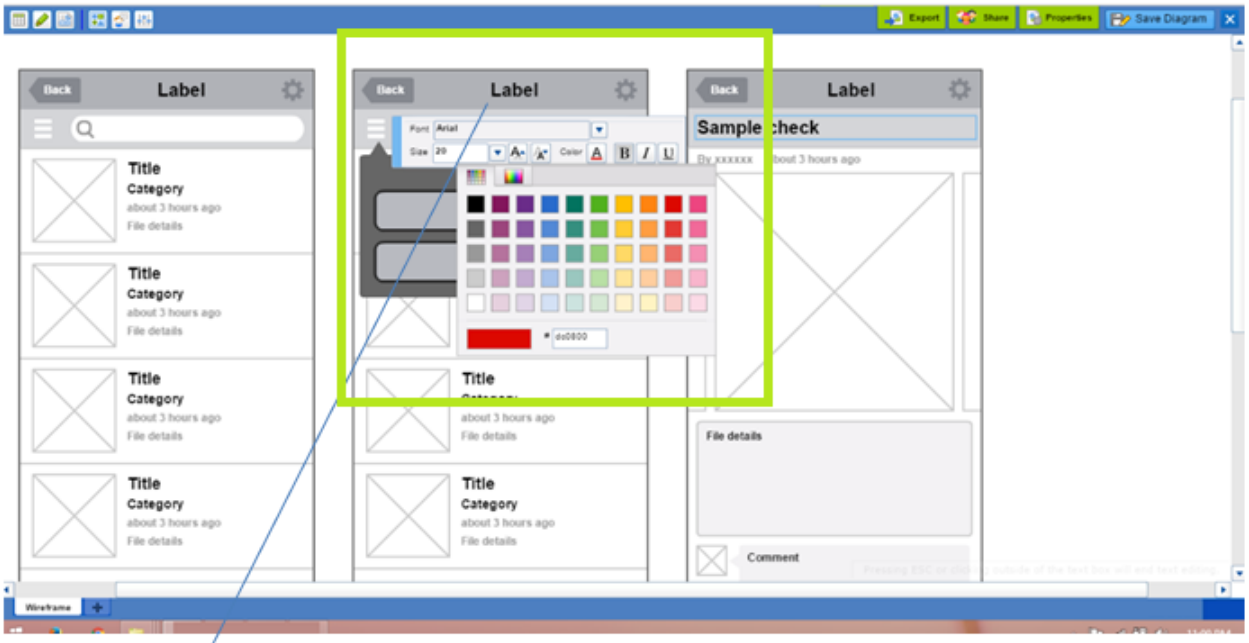
Setup

Free hand-Document conversion

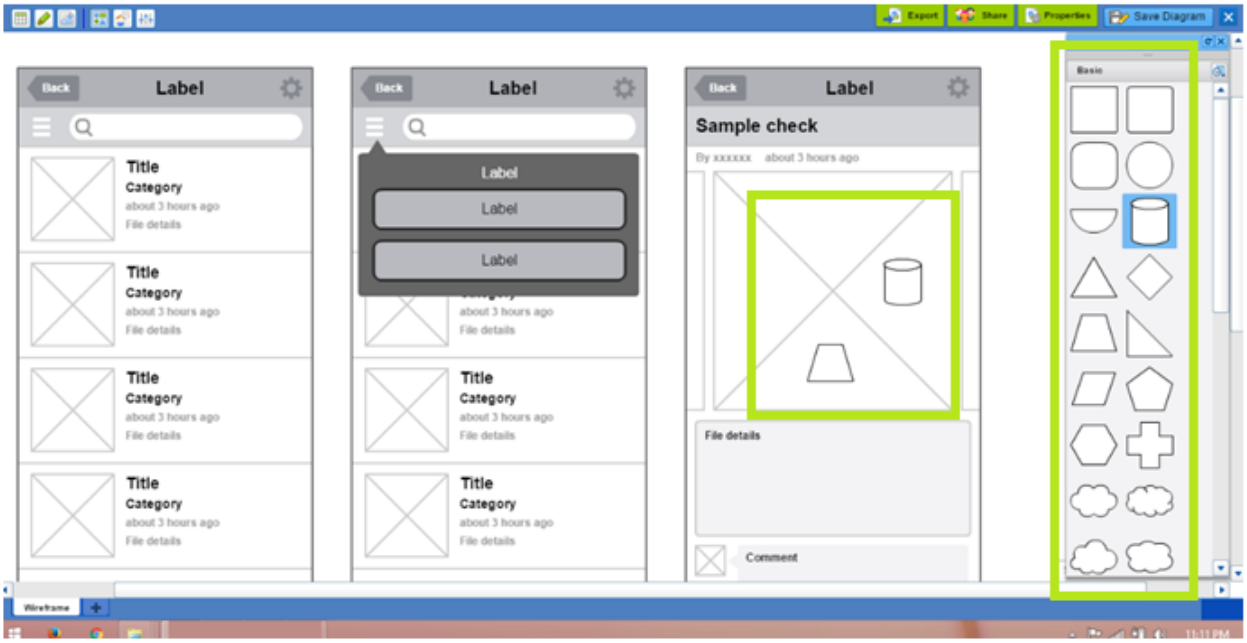
insert prebuilt elements

Upload

Custom

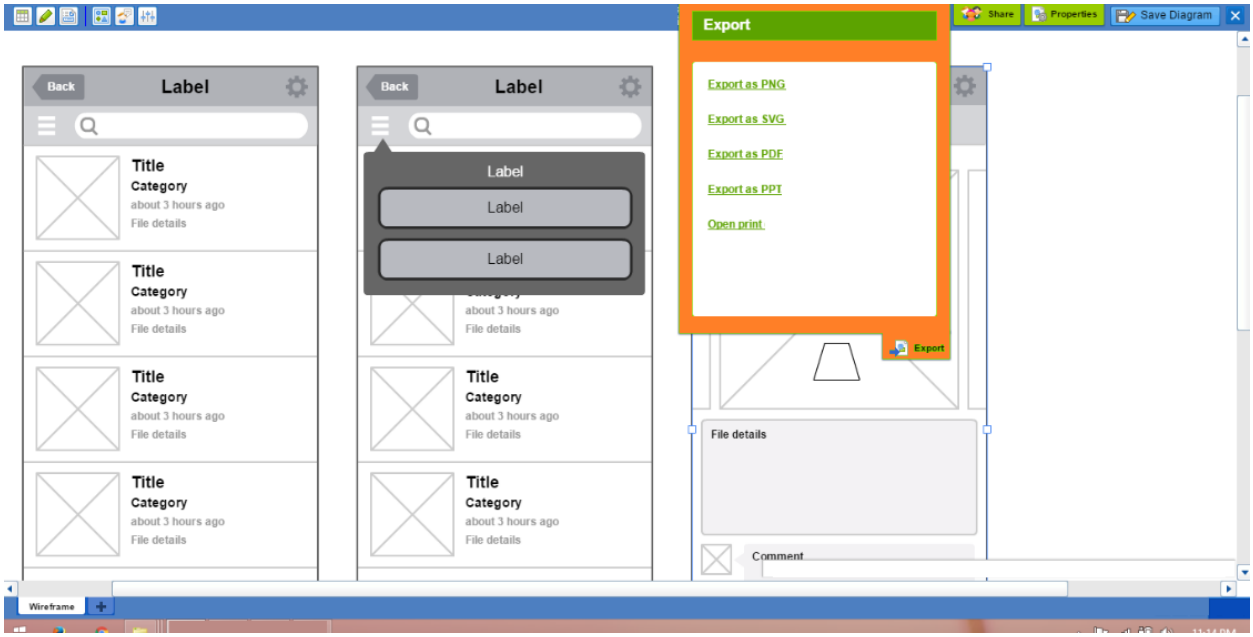


Component selections and customization is shown

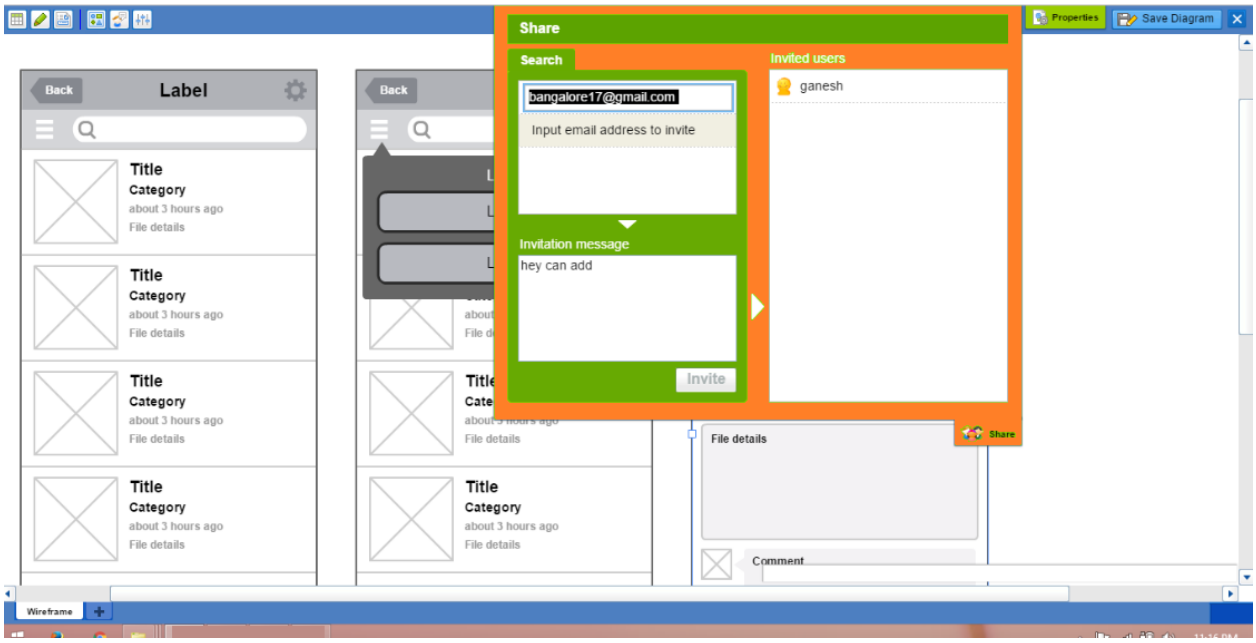


Various design elements shown

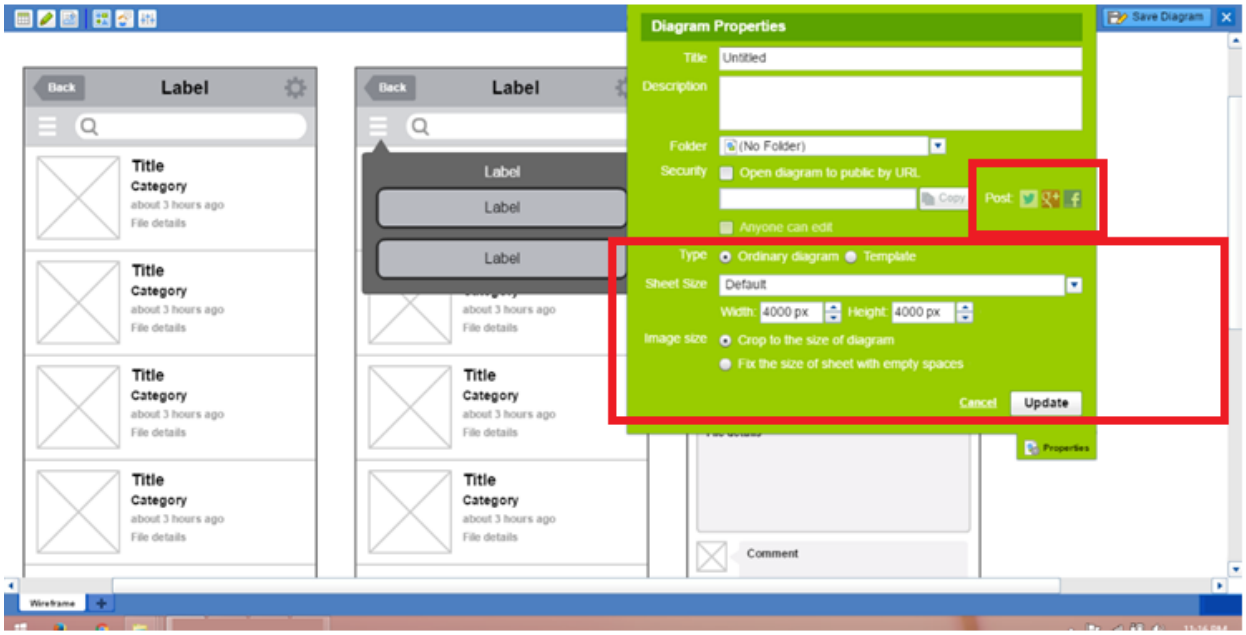
Custom options referenced with different selections



Export



Sharing



Sharing and custom options shown