

A project report on

***MULTICHANNEL TRANSMISSION BASED
CORPORATE PERSUADER***

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

MASTER OF COMPUTER APPLICATIONS
Of



Visvesvaraya Technological University
Belgaum, Karnataka

By

**PRAMODKUMAR M
1CR18MCA86**



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

A project report on

**MULTICHANNEL TRANSMISSION BASED
CORPORATE PERSUADER**

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

MASTER OF COMPUTER APPLICATIONS
Of



Visvesvaraya Technological University
Belgaum, Karnataka

By

PRAMODKUMAR M
1CR18MCA86



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

A project report on

**MULTICHANNEL TRANSMISSION BASED
CORPORATE PERSUADER**

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

MASTER OF COMPUTER APPLICATIONS

of

Visvesvaraya Technological University
Belgaum, Karnataka

By

**PRAMODKUMAR M
1CR18MCA86**

Under the guidance of

Internal Guide

Dr. Anu Manchanda
Associate Professor,
MCA Department,
CMR Institute of Technology,
Bangalore.

External Guide

Mr. Rakesh
Team Lead,
Semantic techlabs,
Bangalore.



CMR INSTITUTE OF TECHNOLOGY

132, IT Park Road, Kundalahalli, Bangalore-560037

2019-2020

CMR INSTITUTE OF TECHNOLOGY
Department of Master of Computer Applications
Bangalore - 560037



CERTIFICATE

This is to certify that the project work entitled

**MULTICHANNEL TRANSMISSION BASED
CORPORATE PERSUADER**

*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*

**PRAMODKUMAR M
1CR18MCA86**

during the academic year 2019-2020.

Signature of the Guide
Dr. Anu Manchanda
Associate Professor, MCA

Signature of the HOD
Ms.Gomathi.T
HOD, MCA

Signature of the Principal
Dr. Sanjay Jain
PRINCIPAL, CMRIT

External Viva

Name of the Examiners

Signature with date

- 1.
- 2.

No-89, Katigenahalli,
Bagalur main road, Bangalore-560064
Email: info@semantictechlabs.com,
Web: www.semantictechlabs.com,
Contact: +918904904120

CERTIFICATE

This is to certify that the project titled "Multi-channel transmission based corporate persuader" is submitted to Semantic Tech Labs 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 Mr. PRAMODKUMAR M (USN: 1CR18MCA86) under the supervision and guidance of Mr. Rakesh J (Technical Manager), Semantic Tech Labs Bangalore between the periods from 23/12/2019 to 27/5/2020.

The source code of the Project and executable file setup is not issued to the trainee as per the policy of the company. Screen print for the application is provided in limited no's.

Thanking You,

For Semantic Tech Labs



SEMANTIC TECH LABS
(Mr. Rakesh J) No. 89, Katigenahalli,
Bagalur Main Road,
Bangalore - 560 084

DECLARATION

I, **PRAMODKUMAR M**, Student of 6th MCA, **CMR Institute of Technology**, bearing USN **1CR18MCA86** hereby declare that the project work entitled “**MULTICHANNEL TRANSMISSION BASED CORPORATE PRESUADER**” has been carried out by me under the supervision of External guide **Mr. Rakesh** Technical Manager at Semantic Techlabs and under the guidance of internal guide **Dr. Anu Manchanda**, Associate Professor, Dept of Master of Computer Applications and submitted in the partial fulfilment 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 report has not been submitted to any other University or Institute for the award of any degree or certificate

Place: Bangalore

Date:

PRAMODKUMAR M

(1CR18MCA86)

ACKNOWLEDGEMENT

I would like thank to all those who are involved in this endeavour 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. Rakesh, Technical Manager, Semantic Techlabs, Bangalore, and to my Internal Project guide Dr. Anu Manchanda, Associate Professor, Department of MCA, CMRIT, Bangalore without whose help and support throughout this project would not have been this success.

I am thankful to Dr. SANJAY JAIN, Principal, CMRIT, and Bangalore for his kind support in all respect during my study. I would like to thank Mr. Rakesh, Technical Manager, Semantic Techlabs, Bangalore 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.

PRAMODKUMAR M
(1CR18MCA86)

Project Report

ORIGINALITY REPORT

2 %	2 %	0 %	%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	en.wikipedia.org Internet Source	<1%
2	es.scribd.com Internet Source	<1%
3	rd.springer.com Internet Source	<1%
4	Adriana Soares, Sandra Dutra. "Chapter 5 Virtual Reality Applied in Distance Education", IntechOpen, 2012 Publication	<1%
5	www.fmcsa.dot.gov Internet Source	<1%
6	project.esolweb.com Internet Source	<1%
7	euroasiapub.org Internet Source	<1%
8	oranguide.com Internet Source	<1%
9	Masaki Hasegawa, S. Bhalla, T. Izumita. "A User Oriented Query Interface for Web-Based Geographic Information Systems", 2007 Japan- China Joint Workshop on Frontier of Computer Science and Technology (FCST 2007), 2007 Publication	<1%

S.NO.	CONTENTS	Page No.
1	INTRODUCTION	1
	1.1 PROJECT DESCRIPTION	1
	1.2 COMPANY PROFILE	3
2	LITERATURE SURVEY	5
	2.1 EXISTING AND PROPOSED SYSTEM	5
	2.2 FEASIBILITY STUDY	7
	2.3 TOOLS AND TECHNOLOGIES USED	8
	2.4 HARDWARE AND SOFTWARE REQUIREMENTS	13
3	SOFTWARE REQUIREMENTS SPECIFICATION	14
	3.1 FUNCTIONAL REQUIREMENTS	15
	3.2 NON-FUNCTIONAL REQUIREMENTS	17
4	SYSTEM DESIGN	19
	4.1 SYSTEM PERSPECTIVE	19
	4.2 CONTEXT DIAGRAM	20
5	DETAILED DESIGN	23
	5.1 USE CASE DIAGRAM	23
	5.2 SEQUENCE DIAGRAM	25
	5.3 ACTIVITY DIAGRAM	27
	5.4 ER-DIAGRAM	29
6	IMPLEMENTATION	31
	6.1 SCREEN SHOTS	31
7	SOFTWARE TESTING	37
8	CONCLUSION	41
9	FUTURE ENHANCEMENTS	42
10	APPENDIX A BIBLIOGRAPHY	43
11	APPENDIX B USER MANUAL	44

CHAPTER 1

INTRODUCTION

1.1 PROJECT DESCRIPTION

Global communication is required in different references which will have a direct impact on the business so it has to be organized with proper caution and with proper strategy. The references can be indifferent perceptions for example it can be related to the business communication or it can be in reference to business optimization for the global identity. As in terms of different types of references it is quite elaborative for the organizations to deal and manage the references of the work so a system is being designed in such a way that the organizations can use it in multiple references at the same time with the guided regulations required to be implied. Illustration of the business is much needed due to more competitive requirements which have to be established properly by the organization.

The system will provide a substitute for multiple activities which and he undertaken in reference to illustrations on different platforms and with different types of integrated mechanism. The system is well integrated with custom option where each option that is required to be undertaken for the illustration can be customized in accordance to the requirements. The system will provide multiple selected options which have to be utilized by the organizations in reference to the requirement for different activities that are required to be conducted and even multiple activities can be customized and can be utilized at the same variation which provides the flexibility that is required by the organizations to conduct global illustrations and interactions.

For the proper global presence industrial interactions in communications with substantial reference is required by the organization so that the required goal achievement can be accomplished. Systematic variations from one organization to another organization requires different types of activities to be processed so the system is being designed in a way that it can be used globally with different types of procedures so that elaboration in terms of working can be provided and it will be more cost effective and will stake multiple organizations at the same time on a service platform.

Multiple features can be individually organized as the system provides a large degree of work and even supports the parallel work process, eventually all types of measures for proceedings that are required in terms of cooperation can be reviewed individually with detailed workability options included. The system is also provided in a way so that organizations can administer the variations that are required for control and workability by customizing the regulation which can be directly implemented.

Multiple approach will be used so that more and more business admires can the targeted in the conceptualization of the business can be properly transmitted. The monetary usage of the system is also provided where the organizations will be having the options to select the related work ability in accordance to their own requirement making it more expected for the cost effectiveness and can utilized by multiple small scale industries or corporate organizations.

Intended workability that is required to the associated for the usage of the stage and the related features is also provided in a design way so that whenever a particular feature is being selected the system will provide all types of view point which are required for that particular work consideration. As all types of viewpoints are provided in terms of the features selected the supervision and regulation of the workability will be easy as required experts are not needed to carry out the activities. Even the assets that are required for undertaking the activities are incorporated in a way that it can be utilized on the service basis with different types of choices provided.

The system also provides all types of approaches which are required for multi identity interactions and all types of optic that is needed for proper utilization of the features and workability. The system also provides allocated space which will be utilized by the organizations to manage their working data which will be generated as different types of perceptions will be acknowledged. The Systematic synchronization that is provided between different types of activities will provide self-regulating provision so that multiple teams can be associated on a global consideration making it more workable for different types of organizations.

Information popup and updates are also included so that collective working can be established as multiple channels will be utilized at the same time and which requires proper intimation of the information. Multiple users based on clients and based on the organization workforce can be included on to the system for different types of working reviews. System also Associates repository which can be given in different types of integrated security options so that are flexibility of storage can be provided. For accomplishing the activities in more appropriate way the synergy window can be divided into multiple sub sections which will provide a better working and sharing options.

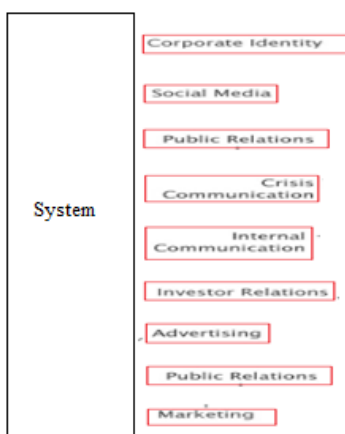


Figure-

Shows the aspects undertaken by the system on service basis

Multiple customization options are also provided which can be included according to the work and system provides all types of compatibility which are needed for better prominence and for more global reciprocal understanding. The articulation that is needed can be self-organized with the defined regulations and the required abstractions by the organizations using the system. Information tracking system is also included so that the workability summary in terms of the impact can be organized which help for better apprehension of the activities conducted and even will help for proper plan perfection.

1.2 COMPANY PROFILE

Semantic tech labs



Profile

The association is related with different business recognitions as far as various Global accomplices. The Organization was built up in 2009 and now benefits various kinds of hierarchical space organizations in reference to various very good quality business insight and hand craft arrangements. The significant changes and adjustments that are required as far as the administrations furnished will be furnished with the assistance of cooperative innovative work group.

The working observation is as far as tweaked relationship with each customer to give them all the necessities they require with progressively ideal understanding as an extensive research work will be embraced to give any sort of administration required by the customer. The organization takes a shot at worldwide scale to give the specific prerequisite comprehension of the customers as the customers will be related with various areas for instance software's, retail, banking and so on.



Some of the main services provided by the organization are listed below-

Web Application Development

Payment Gateway Integration

UI/UX Design for Web Application

Architecture Design

Database Migration

Backup & Recovery

Feature Enhancement

Application Migration & Porting

Database Design & Development

Software Testing

Software Development

Market research and prediction

CHAPTER 2

LITERATURE SURVEY

2.1 EXISTING AND PROPOSED SYSTEM

2.1.1 Existing System

According to the discussions that have made in terms of the clients in different scenarios we found that multiple optical are been accomplished in terms of the global communication and in terms of the identity that is required. We found that organizations are bound to utilize various type of expertise workforce to have energetic activities undertaken which event requires different types of resources making the overall action much more complicated and expensive.

Some of the important issues that has been studied in terms of the issues faced is listed as following-

- Important consideration that has been acknowledged as in terms of the issue is being the usage of different types of resources which has to be individually organized making it intricate
- We have also out line that there is no system which can utilize on service for the adequate working requirements so each and every organization has to outline their own problems and the requirements in terms of activities require to be accomplished
- We have also seen that multiple distribution of the work from a singular system is not supported in the existing work scenario and eventually each and every activity has to be organized indifferent perfection
- In the existing system we have of acknowledged that security requirements is quite difficult to be handled as persuasive control is required and as multiple types of associations are required it is quite difficult for the organization to handle the working rights when accessibility consideration
- Multiple frame design customization for more annotations in terms of working and understanding is also not supported in the existing what scenario which makes the working slow
- In the existing what scenario we also found the situation that arises in real time in terms of compatibility as different types of collaterals designed by different vendors are utilized by different types of organizations
- Multi activity at the same time from a singular platform based on universal working is also not support it so the control is quite complicated to manage
- Activity based support to accomplish the task with inbuilt it information and outline are also not supported so the organizations require expertise for different aspects of workability

- Scalability issues are also found due to the usage of different types of resources
- Automation in terms of statistics for the work which provide a relational understanding of the work is also not supported which eventually will have a negative impact in terms of activity understanding

2.1.2 PROPOSED SYSTEM:

In the proposed system the features of cluster in a way that all centralized service can be provided to multiple organizations for the intended business collaboration. As we have discussed multiple issues above all important references are taken into consideration while designing the propose system outline. The proposed system is associated with self-working which it is required to eliminate more working expertise and eventually making of cost elimination.

Important aspects of the proposed system is listed as following-

- In the proposed system the main important consideration that has been taken is that organizations will be provided with an authoritative selection option so that according to the requirements the required features can be utilized from single service stage
- In the propose system each type of activity is designed in a way that system will promote the workability standards and different levels of setups so that the activities can be properly organized with flexibility
- Multiple parallel proceedings can be organized at the same reference with different approaches from a single system making it unique and more cost effective for the organizations looking for multiple globe activities to be undertaken at the same time
- The proposed system provides all types of security which is required for an impressive working acknowledgement as when different types of activities are undertaken multiple types of users will be associated and requires to be handled for the security perceptions and workability rights
- Customizations for or multi activity from a single frame for more useful implication of the features is provided within the system which can be setup with the help of different customized options provided in real time
- Provides the required on the service also which can be outlined according to the plan scenario and even will eliminate the compatibility issues that are faced by the existing working scenario by the companies
- The propose system can be used for global Association for different projections of the working based on interactions and representation

- The system is designed in a way that all type of scalability can be provided and even multiple types of integration support is provided for more substantial usage and work elaboration
- Statistics that had required in different plan formulations and for different types of the prominence identification is also associated with the system which will help the users for more understanding of activity
- Repository formulation is also supported in the proposed system to provide proper data management

2.2 Feasibility study

Feasibility study is the requirement that has to be discussed so that the existing scenario weakness can be properly understood and accordingly the proposed system can be designed and it has to be judged based on different factors for the feasibility

Operational feasibility

Technical feasibility

Economic feasibility

Operational feasibility

Is the system is intended for the global work requirements to be organized it has to be economic operational cost will be discussed to maintain the affordability entrance of different clients using the system

The Systematic usability that is needed for maintaining different features at the same time based on interactions has to be included in an easier way and has to be check that the users can understand the working

Improper support will be provided to the clients so that they can manage all the encapsulated workability that is included with all intentions of real-time consideration

Proper documentations and visibility contents will be provided

Technical feasibility

The draft that has to be included for customized working will be checked for each option based on different types of conversations in operations that will be undertaken in different concepts by different organization

The technical perceptions of real time working will be checked for the reciprocal working and for better considerations of integrated working where multiple clients and Associates will be acknowledged at the same time

The compatibility in terms of working in different environment will be checked so that amass can be provided to the user

Accessibility and clustering will be checked for the feasibility as multiple groups in categories will be included



Figure

Feasibility study association is shown in the above diagram

Economic

The required work force and the recombination that is required to undertake the work will be properly planned as the cost perceptions are required to be considered.

Proper analysis to identify and diagnose the market it and the return on investment will be performed by the experts of the financial department.

Analytical tools should be utilized for the calculations

2.3 TOOLS AND TECHNOLOGIES USED

Python



Python is a broadly useful, adaptable and mainstream programming language. It's incredible as a first language since it is compact and simple to peruse, and it is additionally a decent language to have in any developer's stack as it very well may be utilized for everything from web advancement to programming improvement and logical applications.










Instinct mode is obliged better testing and to keep up a real testing acknowledgment

It is continuously natural to the extent working

It is object masterminded in nature

MySql

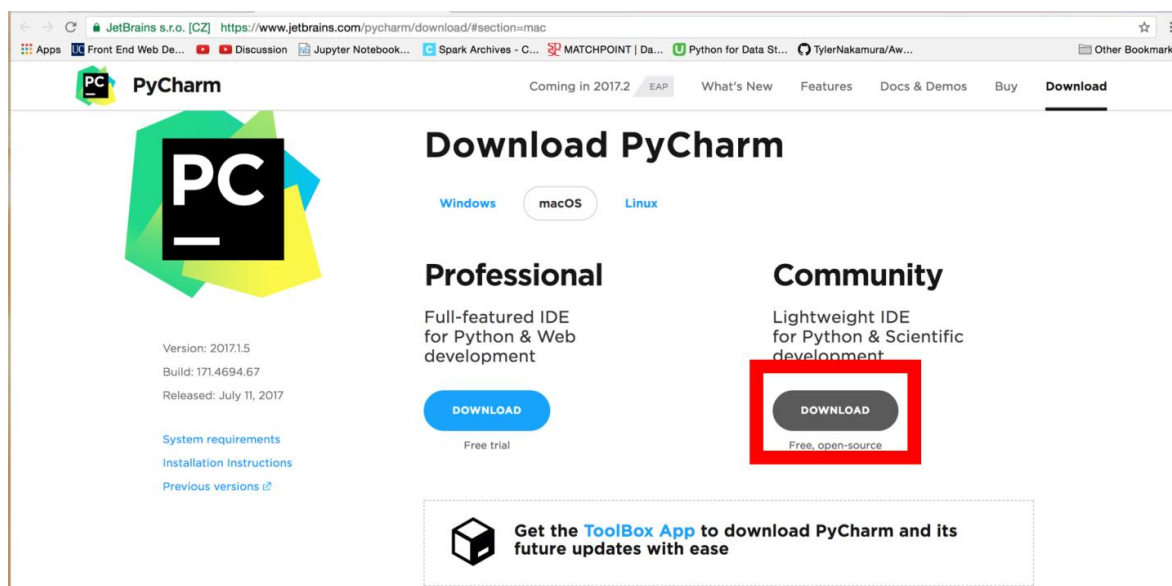
MySQL Stored methods are helpful considering the way that when we make our set aside methodology in SQL, we understand that it will continue running on each phase that MySQL continues running on, without obliging us to present an extra runtime-condition pack or set approvals for program execution in the working system.

 Tools	5/15/2017 5:07 PM	File folder	
 LICENSE.txt	3/21/2017 6:47 PM	Text Document	30 KB
 NEWS.txt	3/21/2017 5:48 PM	Text Document	328 KB
 python.exe	3/21/2017 6:44 PM	Application	99 KB
 python3.dll	3/21/2017 6:42 PM	Application extens...	57 KB
 python3.exe	3/21/2017 6:44 PM	Application	99 KB
 python36.dll	3/21/2017 6:42 PM	Application extens...	3,480 KB
 pythonw.exe	3/21/2017 6:44 PM	Application	97 KB
 vcruntime140.dll	6/9/2016 10:53 PM	Application extens...	86 KB

Open a new command prompt and type “python3 --version”.

```
C:\Users\Jason>python3 --version
Python 3.6.1
```

Download the community edition of Pycharm for your operating system: Link



JetBrains s.r.o. [CZ] <https://www.jetbrains.com/pycharm/download/#section=mac>

PyCharm

Coming in 2017.2 EAP What's New Features Docs & Demos Buy **Download**

Download PyCharm

Windows macOS **Linux**

Professional
Full-featured IDE for Python & Web development

DOWNLOAD
Free trial

Community
Lightweight IDE for Python & Scientific development

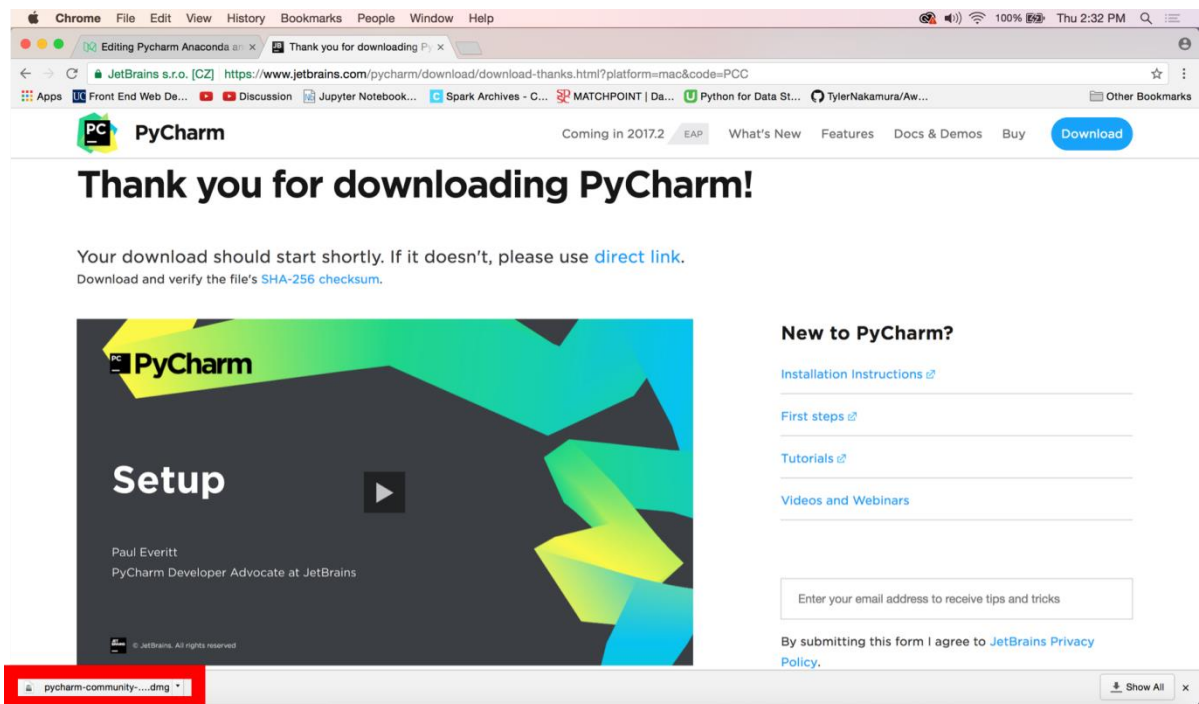
DOWNLOAD
Free, open-source

Version: 2017.1.5
Build: 171.4694.67
Released: July 11, 2017

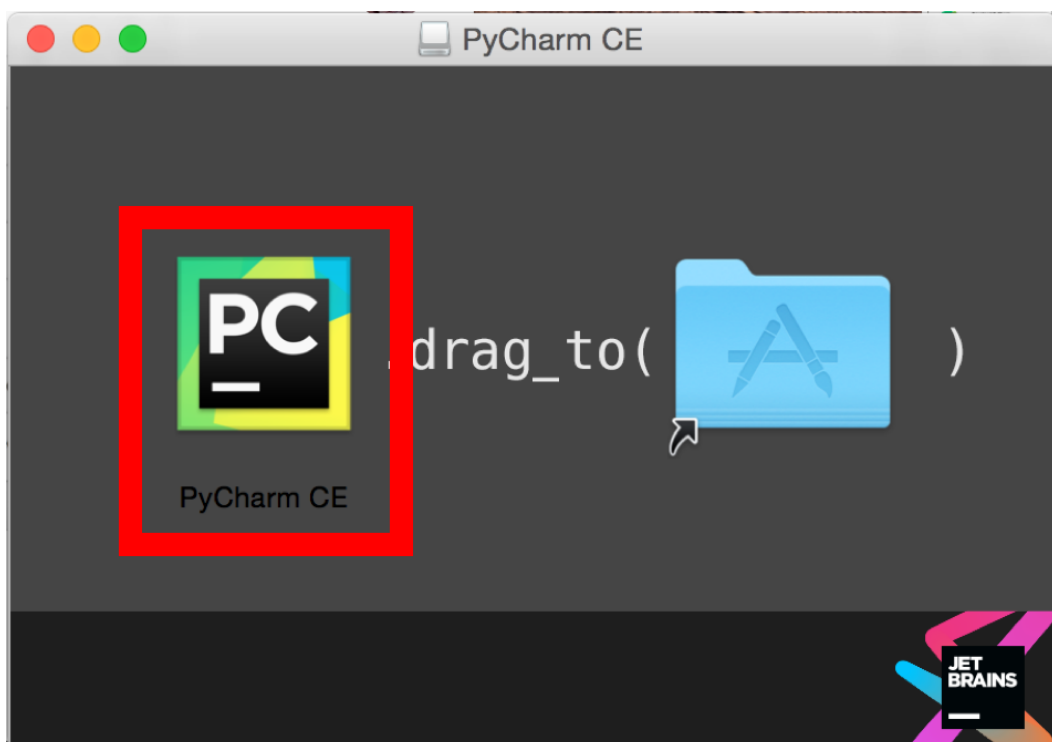
[System requirements](#)
[Installation Instructions](#)
[Previous versions](#)

Get the **ToolBox App** to download PyCharm and its future updates with ease

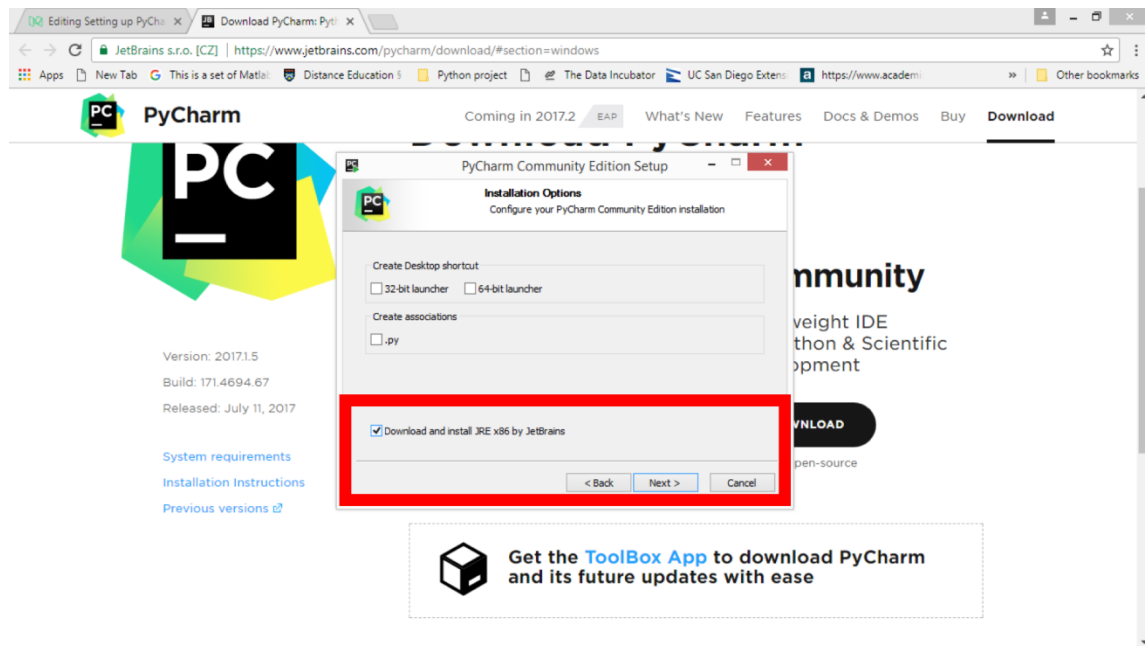
Download Pycharm



Click on program you downloaded.



Double click PyCharm.



Download and Install JRE by JetBrains

Starting with PyCharm

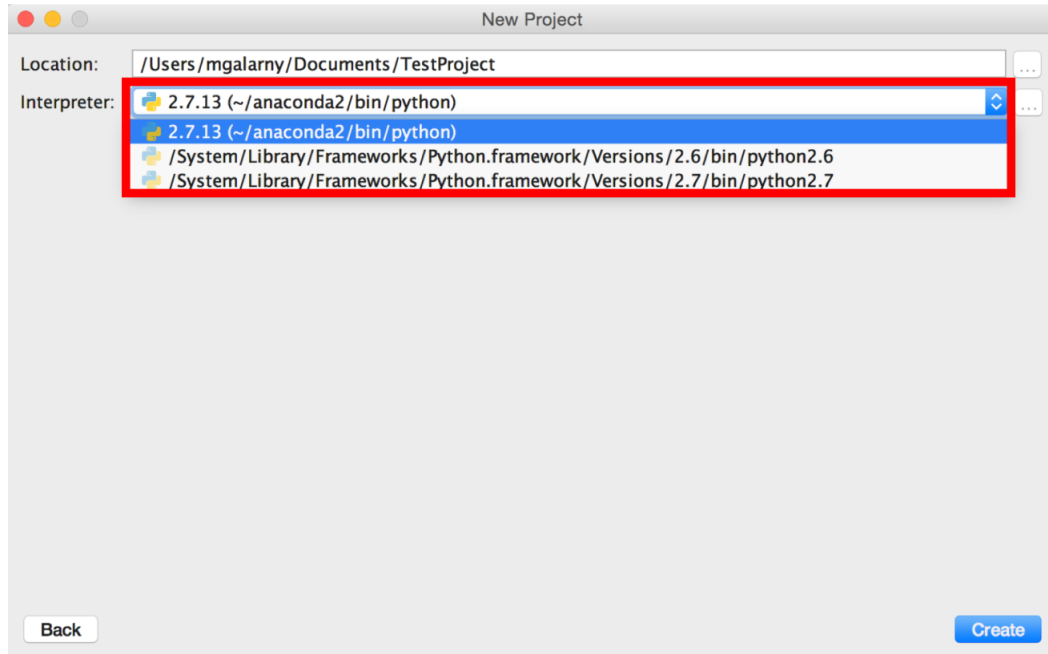
The first thing we shall do is create a project, choose an interpreter (in this case, choose anaconda)

5. Create a New Project



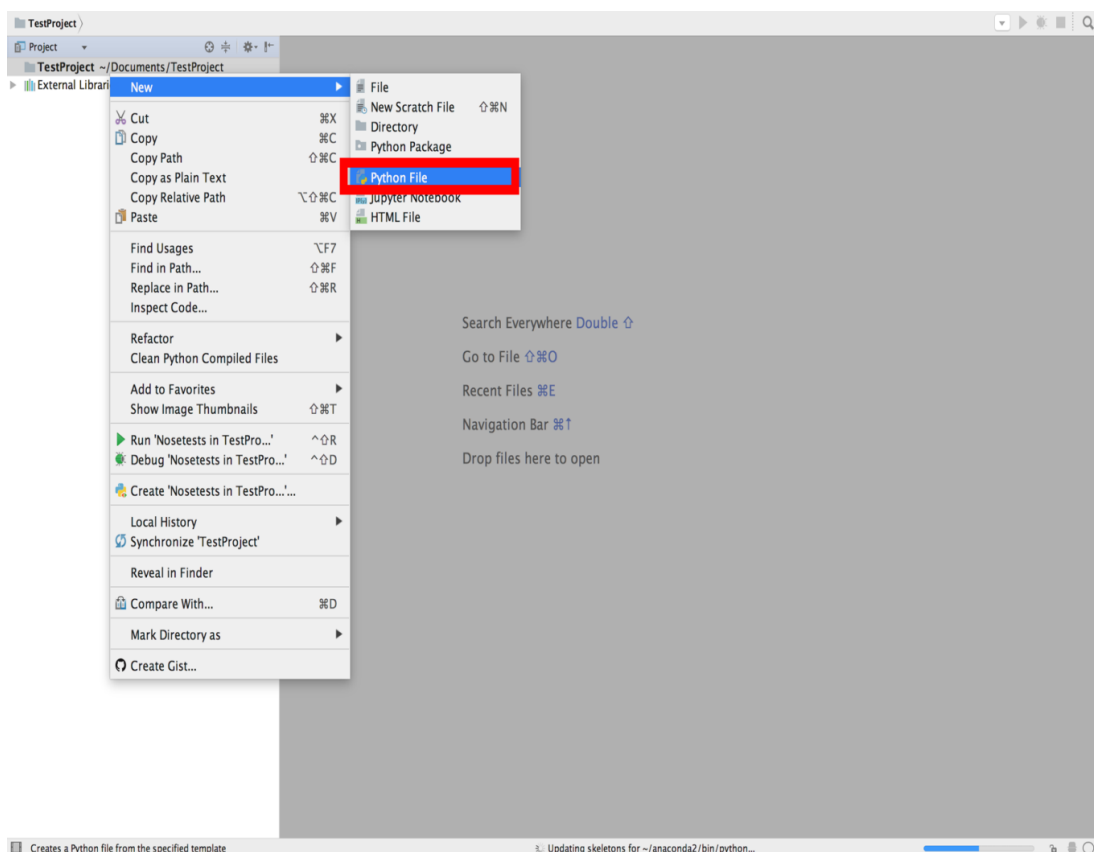
6. Create New Project

7. Select Interpreter.



Python Interpreter

project > New > Python File.



Making a new python file

2.4 HARDWARE AND SOFTWARE REQUIREMENTS

2.4.1 HARDWARE REQUIREMENTS:

Requirements	Specifications
Processor	4 th generation Intel core i3 or higher
Disk Space	150 GB or More
RAM	4 GB (min)

2.4.2 SOFTWARE REQUIREMENTS:

Requirements	Specifications
Operating System	Windows 7 and above
Programming Languages	Python 3.8
Software/ Python distributions	PIP/ Anaconda
Development environments	PyCharm/ Spyder/ Visual Studio
Web frameworks	Django/ Flask

CHAPTER 3

SOFTWARE REQUIREMENTS SPECIFICATION

3.1 USER

Administrator

For reflecting the work properly based on different types of features provided the administrator login will be provided which helps to manage all types of accessibility and working control and will be having all types of governance rights

Associates

The Associates will be added it in different format which will have multiple types of implications in reference as various team members and corporate Associates will be included for performing different types of activity. The associate will be able to perform only the work that has been reviewed by the administrator

Scope and objective

Important scope of the system is that all types of review required for the communication by the organization can now be handled with a global consideration which will be helpful for different types of organization

The main objective of the system is to provide a central resolution for the organizations to interpret the type of working they required for optimize identity and for real-time collaboration with more composite work understanding

Assumptions and dependency

The assumption is been in the degree of knowledge where it is required that whenever a particular functionality is being undertaken it has to be known to the users so that the system can be utilized properly or we can say that it had been assumed that normal understanding about the workability aspects can be achieved

The important dependency that is being acknowledged is that when the organization is using the system for different types of promoted collaboration working they have to be dependent on to the system has all the related associate will be added on to the stage

Problem statement

Problem statement for the referential working is being associated with the type of activities that has to be promoted on a single reference and each and every reference has to be coordinated with the

uses in different aspects it is quite Complex because when a particular functionality is utilized it would be different from one organization to another or to perform a particular type of activity and perform another type of activity

Conditional references and Standards are required to be followed in an inbuilt way so that associated work can be properly obtained

3.2 FUNCTIONAL REQUIREMENTS

The system is included with multiple persuasive features it has to be properly arranged and understood in terms of the processing and in terms of other requirements for activation so individually each features will be associated and will be documented.

Association

Use Case Name	Association
Trigger	Selection based
Precondition	Admin control required
Process	Is the system is based on multiple types of admirers which are related with that particular business a system will be included with multiple variations so that all the Associates can be properly added within the working platform so that the activities can be commenced where is different types of working rights will be provided for describing the role which will be associated with a particular identity. According to the rights provided the system will associate the work.
Post-condition	All associations are added with defined working

Work identification

Use Case Name	Work identification
Trigger	Selective

Precondition	Admin access required
Process	Work identification system will be provided to the administrator so that from a pool of features the relative workability that is required by the organization to achieve the business articulation will be collected. All the selected add function will be individually organized with integrated customization and features at the required
Post-condition	Added and utilized

Definition and frame setups

Use Case Name	Definition and frame setups
Trigger	Custom setups
Precondition	Feature selected
Process	Definition and frame setups are provided to associate multiple activities at the same time so different types of customization options can be selected in the real-time to propose a particular activity and in reference to the activity even multiple Windows can be associated at the same time so that more referential activities can be performed and it will be based on the user requirements
Post-condition	Setups implied

Integrate

Use Case Name	Integrate
Trigger	Setups and selections
Precondition	Authority provided
Process	As the communication activities will be performed various types of network integration and different types of associated platforms are required to be configured so the system will provide the details setup so

	that any type of platforms can be integrated and will be compatible. Even the system provides multiple types of third party sources which can even be utilized at the same and by the preferred integration setup
Post-condition	Integration support seen

Detail tracking

Use Case Name	detail tracking
Trigger	Auto
Precondition	Activities undertaken
Process	The detail tracking will be also associated so that each and every type of collaborative communication that has been intended by the uses and by the third party Associates will be recorded so that a reference understanding about the work and establish whenever it is required. Working storage will be also associated so that all related workability can be saved
Post-condition	Reference details acknowledged

3.2 Non-functional Requirements

The workability of the system in the real time in consideration to the client has to be associated so that the clients using the system will feel the proper workability environment so in non-functional requirement different aspects of security, adaptability, customizations and other usability will be clarified and will be documented

Scalability

System is scalable as it is required that when multiple teams are associated in real-time with multiple business admires the system should provide the stage in should support the workability irrespective off the scale that is being utilized so the system is been designed in a way that all potential workload and be organized

Maintenance

The maintenance is needed as integrated storage and tracking system will be included whereas even multiple resources are included so a help up and all the clients' accounts with the organized by the service provider on a regular basis with proper reporting updates that will be sent to the administrator

Backup

All the related workability will be stored on a cloud platform so that each reference of the settings and all the references of the work that has been undertaken can be properly secured and in any terms of eventual disaster it can be recovered. All the related work ability will be online and with the help of the related accessibility it can be associated

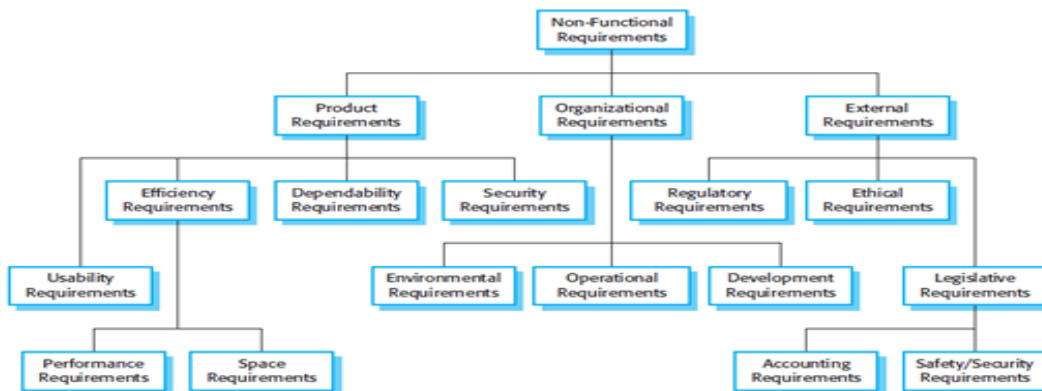


Figure- non functional

Robust

The system is robust as all the functionalities will be guided and have to be acknowledged in reference to the work so the clear selections and inputs are required to be provided where the system will consider multiple types of notifications and will be capable of handling the online problems that may occur

Security

Integrated security with the help of secure socket layer algorithm will be provided and even the references of accessibility will be properly defined by the administrator while adding the associate so that the system can track the accessibility and all the required security can be provided

CHAPTER 4

SYSTEM DESIGN

4.1 SYSTEM PERSPECTIVE

Programming process improvement frequently needs solid connects to extend the executives and control exercises, which are worried about recognizing the need of procedure change and activating improvement activities. Task the executives, then again, regularly comes up short at choosing suitable programming designing strategies and innovation that help to guarantee venture achievement.

It proposes a model that guides venture directors

- To set up a task with the goal that it can achieve its particular objectives.
- To identify restorative changes once an undertaking is danger of fizzling its objectives.

The likelihood of a structure perspective is to use a non-reductionist approach to manage the task of delineating the properties of the system itself. In the structure perspective, when one has recognized the system as an alternate bit of the universe, one isn't allowed to persistently separate the structure into isolated parts. Or maybe one is resolved to depict the structure all in all. If one uses segment into parts, as a segment of the delineation of the structure properties, that is simply bit of an absolute depiction of the lead of the aggregate.

In a System Perspective one ought to be cautious about thinking about the framework with regards to nature and not as a confined element. Along these lines one ought to incorporate the associations between the framework and the earth.

This can be stated as the first step of identifying the solution from the start of the problem, The main aim of Software Development Life Cycle (SDLC) is Identifying and Upgrading the requirement of a system into code.

4.2 CONTEXT DIAGRAM/DATA FLOW 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 is assumed while designing it

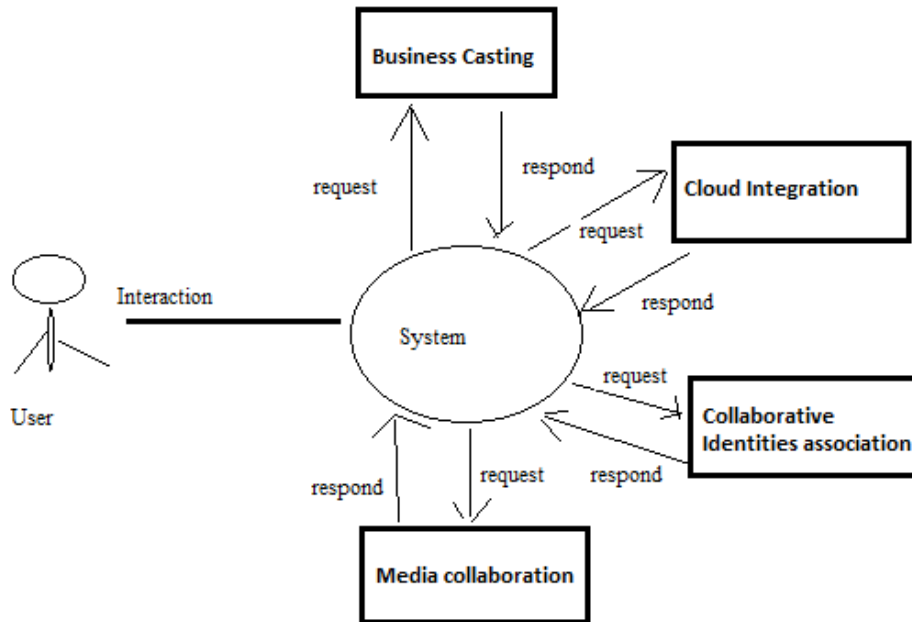


Figure1: Context diagram

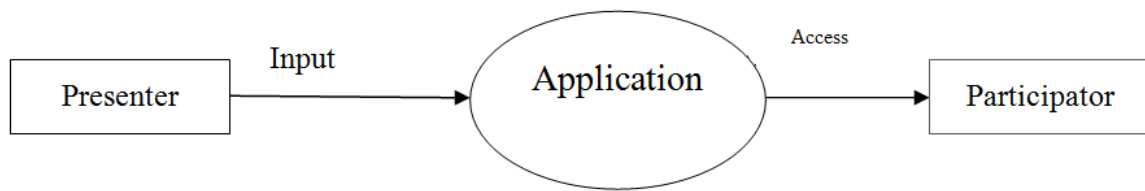
The above **Figure 1** shows the information at a glance which includes all the scope and boundaries of the system.

4.2.1 DATA FLOW DIAGRAM OF ADMIN

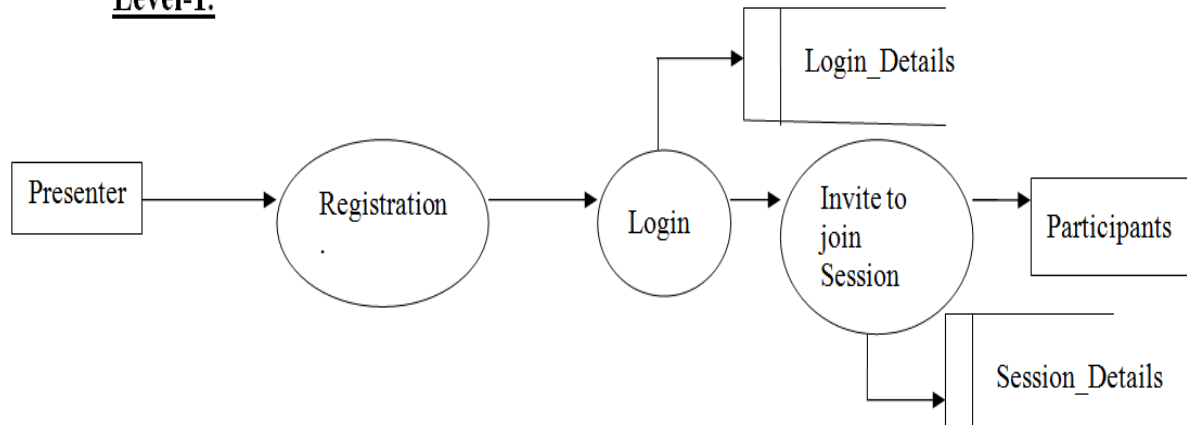
Data flow diagram represents the flow of data of a process where the related information based on inputs and outputs of each entity will be represented

	Yourdon and Coad	Gane and Sarson
External Entity		
Process		
Data Store		
Data Flow		

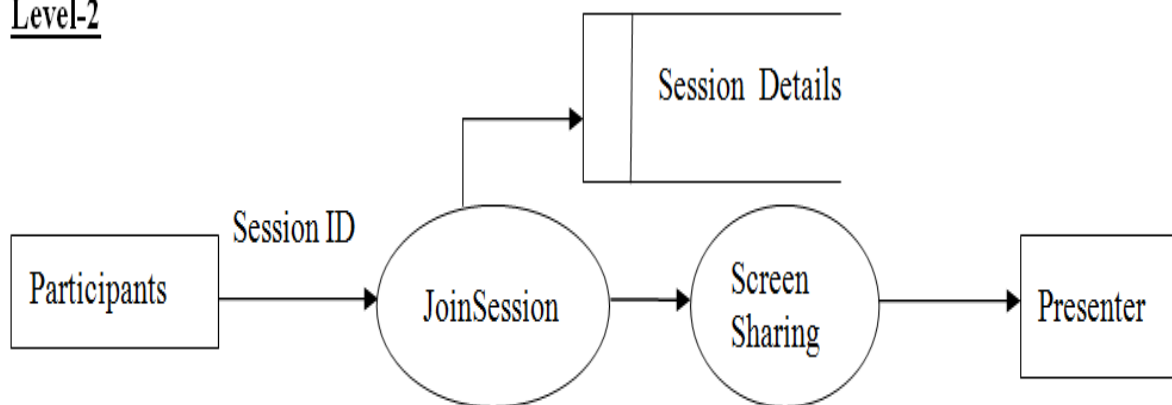
Context Level Diagram.



Level-1.



Level-2



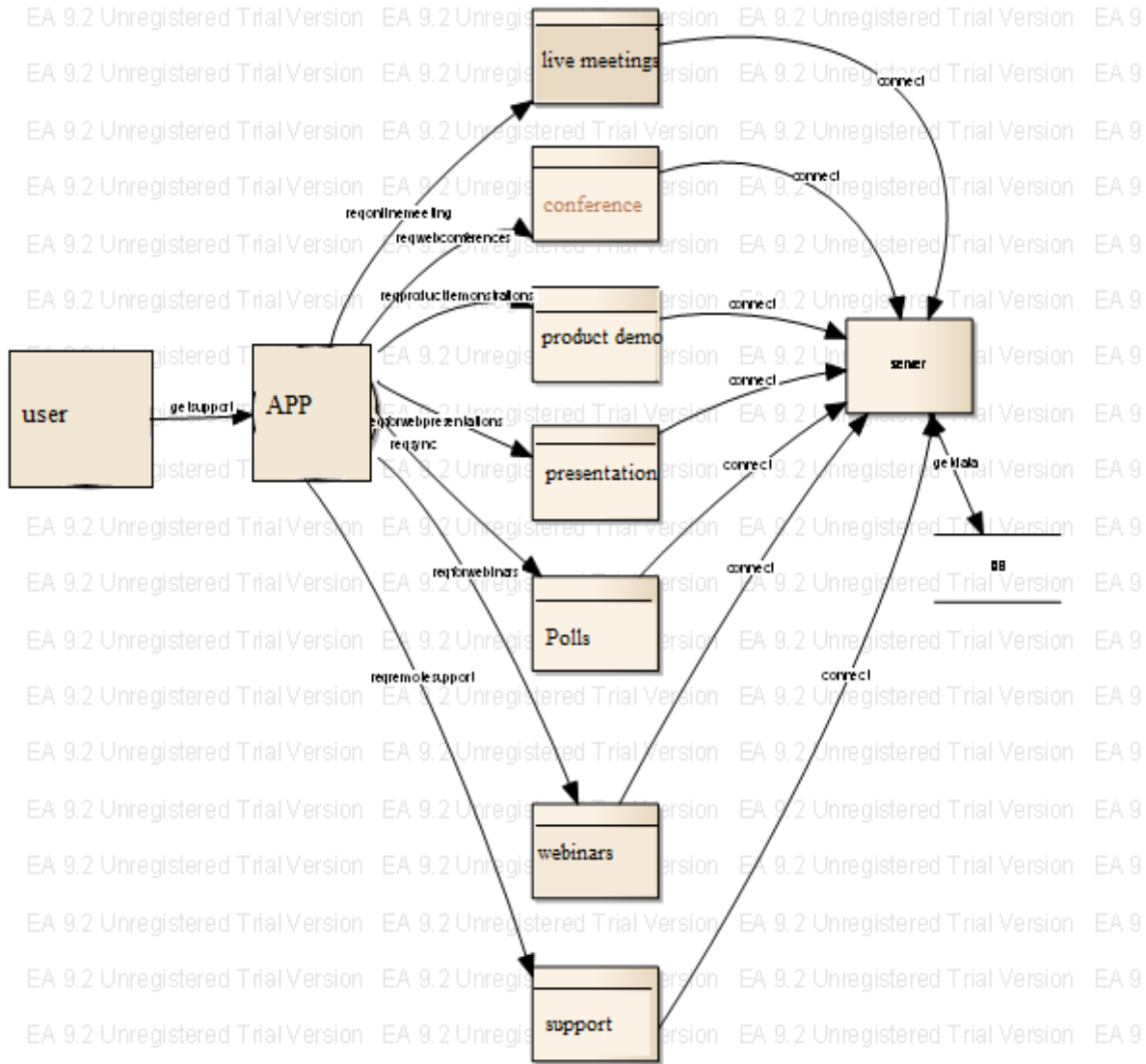


Figure 2 DFD overall diagram

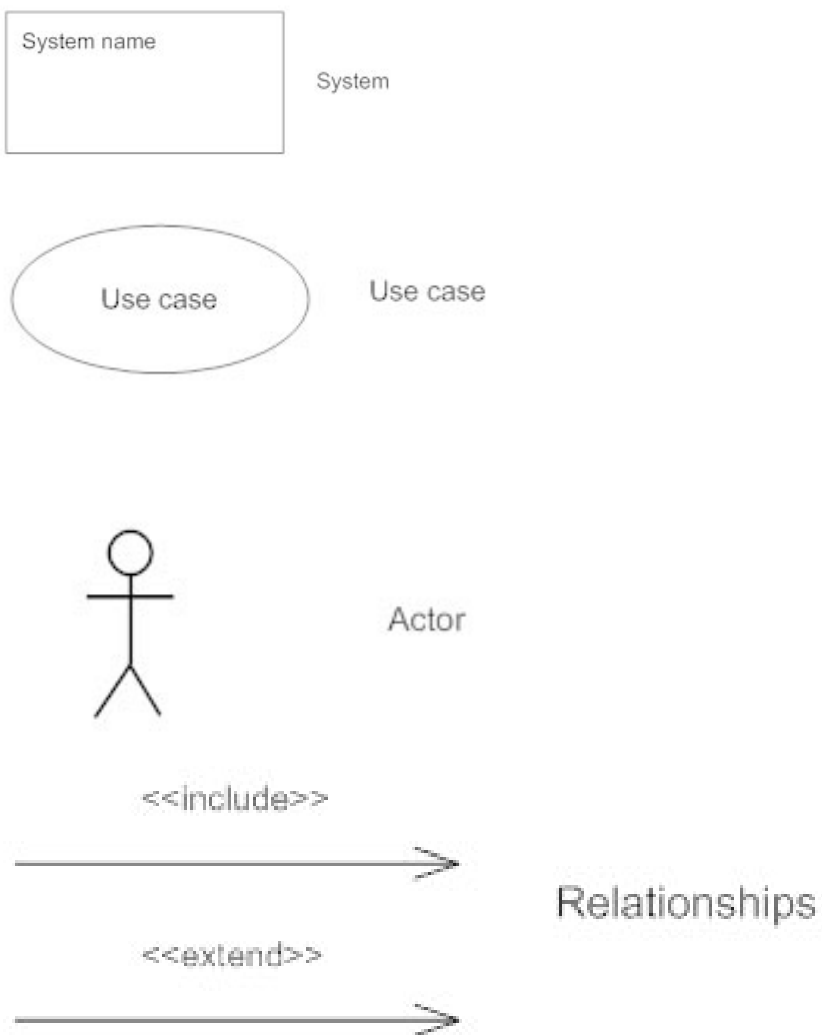
The above **Figure 2** shows Data flow diagram represents the flow of data of a process where the related information based on inputs and outputs of each entity will be represented.

CHAPTER 5

DETAILED DESIGN

5.1 USE CASE DIAGRAM:

The use case diagram define the interaction between the actor and the system to achieve a particular goal that has to be considered for the working



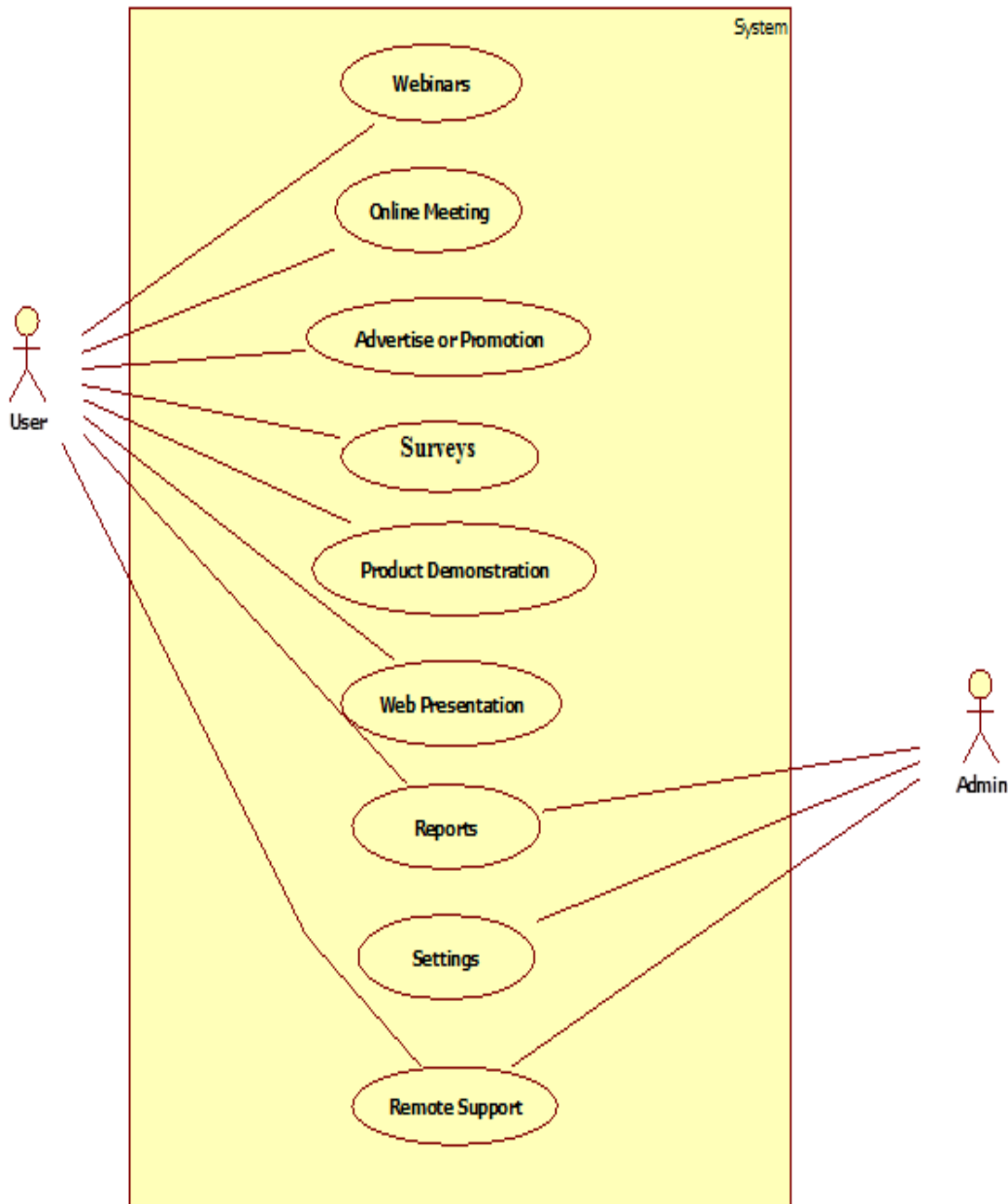


Figure 3 Use case diagram

The above **figure 3** use case diagram define the interaction between the actor an user side and admin side.

UML Description

In the above UML Diagram **Figure 3** Admin and User are the actors, Admins functionalities are as follows:

- Add, Edit and Delete the Product Details in by entering product id, product name, product cost, and product features.
- Add, Edit and Delete the Advertise or promotion Details the product categories such as Product demonstration, remote support.

- Add, Edit and Delete the Survey Details the product and equipment which give the special functionalities of renting the farming equipment.
- Reports Details manage the equipment by updating the latest picture and market rate with discount.

User's Functionalities are as follows:

- Login by entering user id and password.
- Views the product details in the product page according to the category and Equipment in Equipment module.
- View the online marketing details of the online page in customer details.
- Cash on delivery(COD) option is provide to the user to make payments, In return user gets the order receipt and invoice receipt with all the details.

5.2 SEQUENCE DIAGRAM:

Sequence diagram shows different types of task that will be done between the user and the system

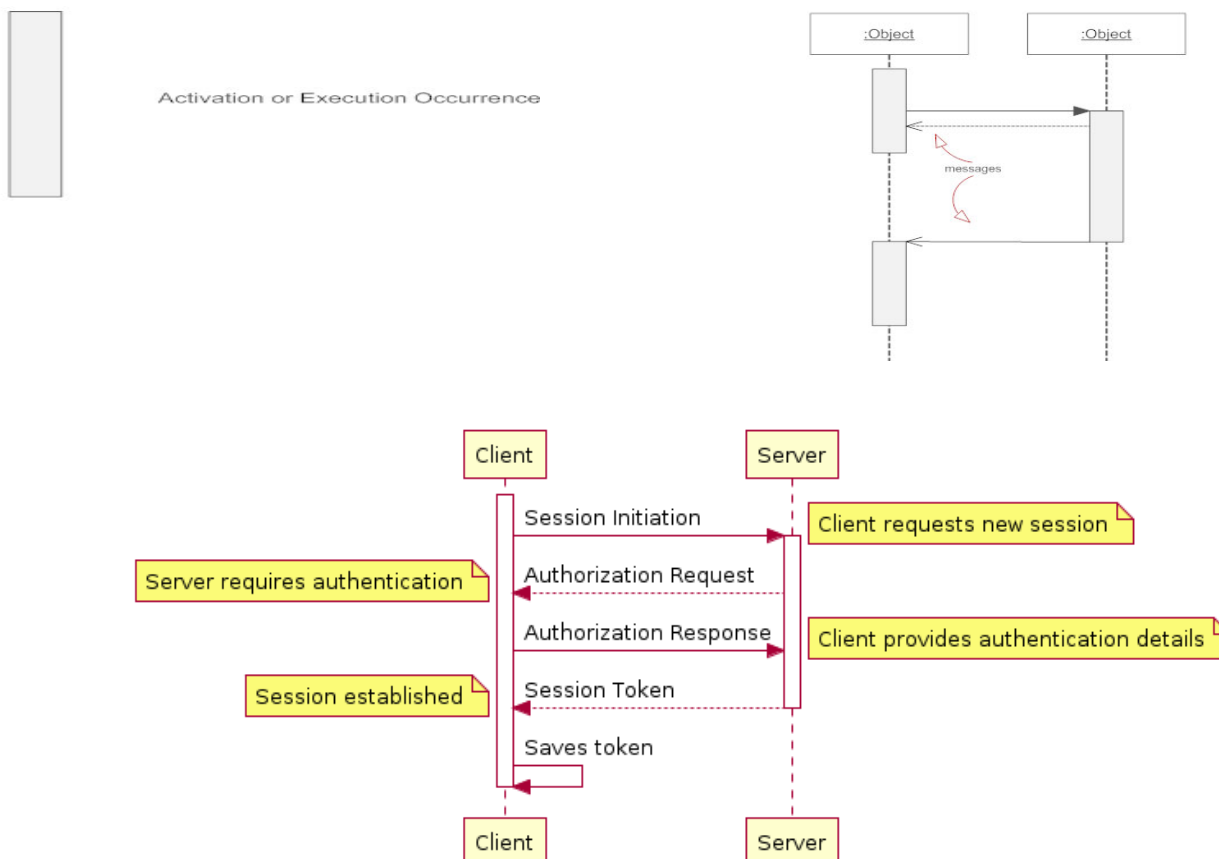


Figure 4 Session sequence diagram

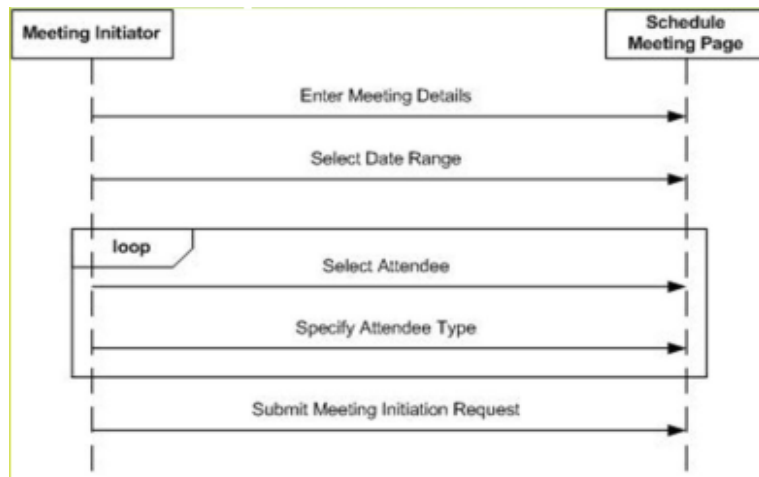


Figure 5 Sequence diagram

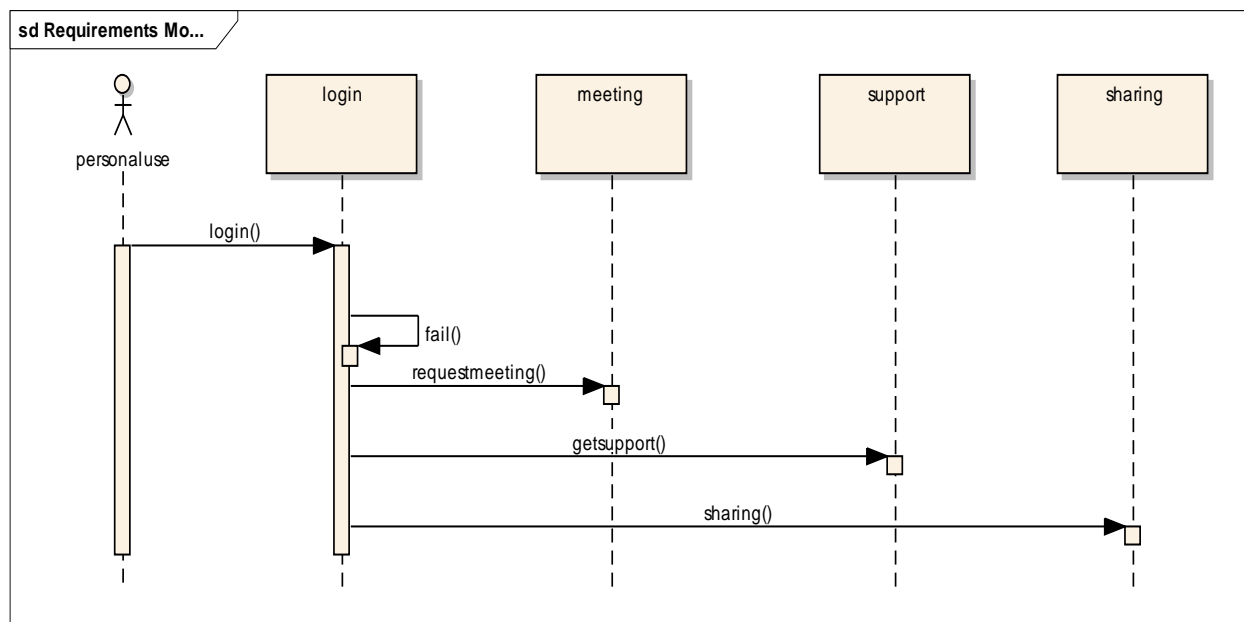
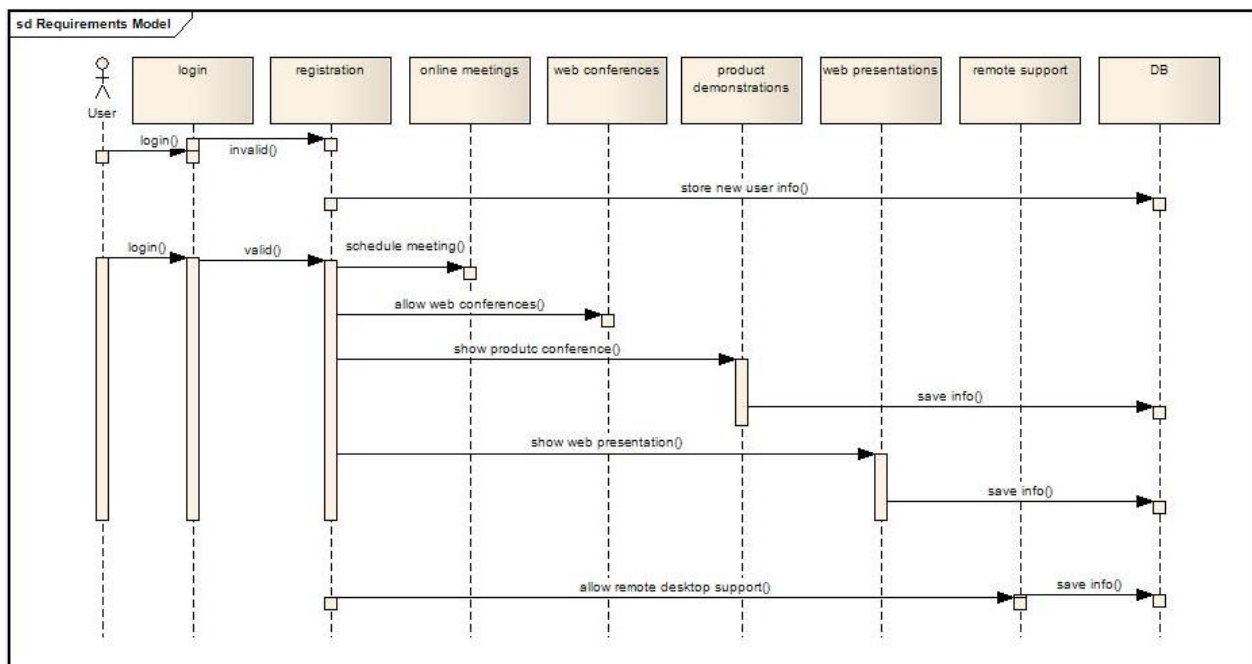


Figure 6 Sequence diagram

The above **figure 4,5,and 6** Sequence diagram shows different types of task that will be done between the user and the system

5.3 ACTIVITY DIAGRAM:

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

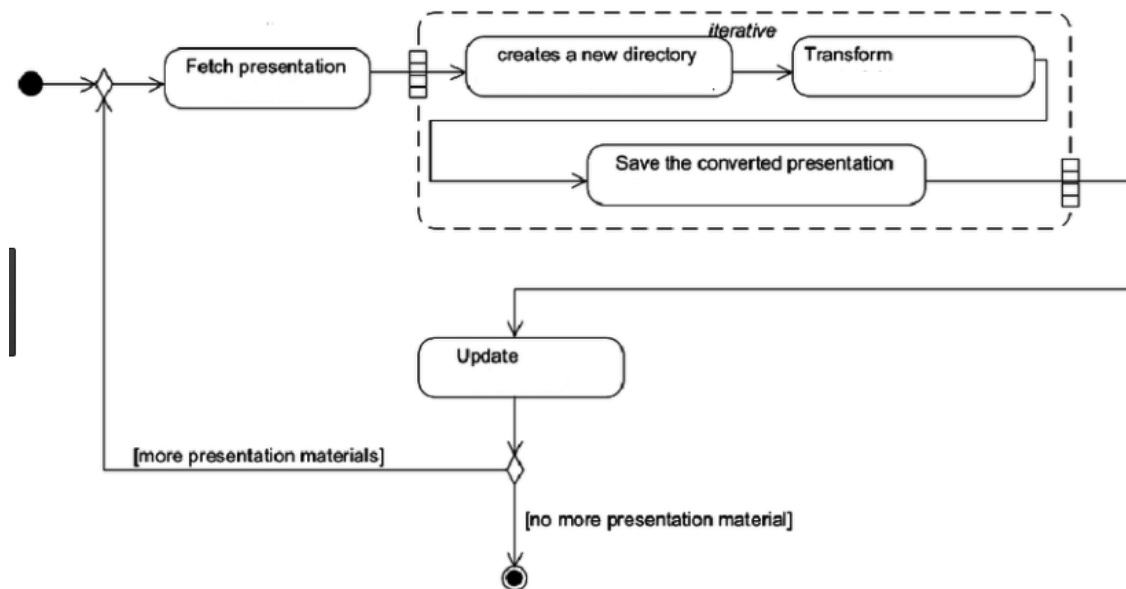


Figure 7 Activity diagram

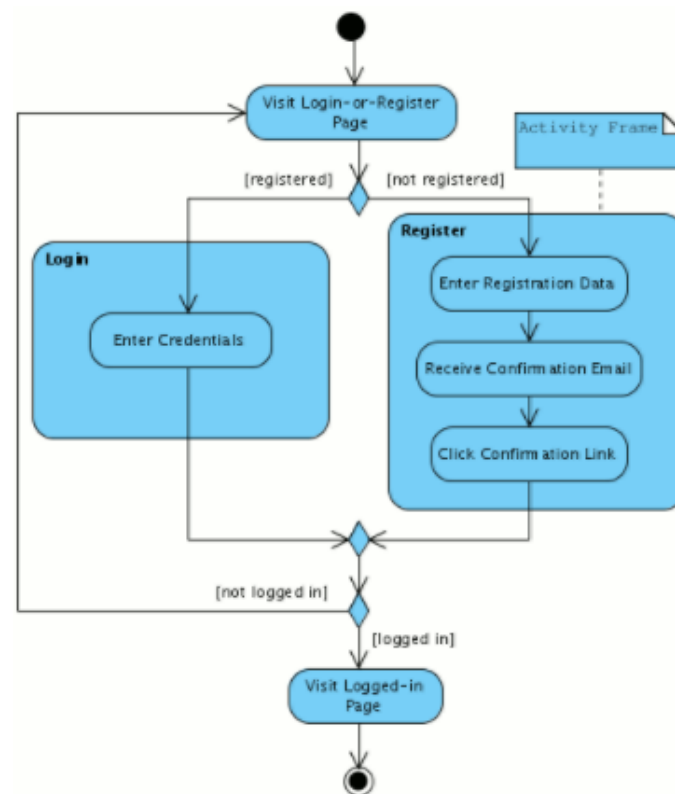
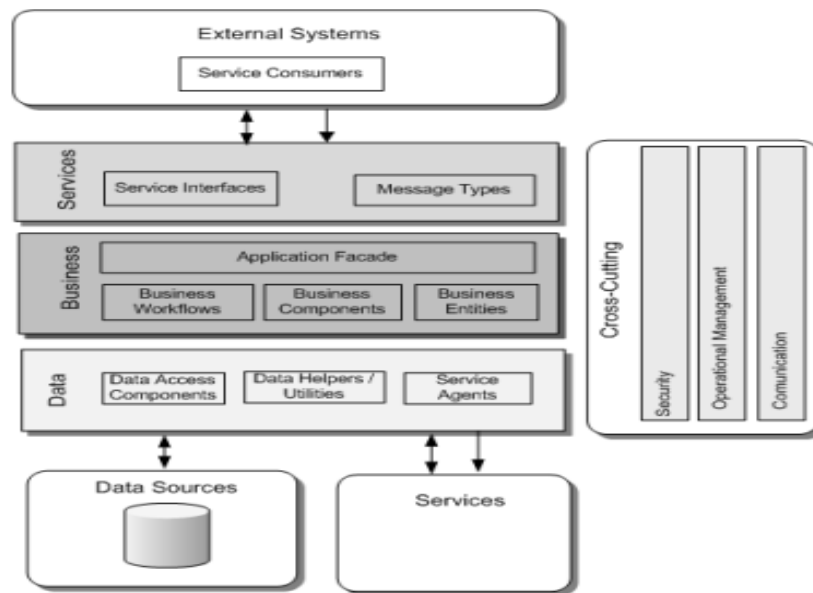


Figure 8 Activity diagram

The above figure 7, 8 Activity diagram shows all types of activities, associations, conditions and constraints to have a detailed understanding about the activities

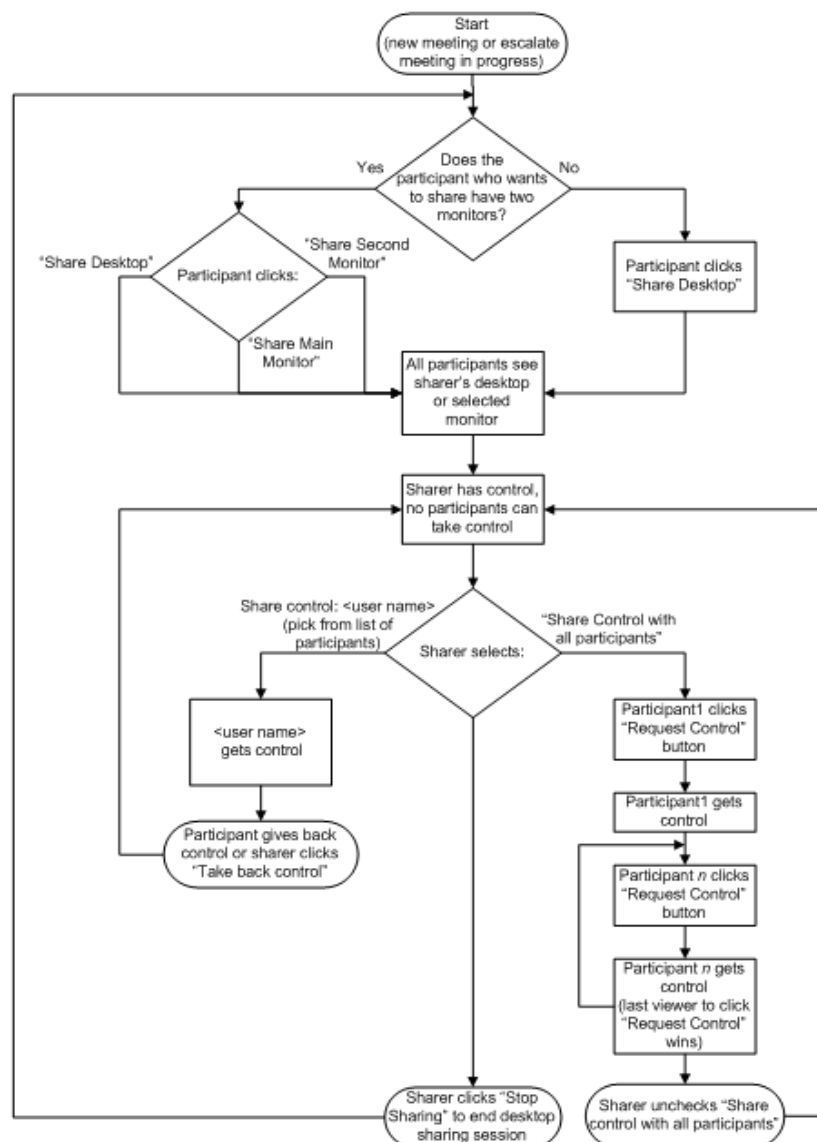
Architecture diagram

A conceptual model is been designed so that the structure behavior and view of the system can be properly recognized this is what we call the architecture diagram



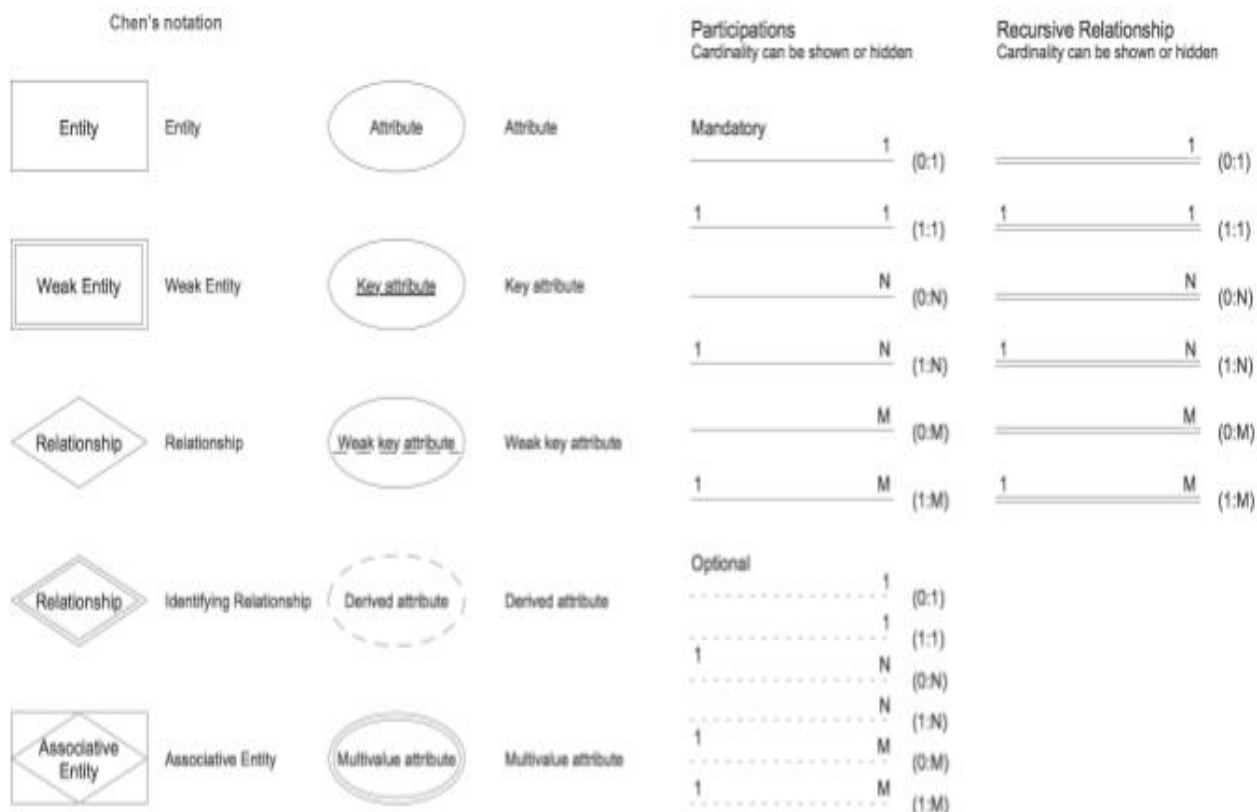
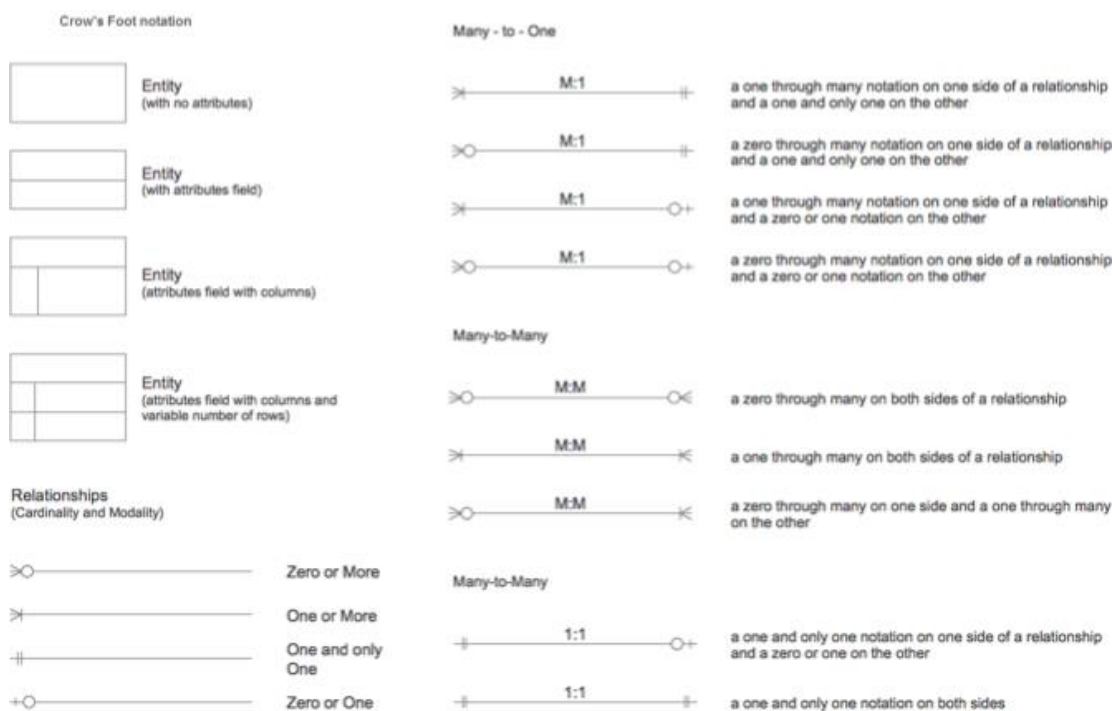
Flowchart

Flowchart



5.5 ER Diagram

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



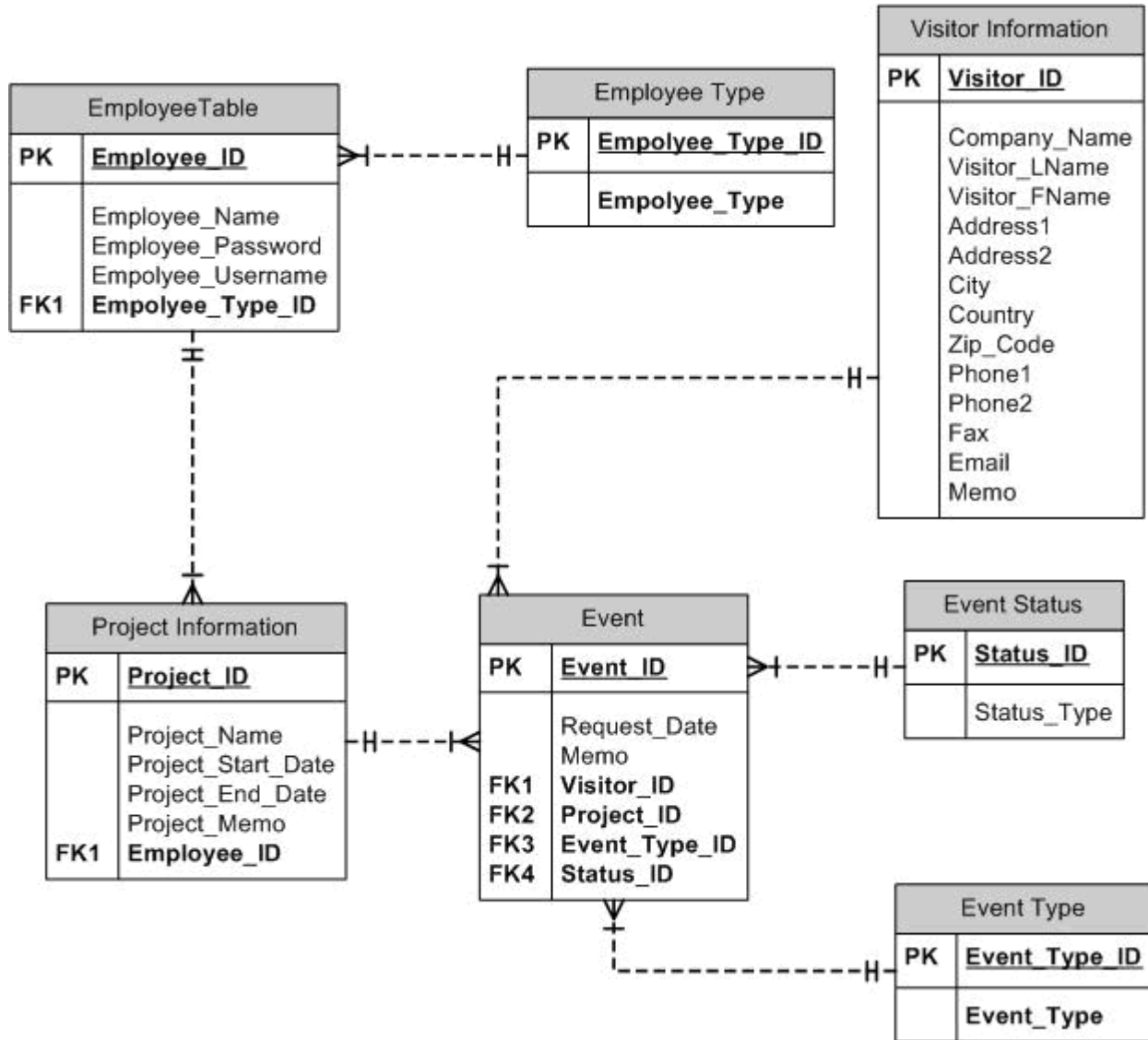


Figure 9 ER diagram

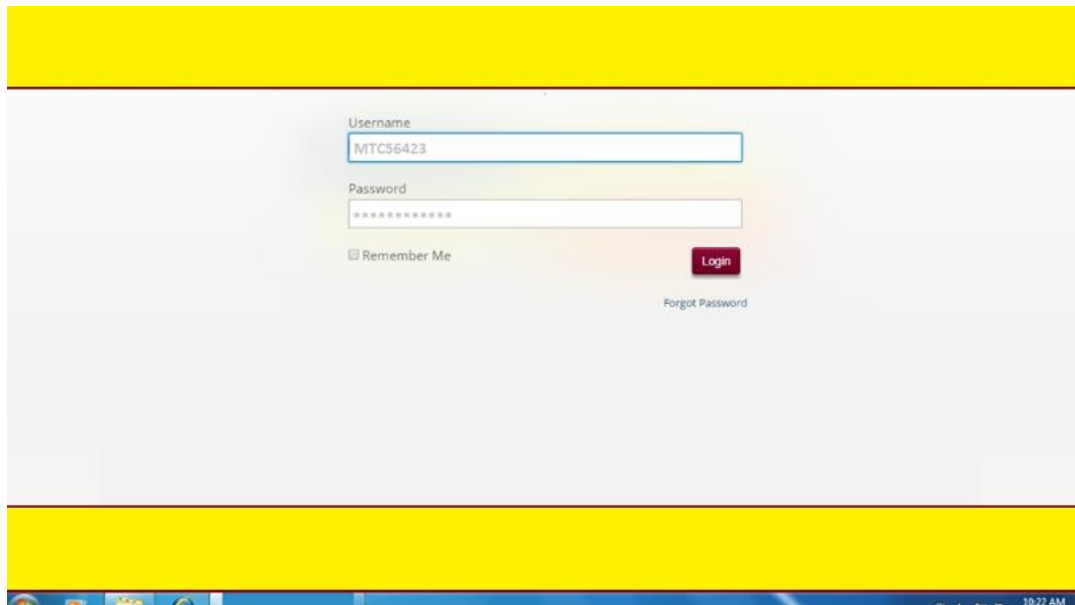
The above **figure 9** Entity relationship model helps us to understand the related data requirements so that well design database can be organized

CHAPTER 6

IMPLEMENTATION

6.1 SCREEN SHOTS

Login page



Username
MTC56423

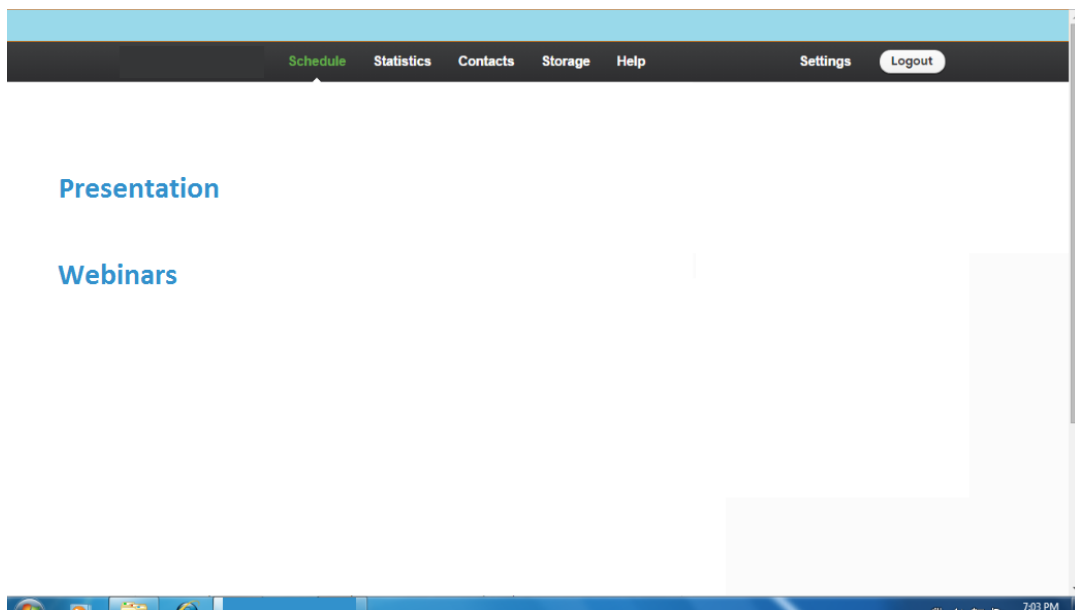
Password

Remember Me

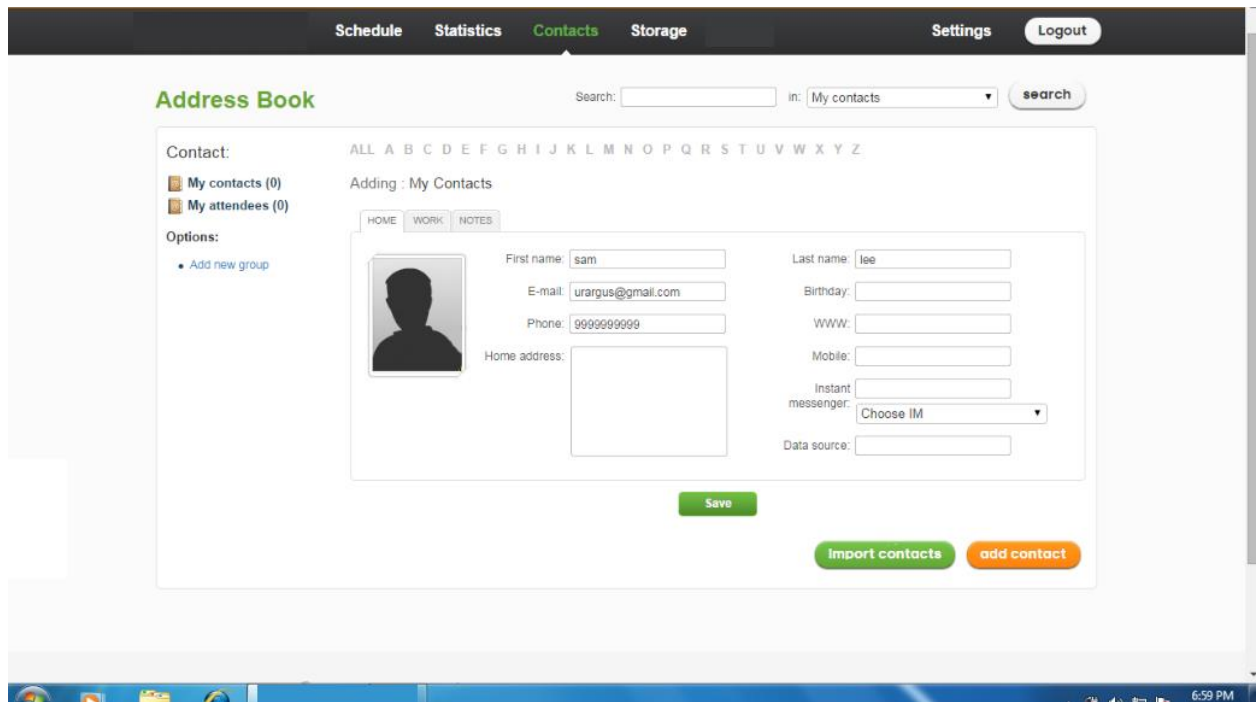
Login

[Forgot Password](#)

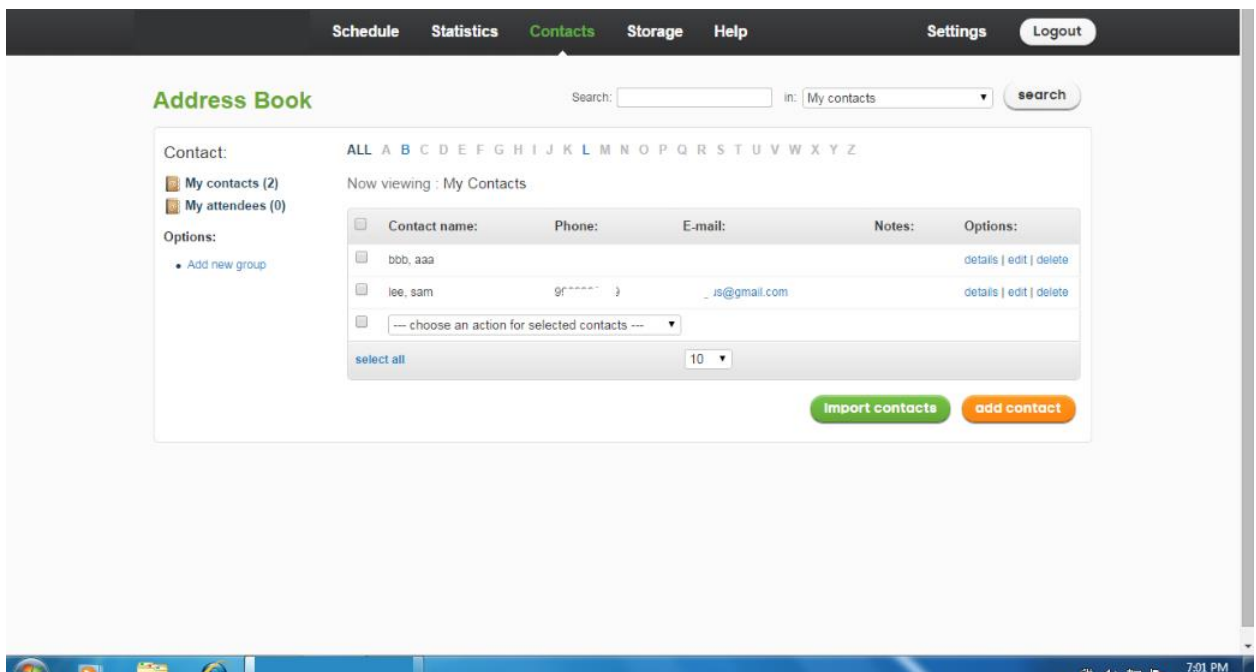
Business casting activities can be added from settings and will be added



Manage contacts



List added is shown



Link generation and settings for the activation and access

Presentation

Details Settings

Room name: software meet

Room URL: https://tech...are_meet

Room type: Permanent event - endless Time scheduled event

Event Date: Asia/Kolkata

Duration: up to 1 hour

Waiting Room Message: sample message

Access type: Password protected
Free to all
Password protected
Token protected

Enter Password:

Cancel Create

Preview is shown

Details Advanced Registration Invitation List Widgets

Room name: software meet [Export this event to calendar file >](#)

Room URL: https://tech...are_meet

Room type: Time scheduled event

Starts at: 19:35 until 20:35

Time Zone: Asia/Kolkata [GMT 5.5]

Waiting Room Message: sample message

- Presenter PIN: [redacted]
- Participant PIN: [redacted]

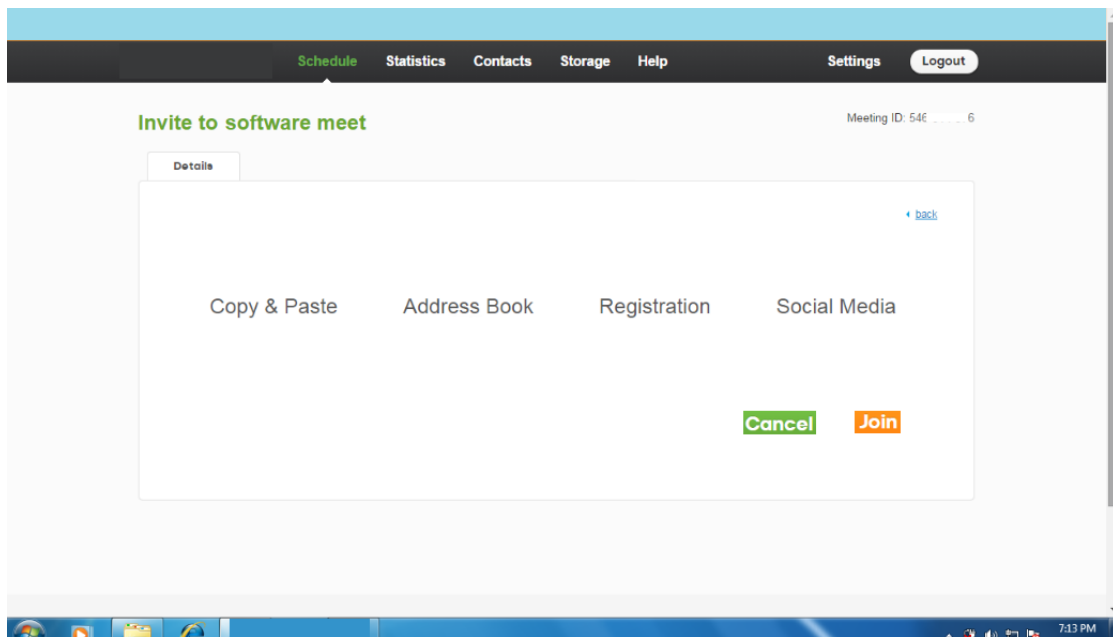
Invitations: [Invite participants or presenters](#)

Reminders: [Add](#)

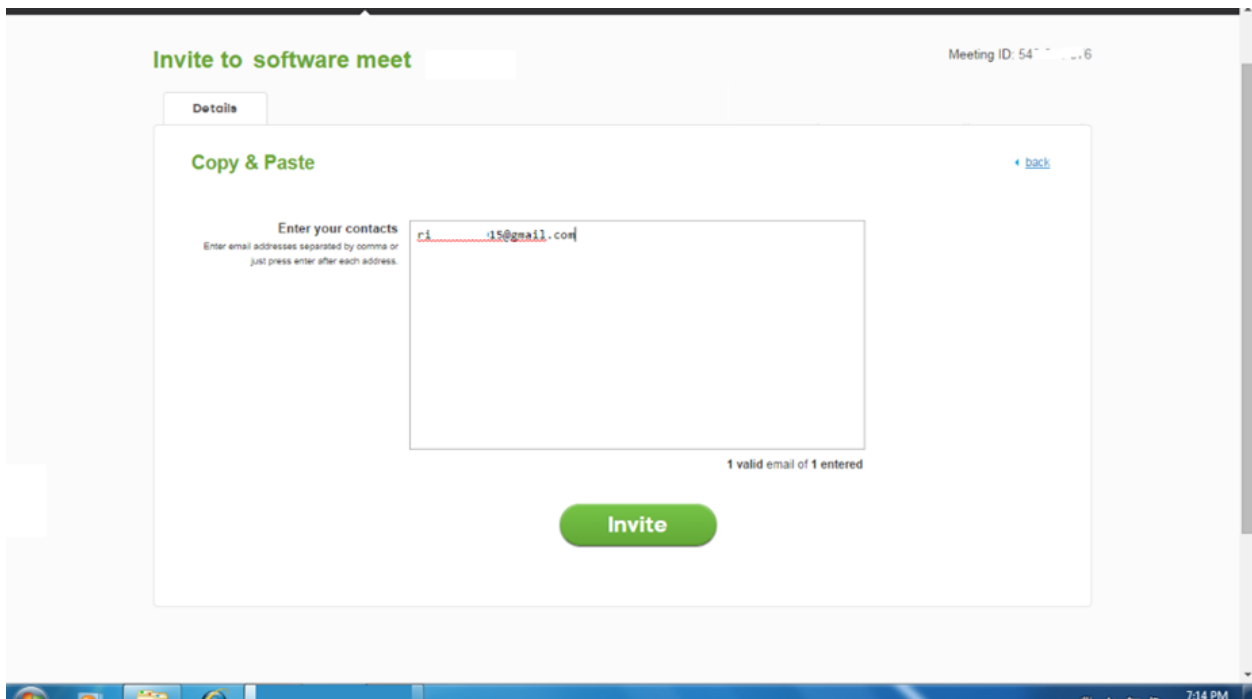
Embed this room to your site: [Copy to clipboard](#)

Cancel Edit this Meeting Join Meeting

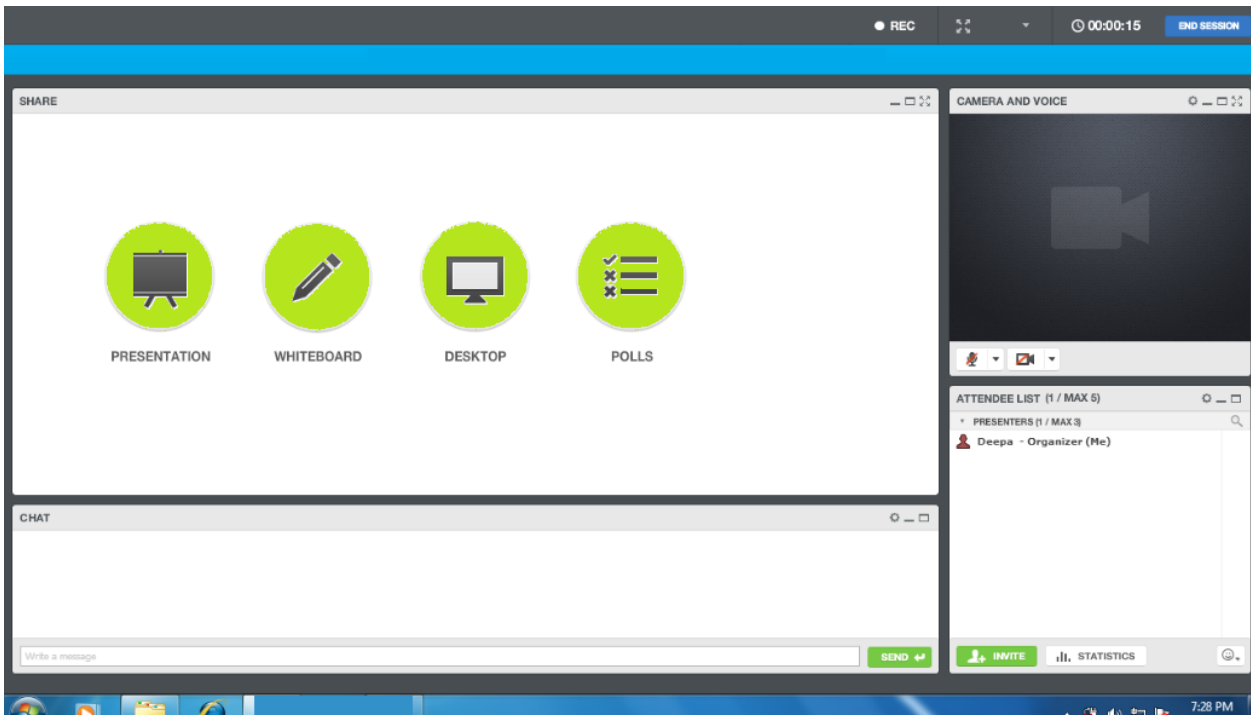
Adding the participants



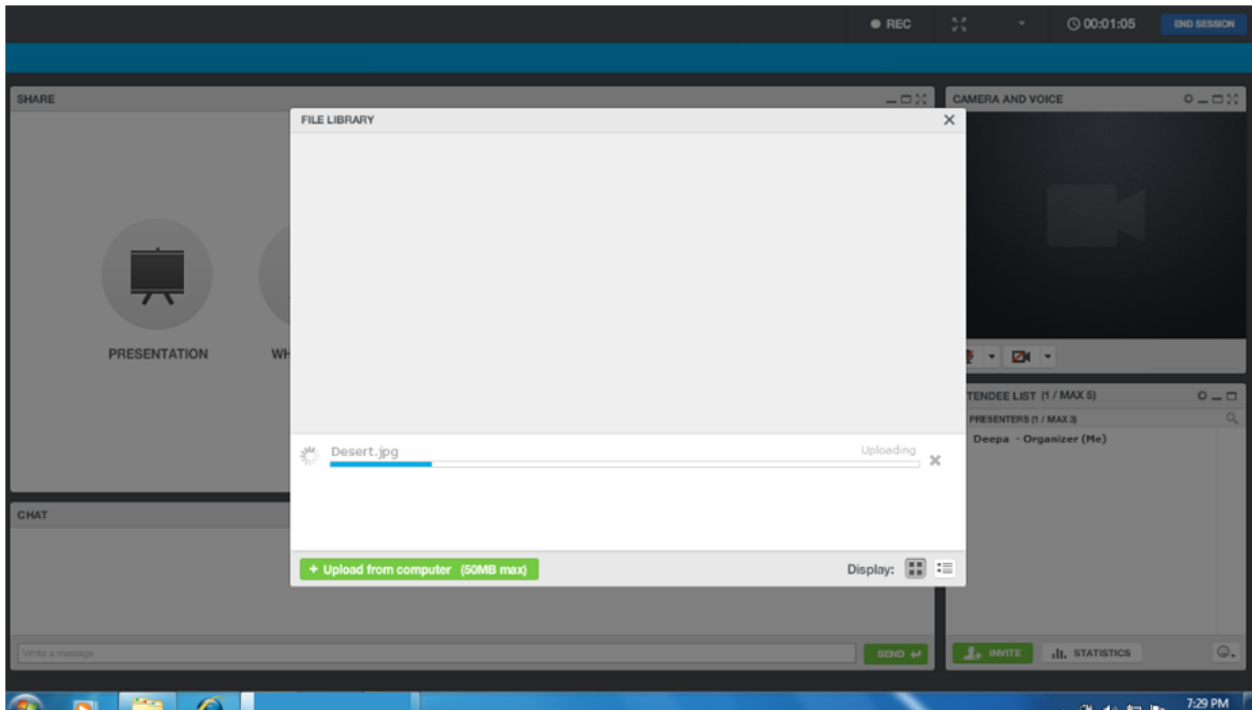
Users can be added in random also



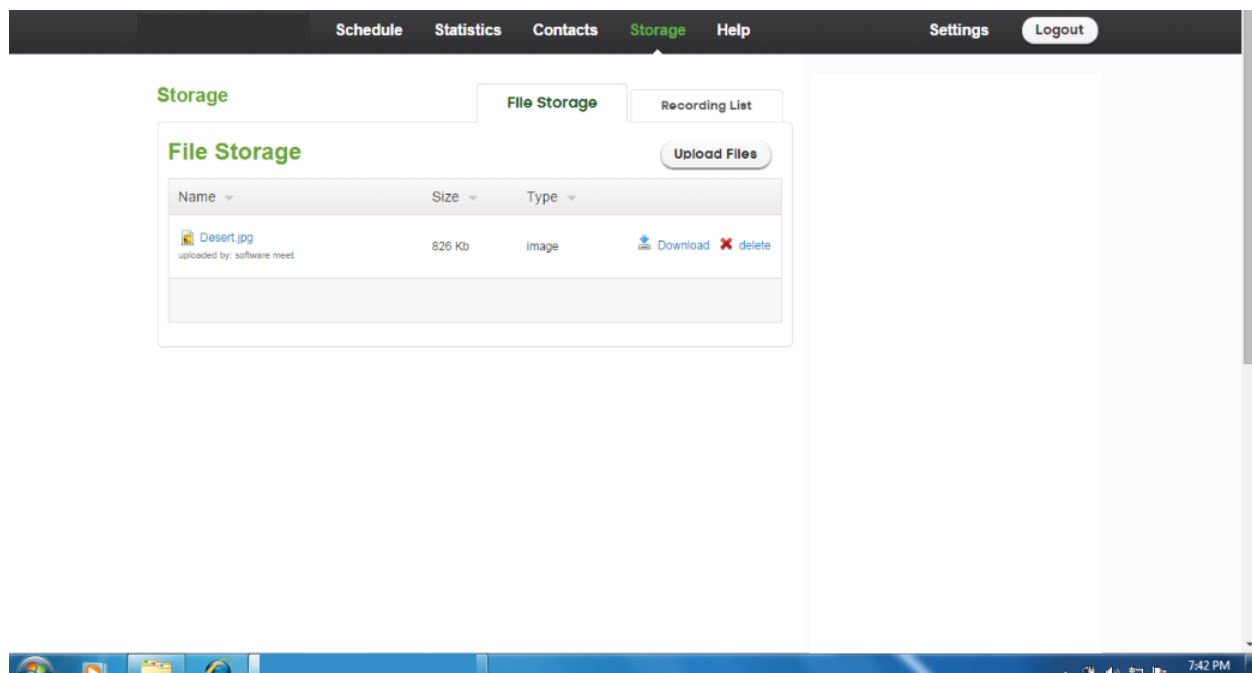
Settings up frame working is provided



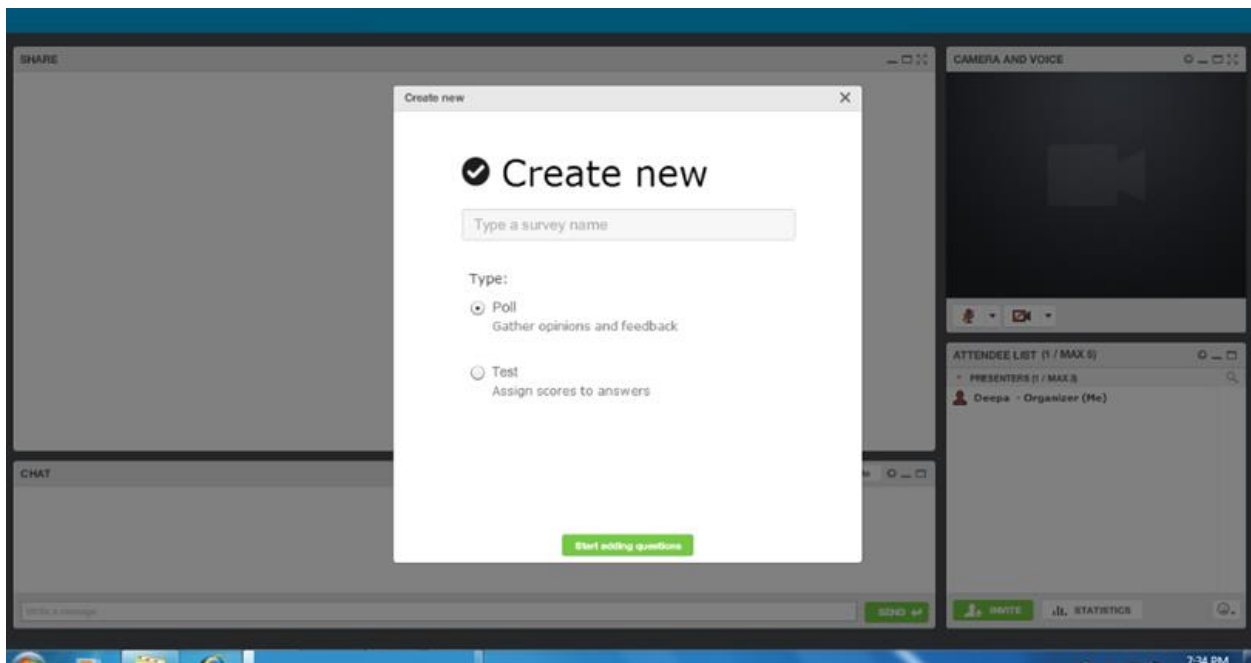
Loading presentation



Cloud data management is shown



Feedback reference design is shown

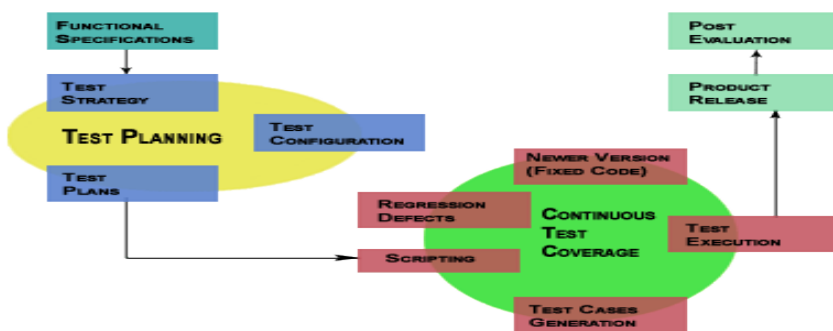


CHAPTER 7

SOFTWARE TESTING

All the associations that are included will be checked with multiple testing techniques so that we can detect the problems and a proper system can be provided to the users which will help them to accomplish the participations they require in terms of business elaborations. Software testing is very much important as it will help us to quest the detail workability properly in reference to the inputs and outputs so that more acknowledge understanding can be achieved before the system is presented on the global workability platform.

Systematic arrangements will be undertaken or we can say that proper plan perceptions are required so that proper planning techniques can be implemented and there should be proper collaboration between the teams that will undertake the perception of plan. All the relational work that will be acknowledged will be document in terms of pre and post scenario.



Figure

Test process is shown in the above diagram

Software testing is helpful for the following-

- For checking environment of the workability
- For understanding in replicating the client requirements
- To check the respond correctly
- To meet the requirements associated
- To provide the related workability according to the stakeholders

Unit testing

The unit perceptions that are added has to be acknowledged in multiple references so each unit will be tested with the help of data flow analysis technique to get the real-time processing of the information All variations of integrations will be checked so that different concepts can be utilized to provide accessibility and communication rights to multiple teams and business admires

To have all associated regulations of the repository that are provided which is required to be automated and accessibility should be provided in terms of regulation

All types of substitution resources that are required will be checked for the integrated accessibility by the users in the real-time w

Customizations will be checked

The references that are provided for the functions to be undertaken for example the product demonstrations, the Global identity communications, business collaborations etc. will be checked for the working stages

Automation testing

We are including the automation testing as synchronized references with the help of code coverage technique can be utilized in less time to check more references which will be helpful for the organization as different types of considerations in different types of scenarios are required to be checked

Automation Testing will be faster in comparison to another testing consideration that are taken for example the manual testing

Automation Testing will be having detailed documented reports in reference to the tests that are conducted

Test cases

Se rie s	Test-cases	Test-Input provided	Results	Actual- result	Test Status	Severit y
1	Login-Admin	Credential	Setting page provided	Settings can be organized	Pass the test	Critical
2	Settings	Defined link base selected	Multi-options	Various options provided for the custom selection	Pass	Critical

3	Add the admirers	Credential input	Various associates added	Different users added	Pass the test	Critical
	Details features	Defined	Direction provided	Selection based working is associated	Pass the test	Major
5	Invite	Design rules	Security features added	Invitation provided with rules	Pass the test	Major
6	Reference integration	Setting inputs	Resource added with requirements	All reference compatibility seen	Pass the test	Critical
7	Working with different reference of communication seen	Selective	Parallel	Parallel activities seen	Pass the test	Critical
8	Settings up work frame	Selective	Additions and customization	Reference options modified	Pass the test	Critical

9	Storage	Selection based	Auto and rule based	Storage data with cloud support seen	Pass the test	Critical
---	---------	-----------------	---------------------	--------------------------------------	---------------	----------

CHAPTER 8

CONCLUSION

As we have used the system we found that all formations of corporate pursued can be established with the single system where the administrator will be having all the controlling powers from selecting the type of activities that has to be conducted and different Associates which makes it more controlled aspect in terms of central working. We have utilized the system and we found that all types of associations with different media and channels with different types of working rights can be provided which is very much helpful as in different perceptions different requirements may arise.

We have utilized the social media integration and other formations of link generation and invitations and we found that all works properly where even the system provides a robust workability stages so that the understandability can be more optimized. Also found that the accomplishment of different types of activities from a single interface by dividing it into multiple window interfaces is also very much helpful at a time different activities can be allocated with more Precision and more controlled way.

We acknowledge multiple associations to perform a product demonstration and we found that system provides the compatibility in terms of different aspects of contents that will be utilized for the collaborations it can be in any format and even a design format is provided for more customized variation. The elaborations are quite easier to understand aspect will be guided and individual perceptions are in built to provide all types of conceptualization that is required. All types of working standards are associated which makes it more reliable for different types of associated working.

CHAPTER 9

FUTURE ENHANCEMENTS

The definitions of the work that is included has to be regularly refined according to the new modifications and changes that are required by the clients so that the system can sustain according to the new requirement so multiple considerations will be taken and will be included some of them are listed as following

A more detailed report system will be added so that each and every identity that are associated can be properly analyzed in terms of work perceptions even graphical report output can be added

As the acknowledgements are provided for customization even the viewpoint customization can be provided so that if the users required they can add their logos and other perception of view onto the frame

More options related to the business communication can be acknowledged.

APPENDIX A

BIBLIOGRAPHY

References

Python

Books

Peterson, Benjamin (3 March 2019). "Python 2.7.16 released". Python Insider. "The Python Core Developers" Retrieved 4 March 2019

"Starlark Language". Retrieved 25 May 2019.

Sites

www.ece.iit.edu

www.wikipedia.com

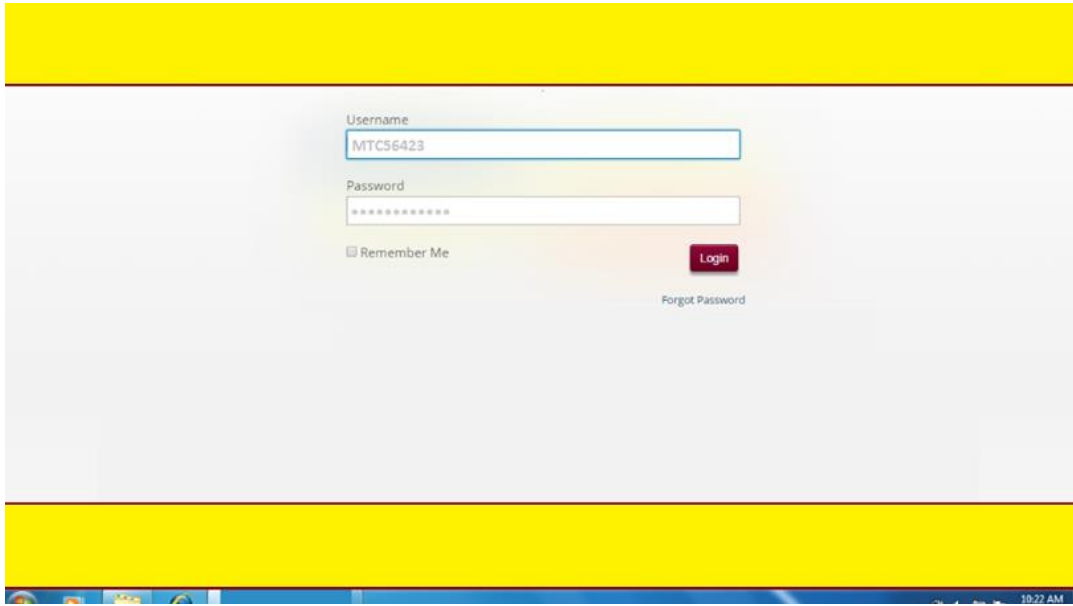
www.google.com

www.scribd.com

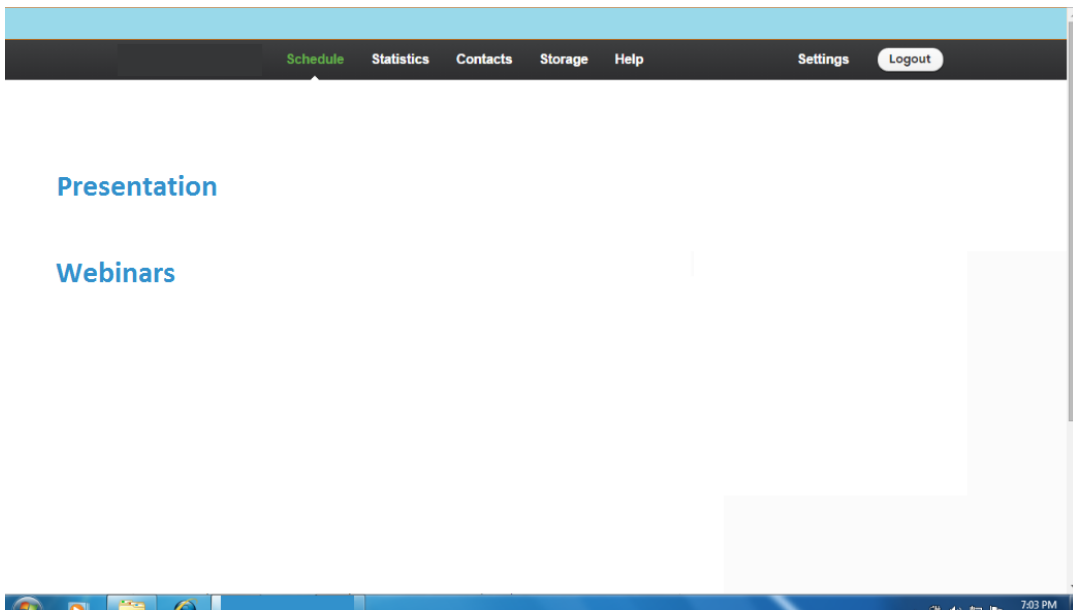
APPENDIX B

USER MANUAL

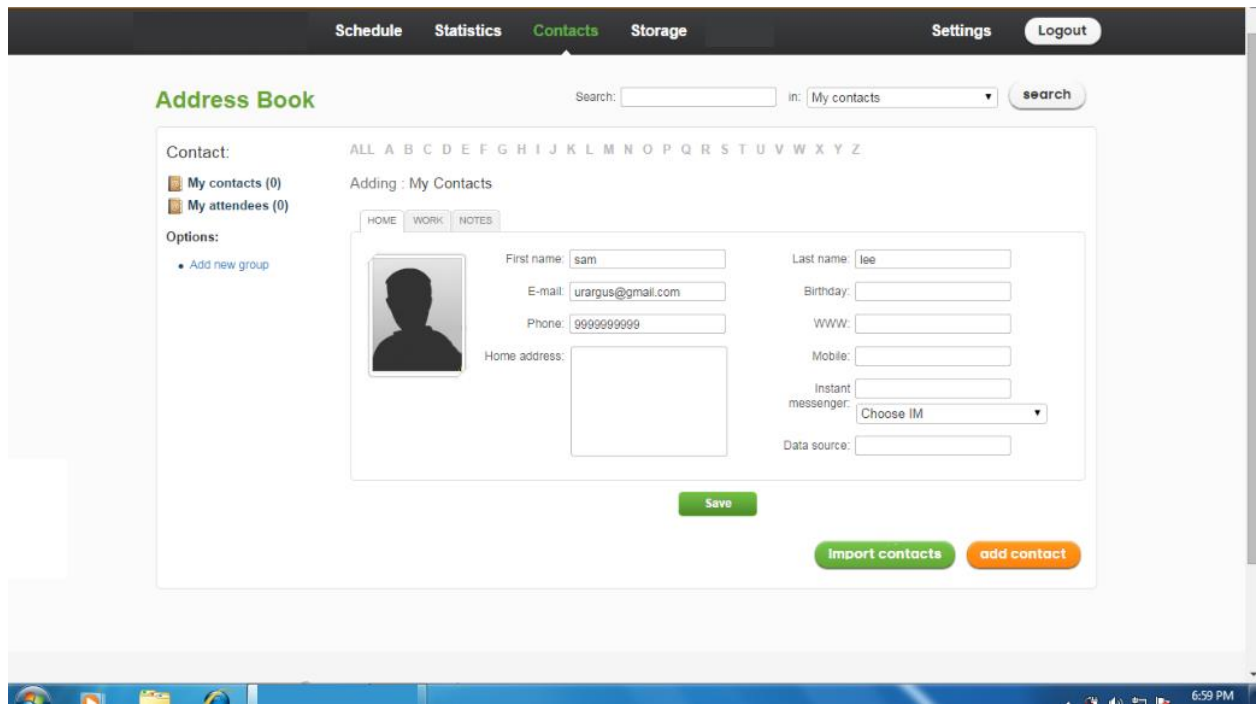
Login page



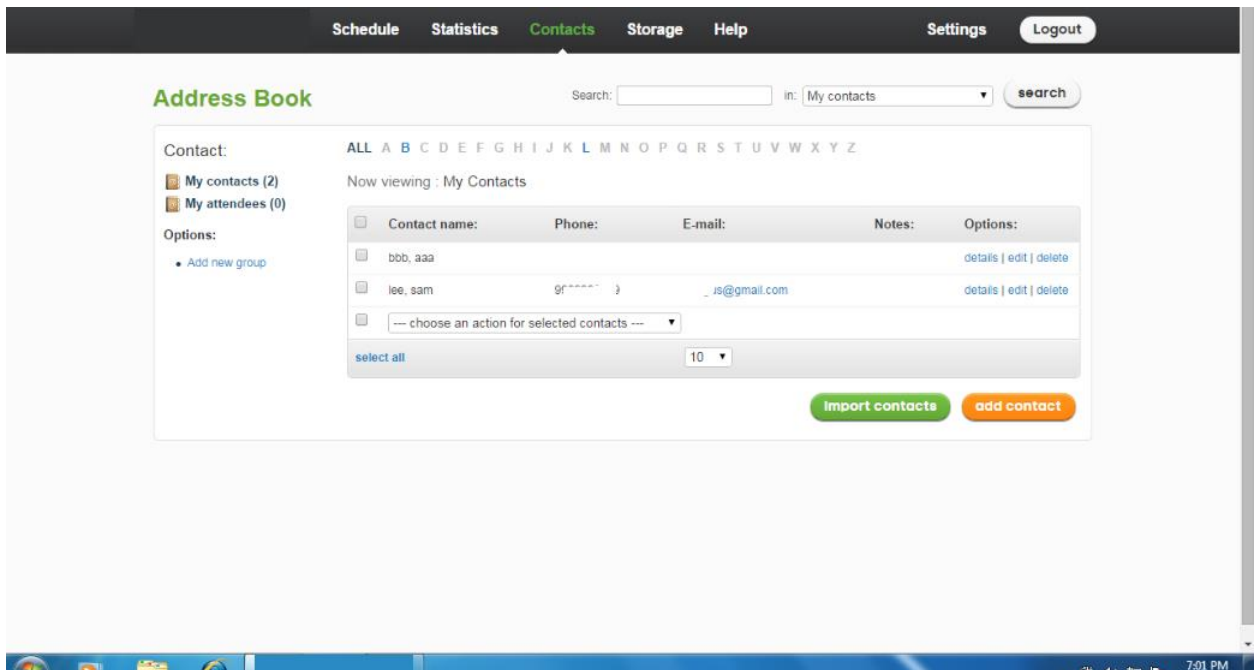
Business casting activities can be added from settings and will be added



Manage contacts



List added is shown



Link generation and settings for the activation and access

Presentation

Details Settings

Room name: software meet

Room URL: https://tech...are_meet

Room type: Permanent event - endless Time scheduled event

Event Date: Asia/Kolkata

Duration: up to 1 hour

Waiting Room Message: sample message

Access type: Password protected
Free to all
Password protected
Token protected

Enter Password:

Cancel Create

Preview is shown

Details Advanced Registration Invitation List Widgets

Room name: software meet [Export this event to calendar file >](#)

Room URL: https://tech...are_meet

Room type: Time scheduled event

Starts at: 19:35 until 20:35

Time Zone: Asia/Kolkata [GMT 5.5]

Waiting Room Message: sample message

- Presenter PIN: 90469
- Participant PIN: 90469

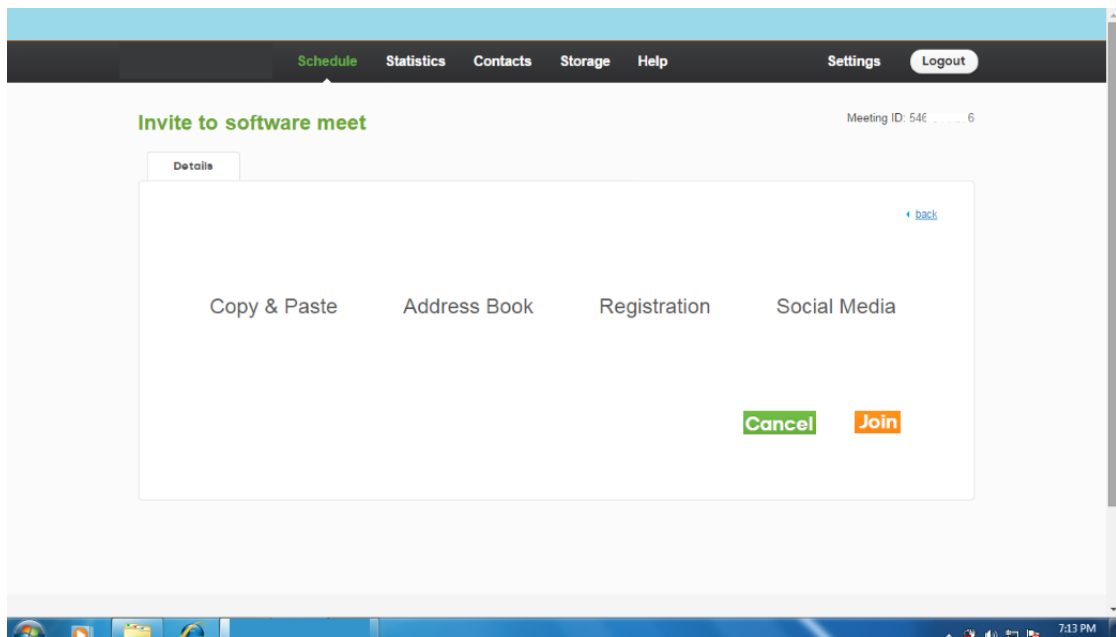
Invitations: [Invite participants or presenters](#)

Reminders: [Add](#)

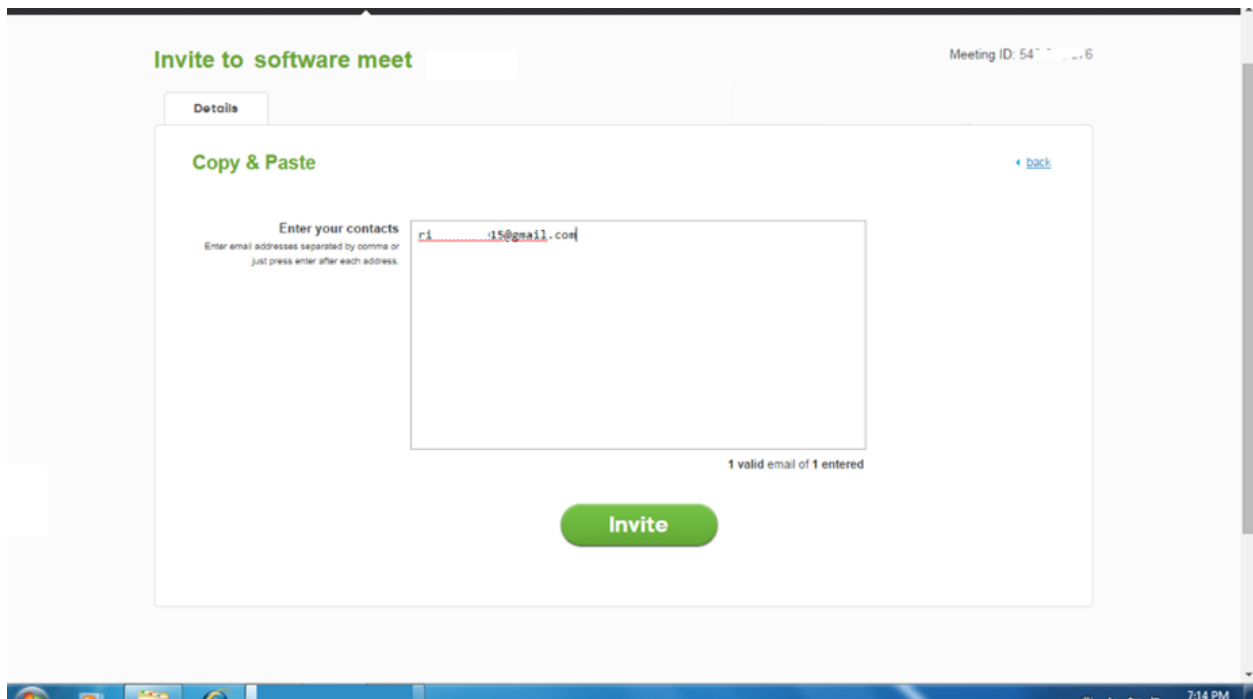
Embed this room to your site: [Copy to clipboard](#)

Cancel Edit this Meeting Join Meeting

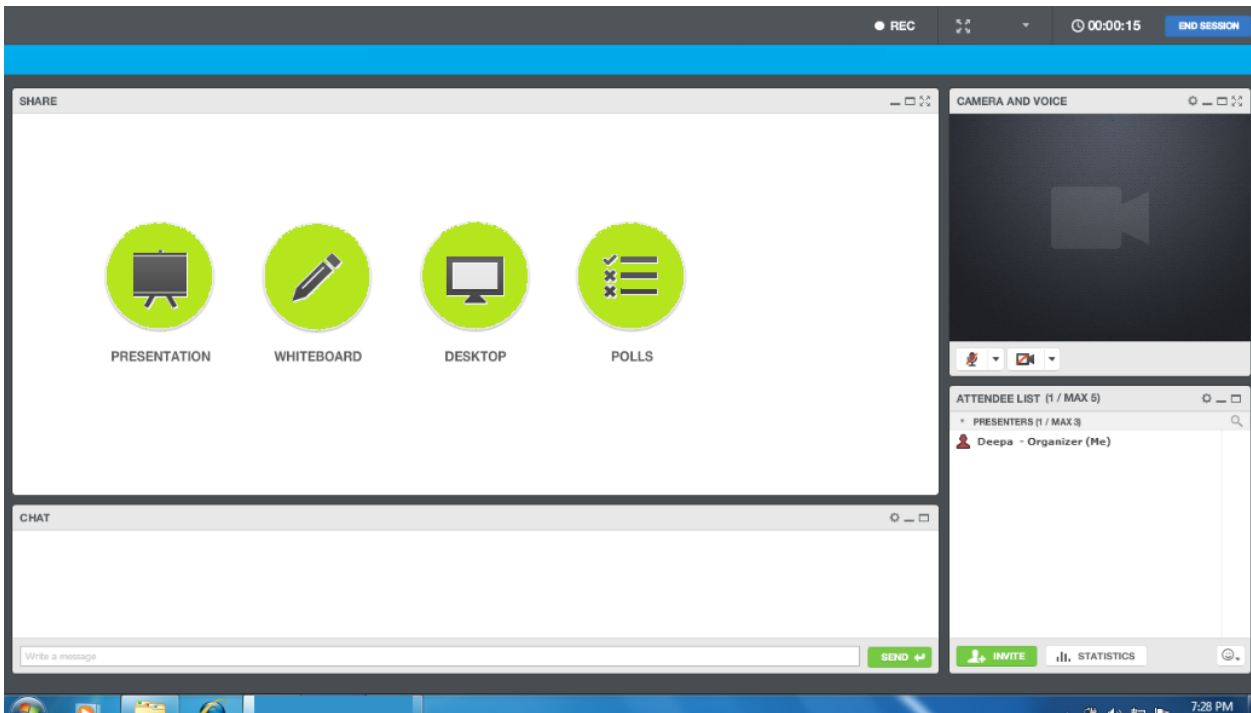
Adding the participants



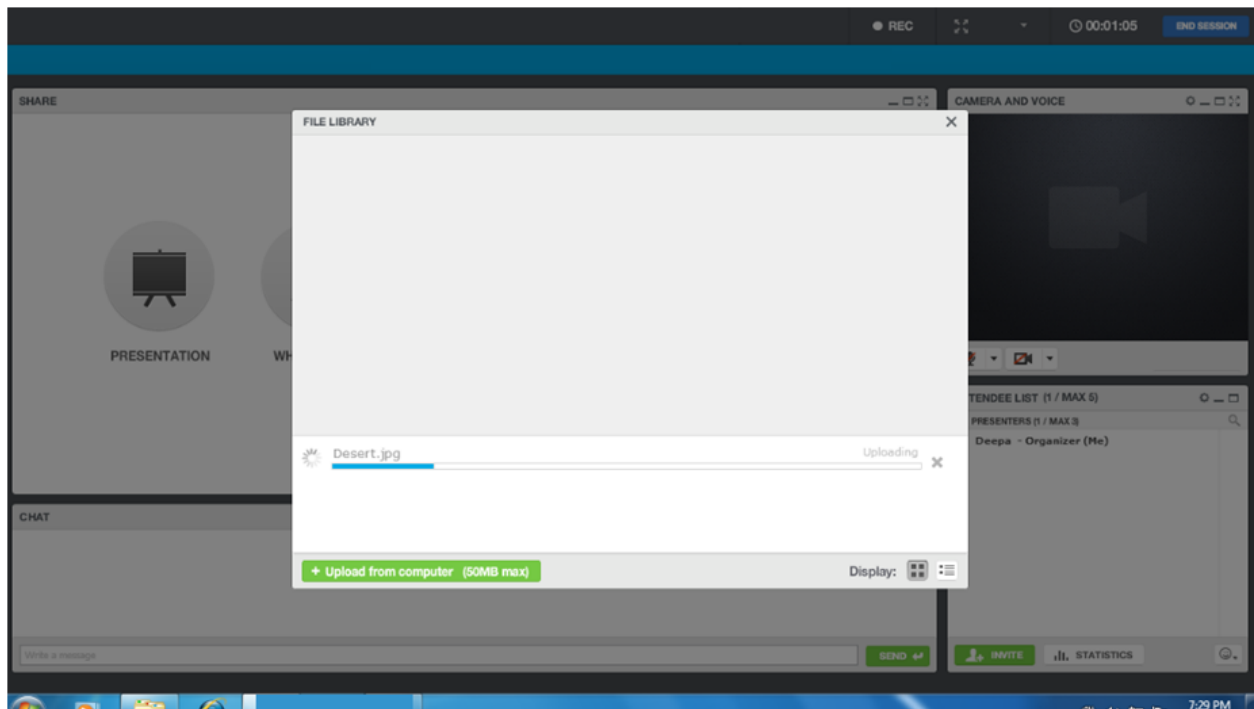
Users can be added in random also



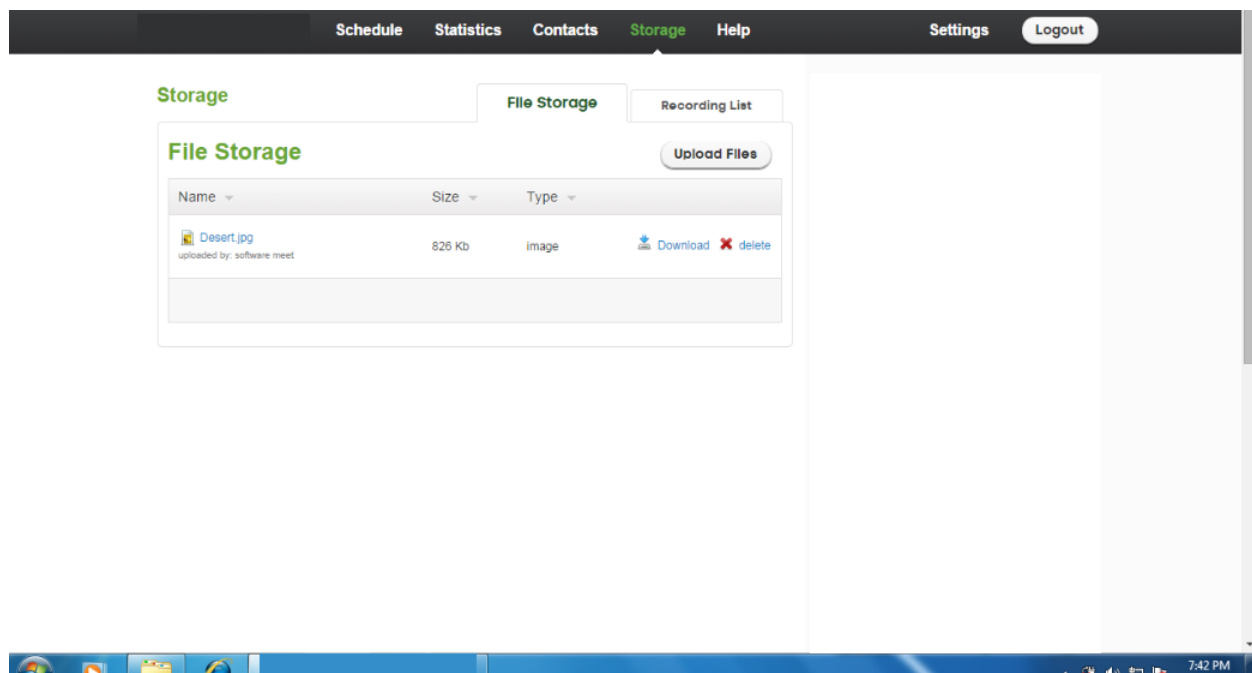
Settings up frame working is provided



Loading presentation



Cloud data management is shown



Feedback reference design is shown

