

## **PREFACE**

The project presented here gives us an idea about how far technology has progressed since it made its advent. In today's era we find that everything is becoming a part of technology. Internet has defied all the geographical distances. We are closing in on the era of paperless office. Most of the fields are getting automated and computerized.

Since ages bulk of the work has been done by man himself. Papers have been the main source of data store. Now is the time when technology takes over and relieves man of most of his duties.

Programming and system development has also been an area where lot of human effort were put in. but thanks to the technology, various tools have been developed and system development process has been greatly simplified.

Event Management System is an application developed using the latest in technology and trends. With the aim of moving towards paperless era and to combine various application under a single interface that would make work fun, fast and easy.

This document contains the system requirements of the project. It contains all the functional and specifications of the project. This document is divided into several parts. The first section contains purpose, scope and overview of the document. It also contains Feasibility analysis like Technical Feasibility, Economic Feasibility, Operational Feasibility, and Schedule Feasibility. It also contains Hardware and Software Requirements of the project.

This document contains Functional and Non-functional requirements of the project. System Design includes diagrams like use case diagrams, class diagrams, DFD, ER diagrams etc.

## **ACKNOWLEDGEMENT**

We will like this opportunity to express our immense gratitude to our project guides, **Prof. Komal R. Patel** and **Prof. Hiteshri N. Modi**, UVPCE, Kherva. We are graceful to them for their great interest in our work and excellent guidance. They have been a constant source of inspiration and motivation to us. By their uncompromising demand for the quality and insistence for meeting the deadlines, we have been able to do such an excellent work. They have shown us a way to excellent work. We also thank them for providing us depth knowledge of System Requirement Specification and working principle of development of any project.

We want to say thank to all staff of UVPCE for support us directly or indirectly to build this project. They provide us atmosphere and necessary tools which we required.

Last, we would like to extend thanks to all our classmates also. We are thankful to them for giving time to time and valuable guidance during the project period and giving us excellent guidance in taking our curriculum decision and choosing, initiating and getting on with the project.

We always have felt the invisible help from the almighty, without the blessing almighty, we could not have succeeded.

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## **ABSTRACT**

Web application can be one of the best way to keep users engaged with a brand as both users and brand locate on different places. With the increase in demand for web development and efficiency of networks, the demand for web applications has increased incredibly. Timing and scheduling are the most important things in the 21<sup>st</sup> century. Event Management is the need of every human being.

The main aim of this project is to build an web application that make the users does not bother about the personal events, his/her important dates, his/her social network, sharing of his/her event with different friends and navigate the whole calendar as a part of daily life tool.

The main features provided by the Inspire Calendar are as follows:

1. The user can access the web application from anywhere in the network where the server is located with project.
2. The user can register himself/herself with providing some personal information and get username and password for his/her private account.
3. The user can login into system and navigate with the calendar. He/she can find any date for event by navigating month and year.
4. Very good GUI is provided with the proper navigation linking and the security measures.
5. The administrator can also login with the same interface of the system and control the whole system with his/her functionalities.
6. The administrator can monitor every member of the system who has registered with it.

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**CHAPTER 1 : INTRODUCTION ABOUT PROJECT**



## **1.1 OVERVIEW OF THE PROJECT**

Now a day's every user wants to access their personal information as well as its own daily life schedule and events. This system has facility to store and delete personal information about user. It's helpful to manage data and events. This system also helps to scheduling events and important dates. It has also facility of account so user can store their personal information by logging into their account.

User can see the whole calendar with good GUI to find any particular date for any important occasion. User can add that event on respected date. User can easily see the already added events on the calendar.

User can share their information with other user who is registered with this system and they can also get notification of other user's shared event. It is a simple web application for user with easy understanding. Admin provides good GUI as a part of theme to every users.

This feature can be implemented in Social Networking with chatting facility. It can also use to send notification to User's mobile via SMS. User can use this application with its own social networking.

## 1.2 SCOPE

The system is built in PHP Web development. PHP is well known language in the market. So it can be understood easily by any organization. The interface of this system is user friendly and very attractive. The admin of the system can change the user interface for better visual appearance.

Therefore on analyzing all the points above it was felt by the students that there was need of such a tool which could fulfill all the needs of student and any other persons who needs calendar in their daily life.

In developing this project, it is the most important thing to bind all the contents of the projects together to fulfill the scope of the project. So that by web designing principals, the project management activity is the determination activity of web designing scopes.

This project covers lots of things for users. As a developer's point of view, project seems good to user when the data is well defined and all the error or exception possibilities can be fixed. Think all possibilities that may be arise in the executions of the project on the web browser.

The main thing is the security. Some data are shown to only authenticate users. Every page of project cannot be shown to all users. Authentication is the major goal of this project. User have to keep all security aspects in mind while using such web applications because of its private data.

### 1.3 PURPOSE

We choose this project because every students need such an application which is useful in their daily life as well as it can be accessed from anywhere. Students and also any professional employee need this application in many ways. Every user who is connected to this system can make their own account in the system. So his/her all private information are stored in this system. He/she can use the calendar on the go.

There is some system always required in student life for his/her study work, personal work or financial work. Student can store his/her any event on particular date like some test or exams which will be held in college, then he/she can add this event in his/her personal account. User can add any personal event like birthday of any friend. He/she can add any memorable event into it. User can fix its meeting or any appointment in the calendar.

This system allows user to store also some files. Students need this thing very much in their college life. When they want to upload any practical or any other document, they can. They can download such document from their home because it's a web application. So user can access it from anywhere. This system provides better file system like a cloud computing to store data on the web. It is also very useful for children to store their monthly pocket money and all the expenditure details for their personal life. They can entry it in the calendar and measure their monthly expenditure.

The data is the most important for the users as well as the company or organization. So security of all the data of users who are attached with this system is very important.

Looking this project closely, we can found one important thing is interaction of the well know social networks. The purpose is that we can provide our new system with the advantages of existing systems.

## **CHAPTER 2 : FEASIBILITY ANALYSIS**

A feasibility study is an evaluation and analysis of the potential of the proposed project which is based on extensive investigation and research to give full comfort to the decisions makers. It helps in deciding whether it is viable to go through the project or not. Feasibility study studies the system and tells the system whether to develop the system or not.

1. Technical Feasibility
2. Economic Feasibility
3. Operational Feasibility
4. Schedule Feasibility

### **2.1 Technical Feasibility**

The technical feasibility assessment is focused on gaining an understanding of the present technical resources of the organization and their applicability to the expected needs of the proposed system. It is an evaluation of the hardware and software and how it meets the need of the proposed system.

### **2.2 Economical Feasibility**

The purpose of the economic feasibility assessment is to determine the positive economic benefits to the organization that the proposed system will provide. It includes quantification and identification of all the benefits expected. This assessment typically involves a cost/ benefits analysis.

The costs of different hardware/software configuration need to be examined. Hidden costs such as user time for requirements acquisition, testing and training should not be omitted; the most frequently missed cost is the cost of maintaining the system once it is installed. Set against the costs should be a quantifiable assessment of the expected benefits, for example reduced labor costs, and improved customer service for predicted increase in orders.

### **2.3 Operational Feasibility**

Operational feasibility is a measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

The operational feasibility assessment focuses on the degree to which the proposed development projects fits in with the existing business environment and objectives with regard to development schedule, delivery date, corporate culture, and existing business processes.

### **2.4 Schedule Feasibility**

A project will fail if it takes too long to be completed before it is useful. Typically this means estimating how long the system will take to develop, and if it can be completed in a given time period using some methods like payback period. Schedule feasibility is a measure of how reasonable the project timetable is.

## **CHAPTER 3 : HARDWARE AND SOFTWARE REQUIREMENTS**

### 3.1 Hardware Requirements

Characteristics	Minimum	Recommended
Processor	Pentium III or later	Pentium IV or later
Processing Speed	800 MHz	1.5 GHz
RAM	512 MB	1 GB
HDD	50 MB	75 MB
Internet	SSL enabled Internet	

*Table 3.1 Hardware Requirements*

### 3.2 Software Requirements

Characteristics	Software
Operating System	Windows XP SP2+, Vista, 7, or 8
Language	HTML5, JavaScript, PHP5
Front End	Apache Server, PHP
Back End	MySQL Database
Web Browser	Google Chrome 23 or later, Mozilla Firefox 17+ or any other supporting

*Table 3.2 Software Requirements*



## **CHAPTER 4 : FUNCTIONAL REQUIREMENTS**

## **FUNCTIONAL REQUIREMENTS:**

- User can register himself/herself into this system by providing some personal information with proper validation and he/she got the unique username and password to access personal account.
- User use that username and password to sign in the system.
- A very good GUI is provided to every user for navigating whole site easily.
- Mail functionality is provided for password recovery. User can get his/her forgotten password through email address.
- A calendar with good designing and GUI is provided to the user after successful login into system.
- User can add any event to any particular date by simply click on that date. And he/she can fill a form for adding event. System give functionalities to add time and repetition to particular event.
- User can select some users who are already registered with the system to share his event with them. And Notification is sent to them by email.
- User can see all added event on the same calendar.
- User can change his/her profile and his/her profile picture with some validation.
- Admin can login into the system by the same interface with his/her private credential information.
- Admin can monitor all the users of the system by its own panel.
- Admin can see the profile of that users who has been registered with the system. She/he can edit, update or delete any user's profile. Search module gives very good functionality to the admin for searching any particular user in the system.
- Admin can add new admin of the system so that same functionalities is achieved by two different persons.
- Admin can change the background theme and fonts for all users and the system. To apply different themes to the same system takes too much time for admin. But admin can change theme in couple of seconds.
- Admin can add any new theme to the system which is made by the designer admin of the system. She/he can upload proper .css files to the system.

- Title Bar of every page of the system displayed today's date and name of the user who is currently logged in.
- User can add, edit or delete any particular event of the Google Calendar by providing Google accounts credential information to the system. He/she can see all the events which are added to the Google Calendar. The system works as a bridge to the Google Calendar.

## **CHAPTER 5 : NON-FUNCTIONAL REQUIREMENTS**

## **NON-FUNCTIONAL REQUIREMENTS:**

### **5.1 Capacity:**

The application uses lightweight database. Thus the application has no problem related to storage. New users can register himself/herself with their personal information and that data will be persisted into database for permanent storage. The system has some constraint over the file size i.e. profile picture size and .css file size for theme. User can upload these files up to some fixed size.

### **5.2 Performance:**

The application always performs well in all cases as it follows Hardware and Software Requirements. The system requires internet connectivity for better performance. The programming structure is well defined to meet high performance. The system perform very well in latest web browsers.

### **5.3 Availability:**

The application is available to users all the time as it is a standalone application. When in normal operating conditions, request by a user for a service shall be handled within seconds. Server is always available for any request of the user and it reduce the ambiguity due to server availability.

### **5.4 Reliability:**

The application is 100% reliable if the user has entered correct information of his/her personal details. The database performs reliable operations with user's credential data.

### **5.5 Usability:**

The users of the applications are the person who is connected within the network in which the server of the web application is located. The users can directly access the URL of the project in the server and he/she can use the web application easily with little understanding.

**5.6 Validation:**

The system is made with some important validation as it require to perform all operations on the database and web successfully. User and admin has to give the input data as per the validation rules. The proper error reporting with good GUI when the validation rules are not followed. Error Handling is also performed with some good ideas.

**5.7 Security:**

Security of the web application is the function requirements of the project because it is always run on unreliable network with lots of users are connected to the system. But in this application it is considered as the non-functional requirement. The system prevents unauthenticated users who trying to access authenticate pages.

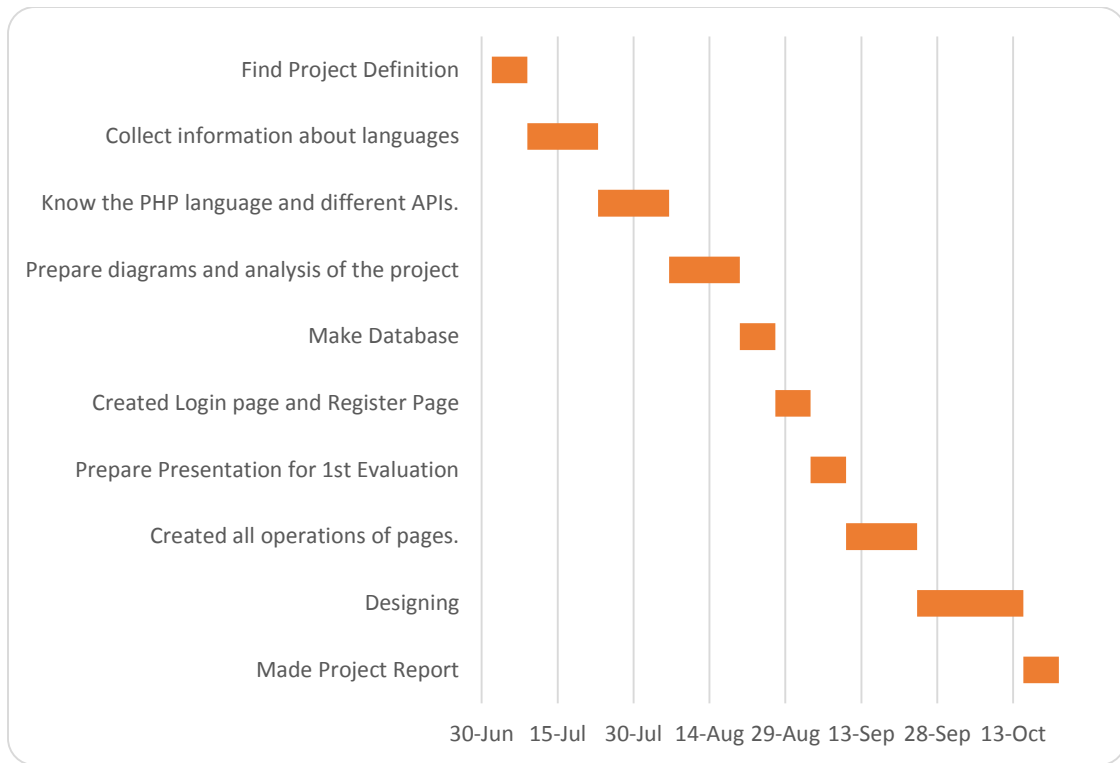
## **CHAPTER 6 : PROJECT PLANNING**

## 6.1 SCHEDULE OF PROJECT

Starting Date	Completion Date	Work Tasks
02/07/2013	09/07/2013	Find Project Definition
09/07/2013	23/07/2013	Collect information about different server side languages
23/07/2013	06/08/2013	Know the PHP language and different APIs and Frameworks.
06/08/2013	20/08/2013	Prepare necessary diagrams of the project and analysis of the project
20/08/2013	27/08/2013	Make Database
27/08/2013	03/09/2013	Created Login page, Register Page and Edit Profile Page
03/09/2013	10/09/2013	Prepare Presentation for 1 <sup>st</sup> Evaluation
10/09/2013	24/09/2013	Created all operations of pages.
24/09/2013	15/10/2013	Designing
15/10/2013	22/10/2013	Made Project Report

*Table 6.1 Schedule of Project*



**6.2 GANTT CHART :**

*Figure 6.1 Gantt chart for project schedule*

## **CHAPTER 7 : SYSTEM DESIGN**

## SYSTEM DESIGN:

### 7.1 USE CASE DIAGRAM:

A Use Case Diagram is “a diagram that shows the relationships among actors and use cases within a system.” Use case diagrams depict:

- **Use cases.** A use case describes a sequence of actions that provide something of measurable value to an actor and is drawn as a horizontal ellipse.
- **Actors.** An actor is a person, organization, or external system that plays a role in one or more interactions with your system. Actors are drawn as stick figures.
- **Associations.** Associations between actors and use cases are indicated in use case diagrams by solid lines. An association exists whenever an actor is involved with an interaction described by a use case. Associations are modeled as lines connecting use cases and actors to one another, with an optional arrowhead on one end of the line. The arrowhead is often used to indicating the direction of the initial invocation of the relationship or to indicate the primary actor within the use case. The arrowheads are typically confused with data flow and as a result WE avoid their use.
- **System boundary boxes (optional).** You can draw a rectangle around the use cases, called the system boundary box, to indicates the scope of your system. Anything within the box represents functionality that is in scope and anything outside the box is not. System boundary boxes are rarely used, although on occasion I have used them to identify which use cases will be delivered in each major release of a system.
- **Packages (optional).** Packages are UML constructs that enable you to organize model elements (such as use cases) into groups. Packages are depicted as file folders and can be used on any of the UML diagrams, including both use case diagrams and class diagrams. WE use packages only when our diagrams become unwieldy, which generally implies they cannot be printed on a single page, to organize a large diagram into smaller ones.

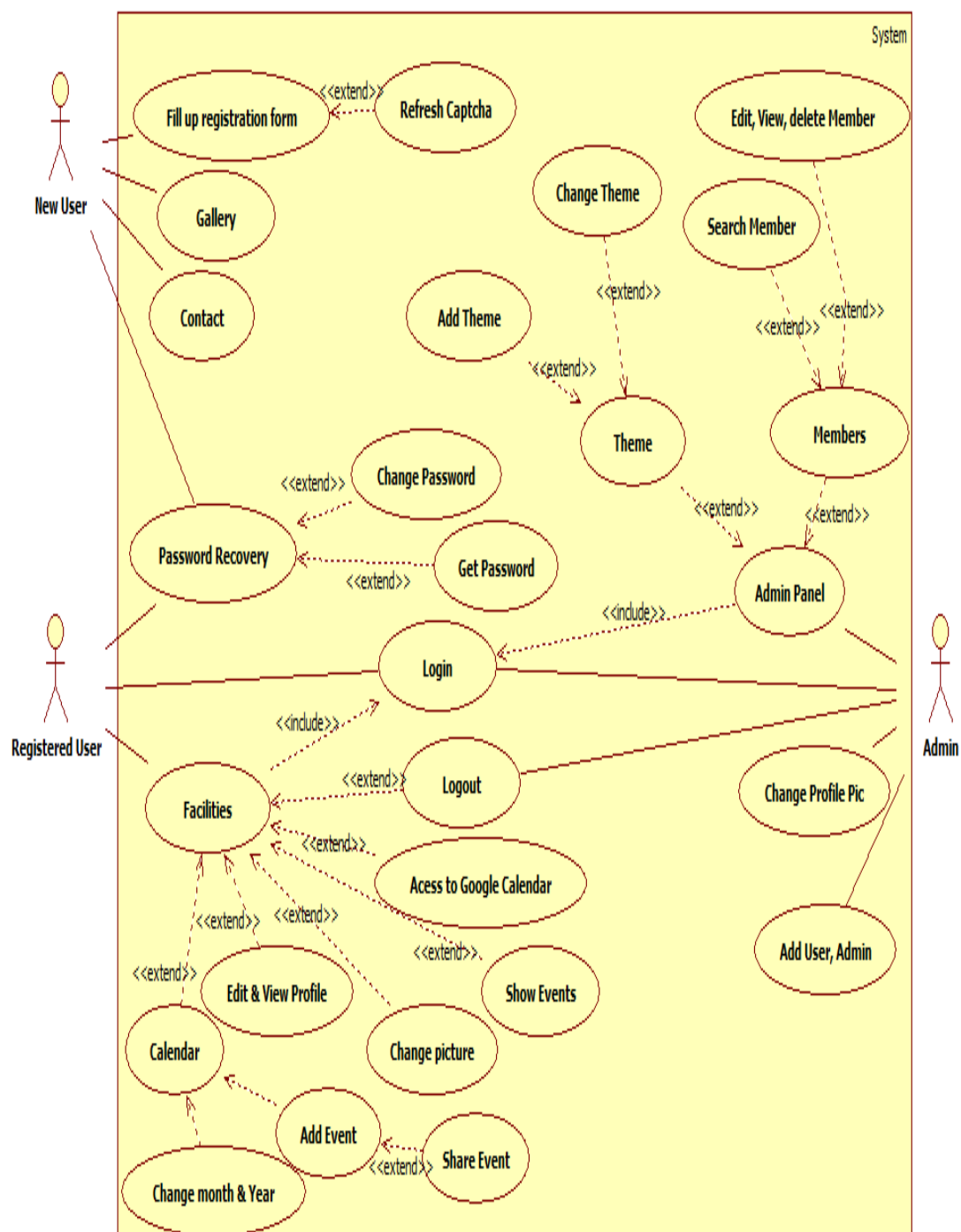
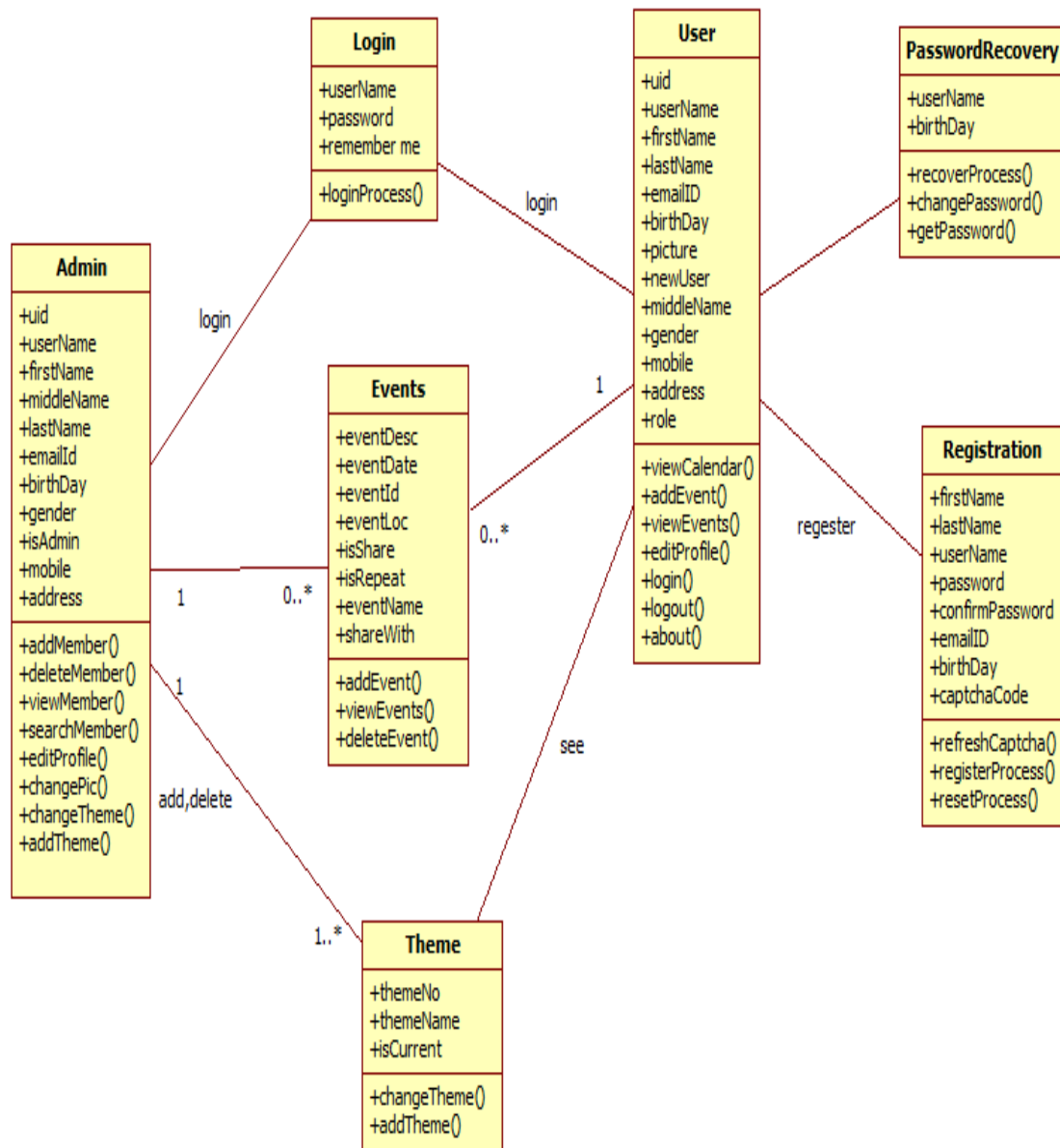


Figure 7.1 Use case Diagram

**7.2 CLASS DIAGRAM :***Figure 7.2 Class Diagram*

### 7.3 DATA DICTIONARY :

Table : event

Field	Type	Null	Default	Comments
eventid	int(20)	No		Primary Key
uid	int(20)	No		Foreign Key references reg.uid
eventname	varchar(50)	No		
eventdesc	varchar(50)	Yes	<i>NULL</i>	
eventloc	varchar(50)	Yes	<i>NULL</i>	
eventdate1	date	No		
eventdate2	date	No		
eventtime1	time	Yes	<i>NULL</i>	
eventtime2	time	Yes	<i>NULL</i>	
repeats	varchar(50)	No	no_repeat	
starton	date	Yes	<i>NULL</i>	
endon	date	Yes	<i>NULL</i>	
eventcolor	varchar(50)	No	#00FF00	

Table 7.3.1 Data Dictionary for event

Table : event\_share

Field	Type	Null	Default	Comments
shareid	int(20)	No		Primary Key
eventid	int(20)	No		Foreign Key references event.eventid
eventname	varchar(50)	No		
uid	int(20)	No		Foreign Key references reg.uid
friendid	int(20)	No		
friendmail	varchar(50)	No		

*Table 7.3.2 Data Dictionary for event\_share*

Table : role

Column	Type	Null	Default	Comments
roleid	int(20)	No		Primary Key
uid	int(20)	No		Foreign Key references reg.uid
isAdmin	tinyint(1)	No	0	

*Table 7.3.3 Data Dictionary for role*

Table : reg

Field	Type	Null	Default	Comments
uid	int(20)	No		Primary Key
fname	varchar(50)	No		
mname	varchar(50)	Yes	<i>NULL</i>	
lname	varchar(50)	No		
uname	varchar(50)	No		Unique Key
password	varchar(128)	No		
email	varchar(50)	No		
bday	varchar(10)	No		
gender	varchar(50)	Yes	<i>NULL</i>	
mobile	varchar(13)	Yes	<i>NULL</i>	
address	varchar(50)	Yes	<i>NULL</i>	
city	varchar(50)	Yes	<i>NULL</i>	
state	varchar(50)	Yes	<i>NULL</i>	
country	varchar(50)	Yes	<i>NULL</i>	
region	varchar(50)	Yes	<i>NULL</i>	
pic	varchar(50)	No	user.png	

Table 7.3.4 Data Dictionary for reg



Table : theme

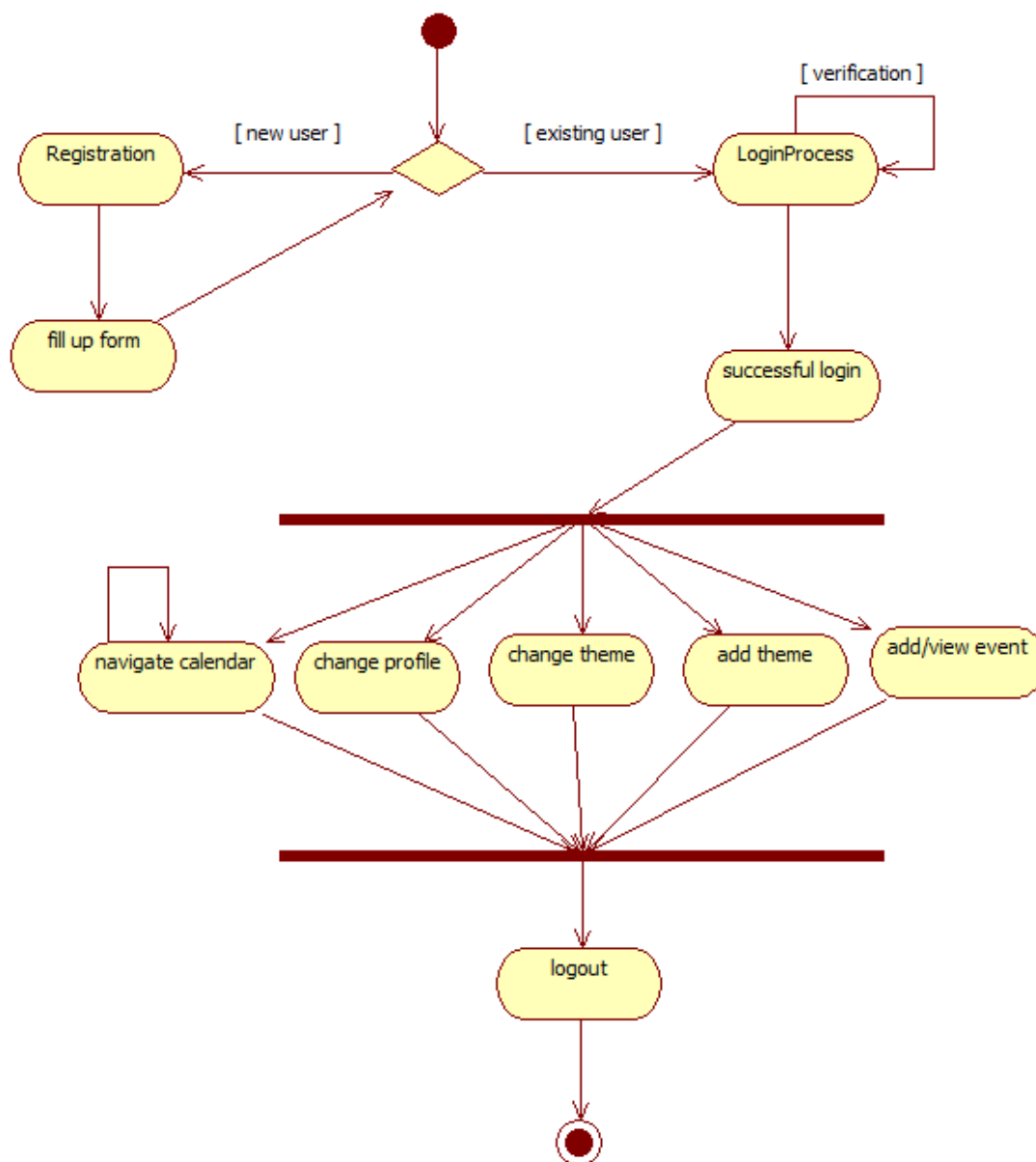
Column	Type	Null	Default	Comments
themeno	int(20)	No		Primary Key
themename	varchar(50)	No		Unique Key
homepage	varchar(50)	No		
register	varchar(50)	No		
dropdown	varchar(50)	No		
adminpage	varchar(50)	No		
gopifake	varchar(50)	No		
calendar	varchar(50)	No		
changePIC	varchar(50)	No		
current	tinyint(1)	No	0	

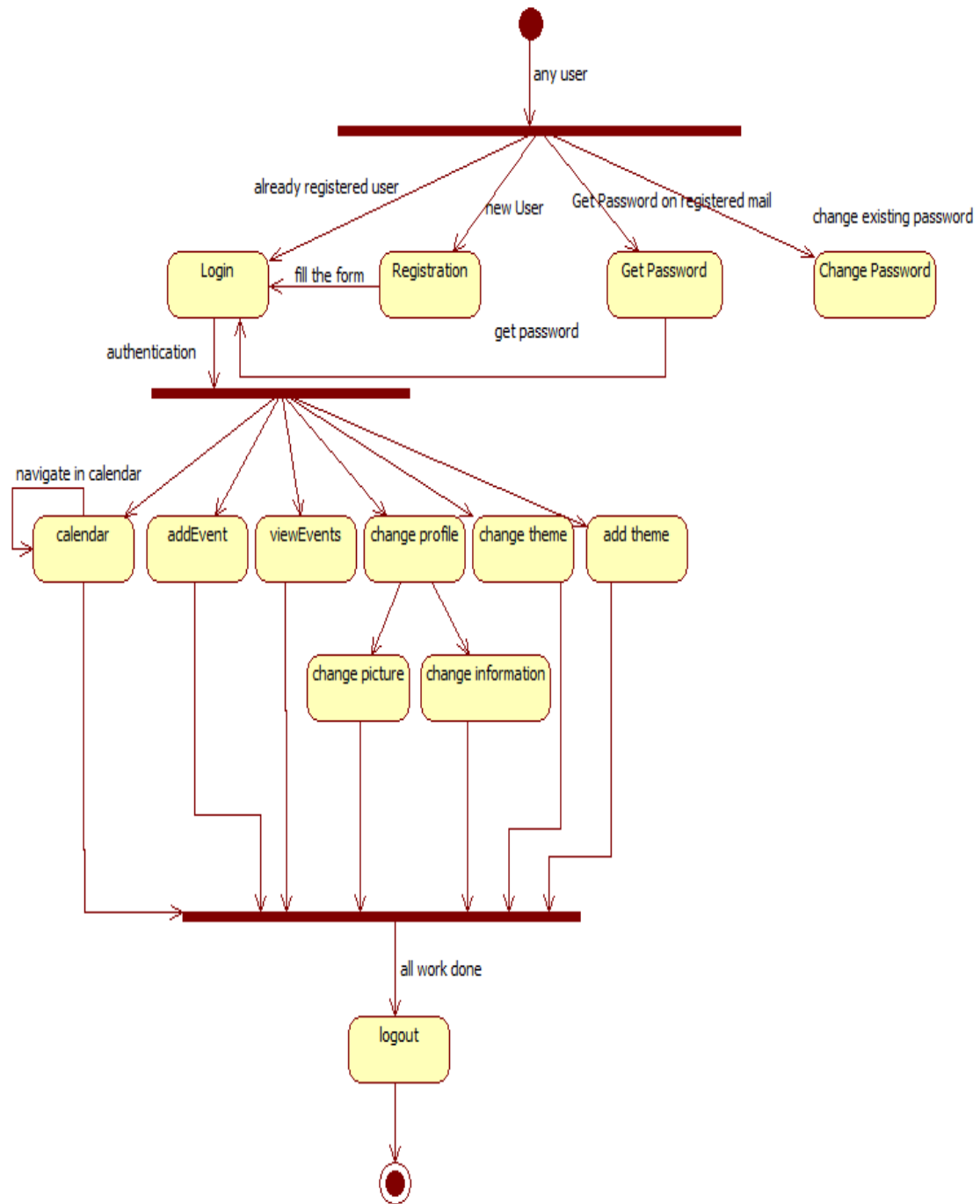
*Table 7.3.5 Data Dictionary for theme*

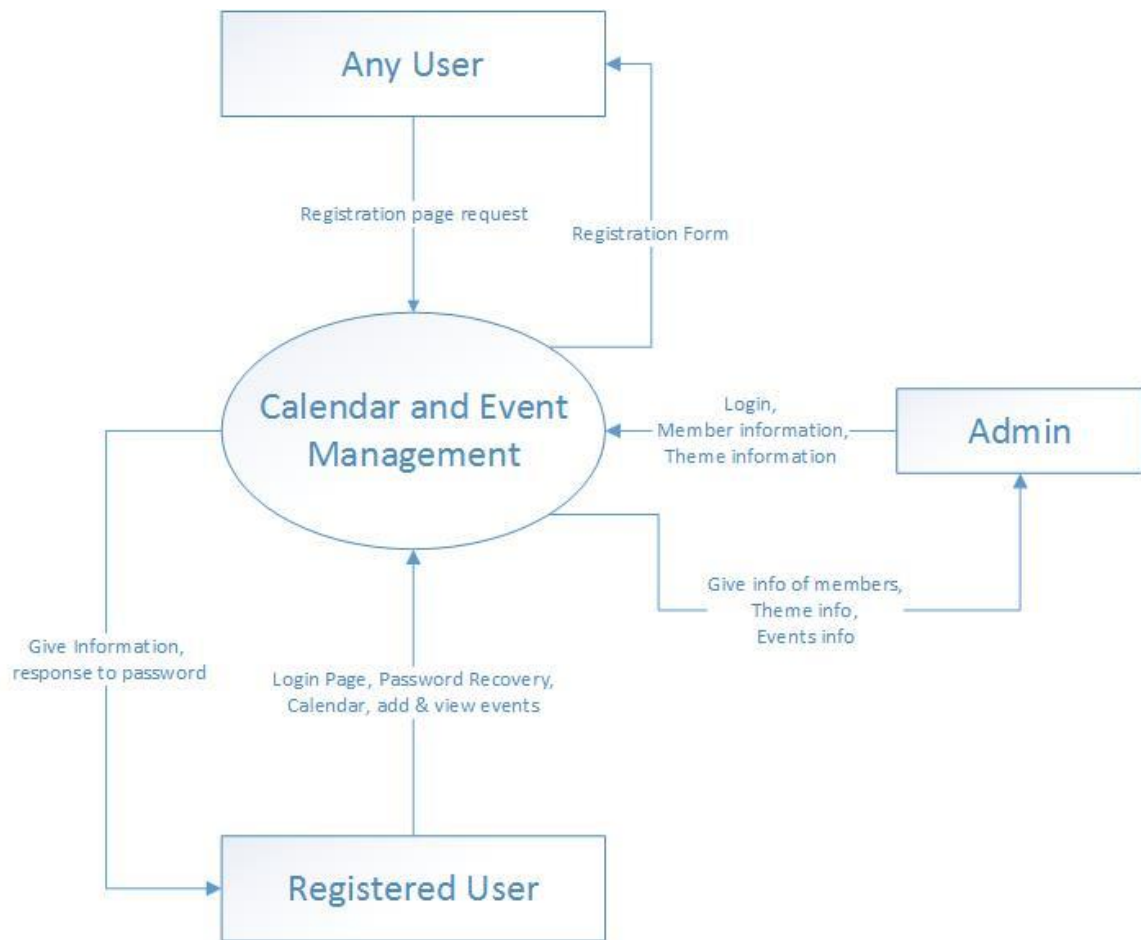
Table : google

Column	Type	Null	Default	Comments
googleid	int(20)	No		Primary Key, Auto Increment
uid	int(20)	No		Foreign Key references reg.uid
uname	varchar(50)	No		Foreign Key references reg.uname
googleuname	varchar(50)	Yes		Unique Key
googlepass	varchar(50)	Yes		

*Table 7.3.6 Data Dictionary for google*

**7.4 ACTIVITY DIAGRAM :***Figure 7.3 Activity Diagram*

**7.5 STATE CHART DIAGRAM :***Figure 7.4 State Chart Diagram*

**7.6 DATA FLOW DIAGRAM :***level 0 :**Figure 7.5 Level 0 DFD*

level 1:

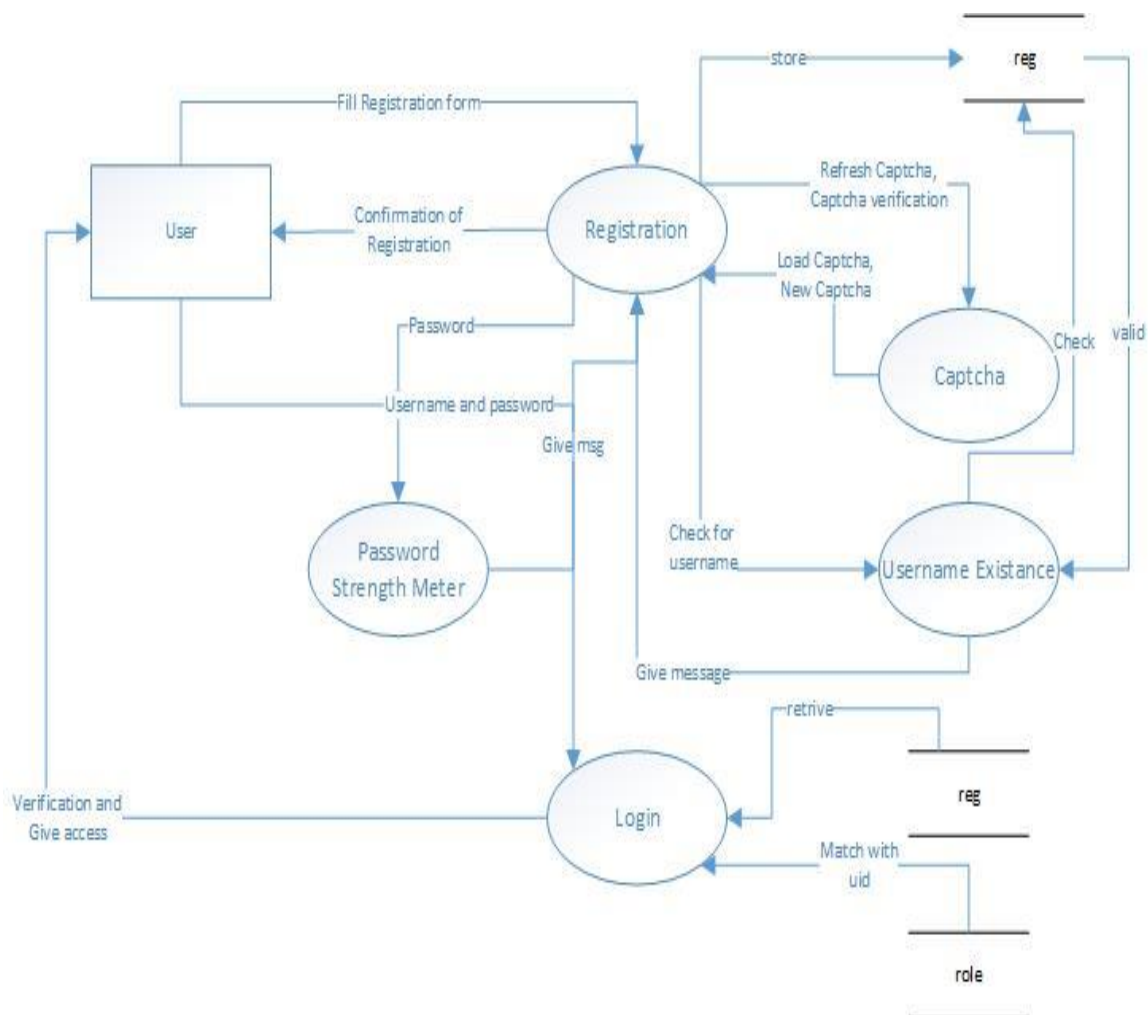


Figure 7.6 Level 1 DFD

level 1:

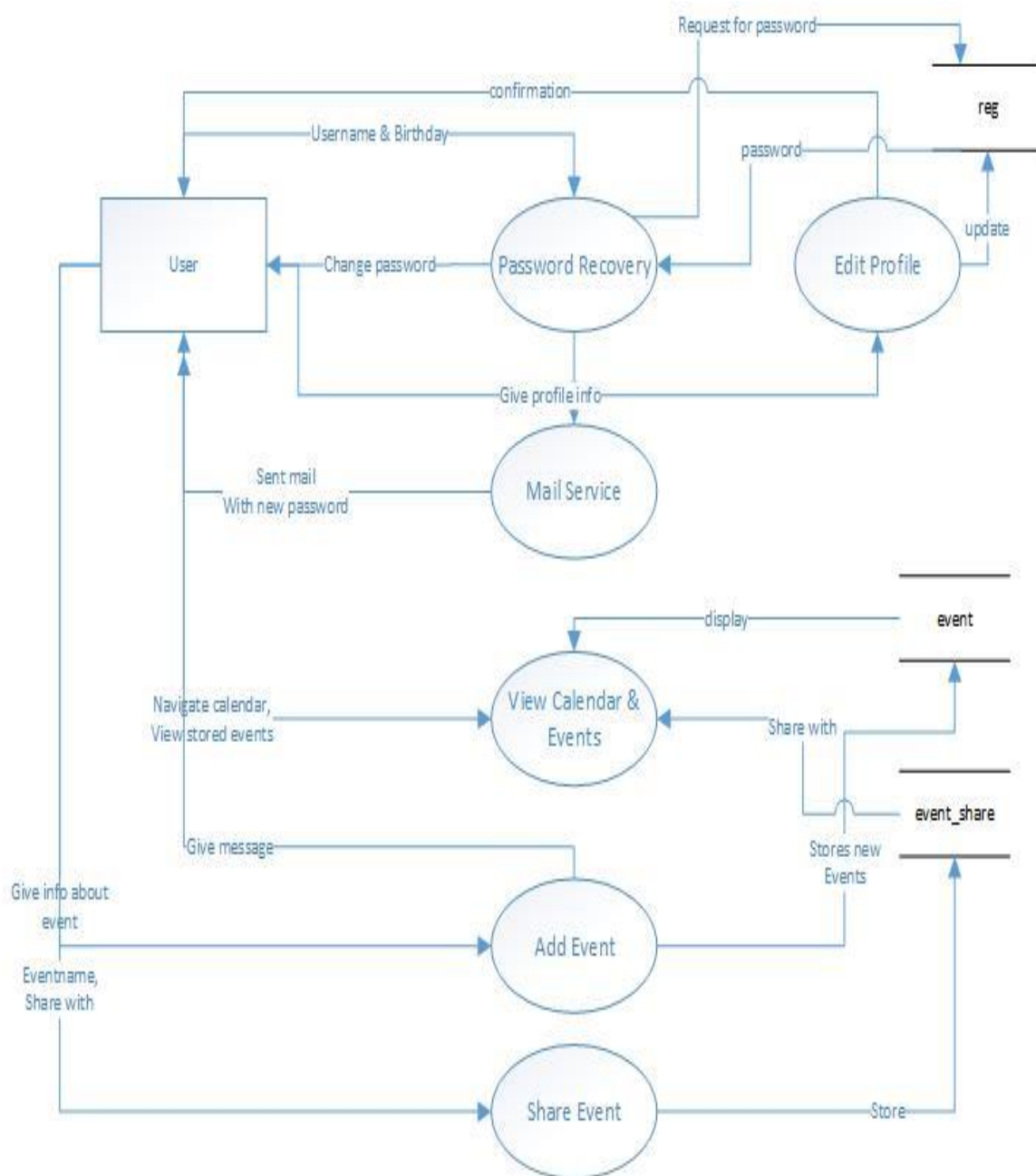


Figure 7.7 Level 1 DFD

level 1 :

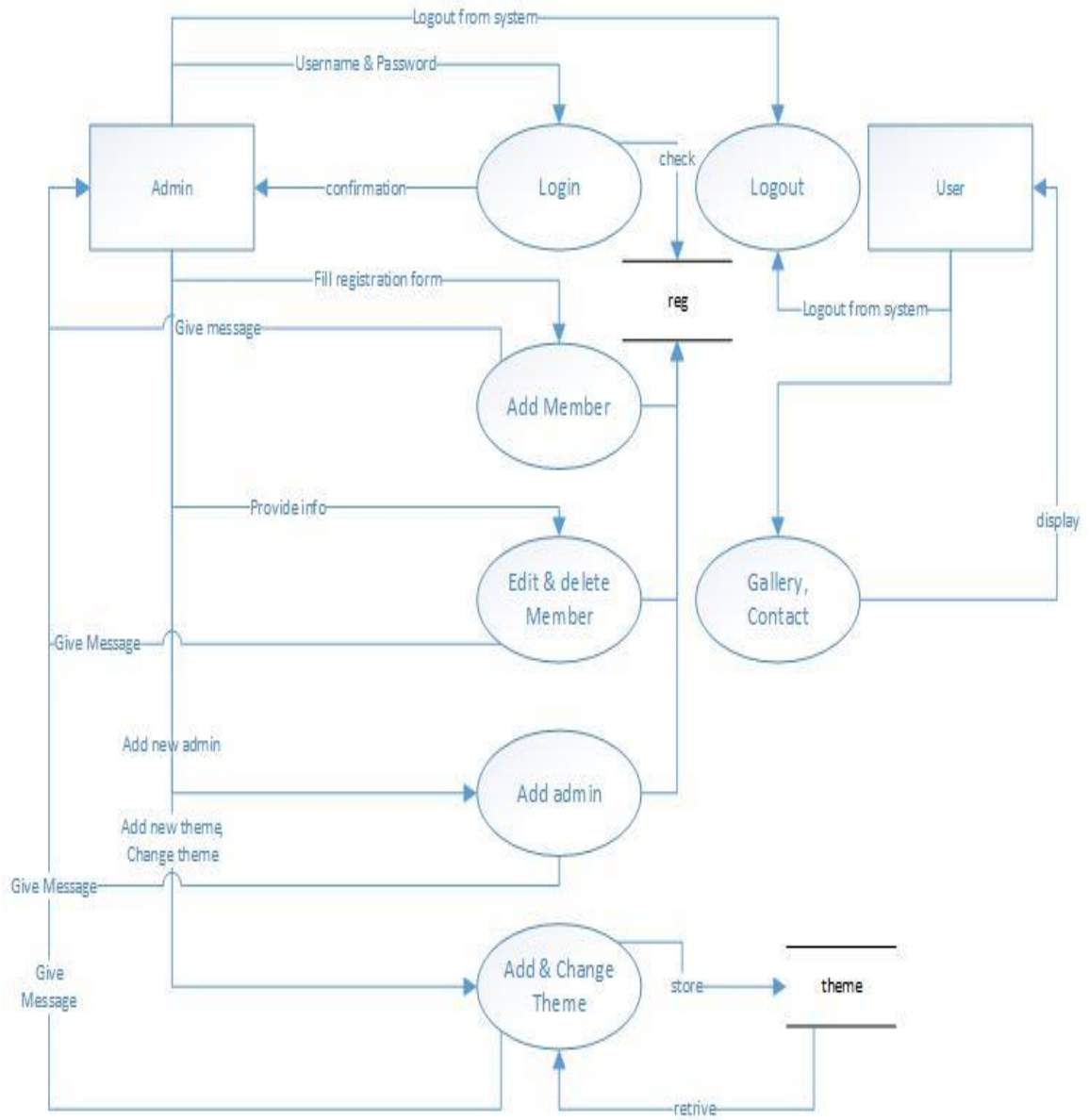


Figure 7.8 Level 1 DFD

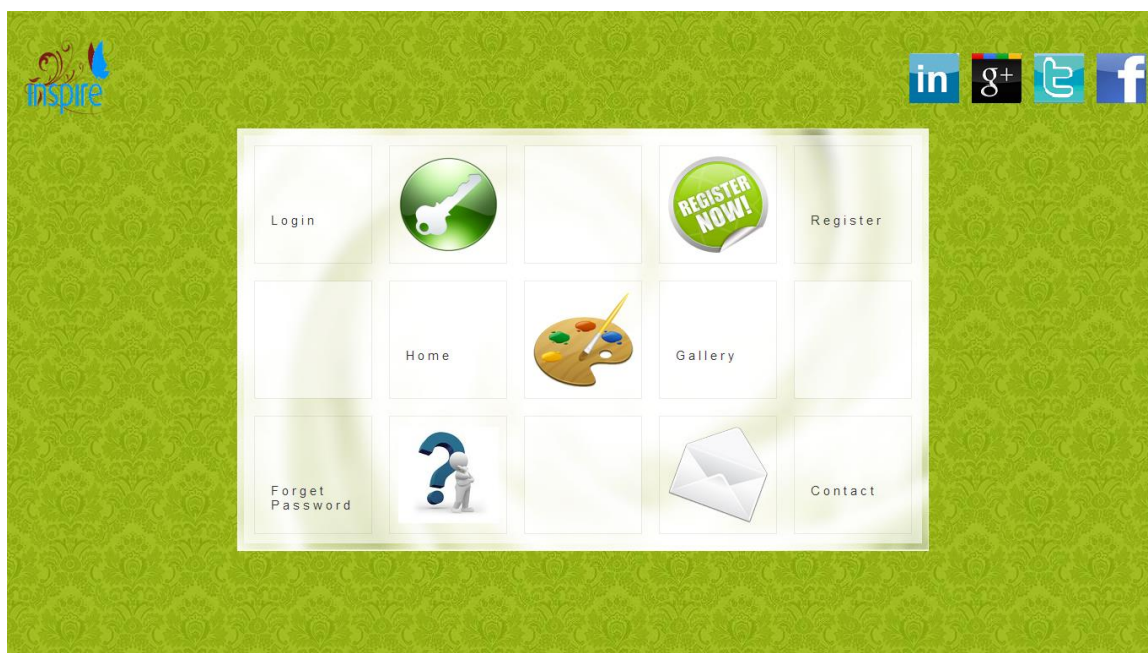
## **CHAPTER 8 : IMPLEMENTATION DETAILS WITH SNAPSHOTS**



## 8.1 HOME PAGE:

The index page of the Inspire calendar is shown below. This is the first page that will be open when application start. This page enables the user to login them with his/her user ID and password. It is the **HOME PAGE**. So user cannot access any single page in the project without login. If the new user wants to access the system then he/she can sign up by clicking Register link.

This page has been decorated with the certain useful features like forgot password incase the password has been forgotten by user. In that case system will go to new page for recovery. It will ask the user for username and his/her birthday. If both the answers match then system will send one email to the user. This email address is the one which is entered by user at registration time. This email contains password of the user.



*Figure 8.1 Snapshot of Home Page*

## 8.2 REGISTRATION PAGE:

This is the page of registration. When the user come to this system first time, he/she have to register himself/herself. This is the registration page with complete validations. Every fields are required. So user have to fill every field. Username is the unique, so if the username is not available then it will display error message.

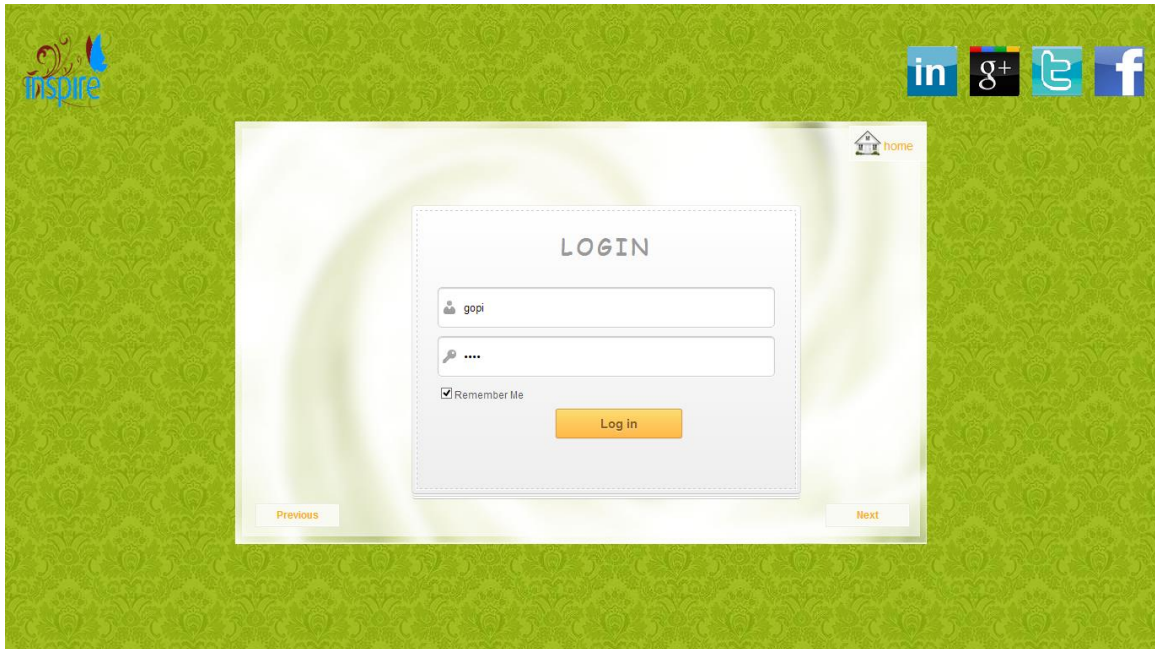
There is one password strength meter which gives the idea to the user his/her password's strength. Email ID has pattern validation. So user have to insert email with proper format. For birthday, there is one date-picker to choose user's birthday with attractive animation.

At last, to prevent from the spam and script's attack, there is one captcha code. Human being can easily read that code and write the same code in the text box. But any script cannot do this because the code is inside the image.

*Figure 8.2 Snapshot of Registration Page*

### 8.3 LOGIN PAGE:

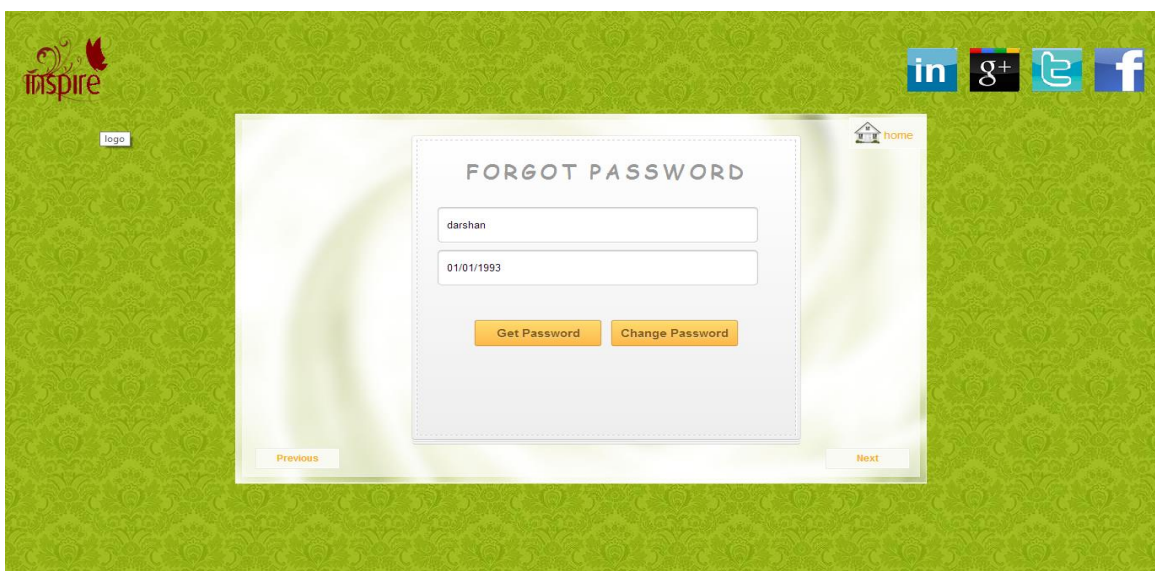
The Login page of the Inspire calendar is shown below. This is the Login page that will be open when application start. This page enables the user to login them with his/her user Username and password. It is the **LOGIN PAGE**. So user cannot access any single page in the project without login. If the new user wants to access the system then he/she can sign up by clicking Register link.



*Figure 8.3 Snapshot of Login Page*

#### **8.4 FORGOT PASSWORD PAGE:**

In case, user forgot the password of the system this module help him/her to recover the password. User always know his/her birthday which is written at the registration time. With the help of correct username and birthday system fetch the password of the user and send that password to the user via email which is registered.



*Figure 8.4 Snapshot of Forgot Password*



### 8.5 WELCOME PAGE:

After login successful with proper username and password, user will be redirected to this web page. It is the “home menu” page. User can change profile pic and if user wants to add event on particular date of calendar then She/he can add event in every date. Then, there is a menu. Then there is information about user i.e. Profile pic and Full name of user. In Header line, there is Profile link. In that user can view profile and edit profile. The most of the page is covered by the calendar. User can open any calendar of any year and any month (70 years previous and 70 years next).



*Figure 8.5 Snapshot of Welcome Page*

### 8.6 ADD EVENT PAGE:

From the welcome page, user can select any date of month to add event. The hyperlink of any date of month can redirect with parameters like date, month and year. User can write all information about event in the add event module and click submit button. Event will be added into database and also display in particular date of month. After successful adding, the page shows message for confirmation.

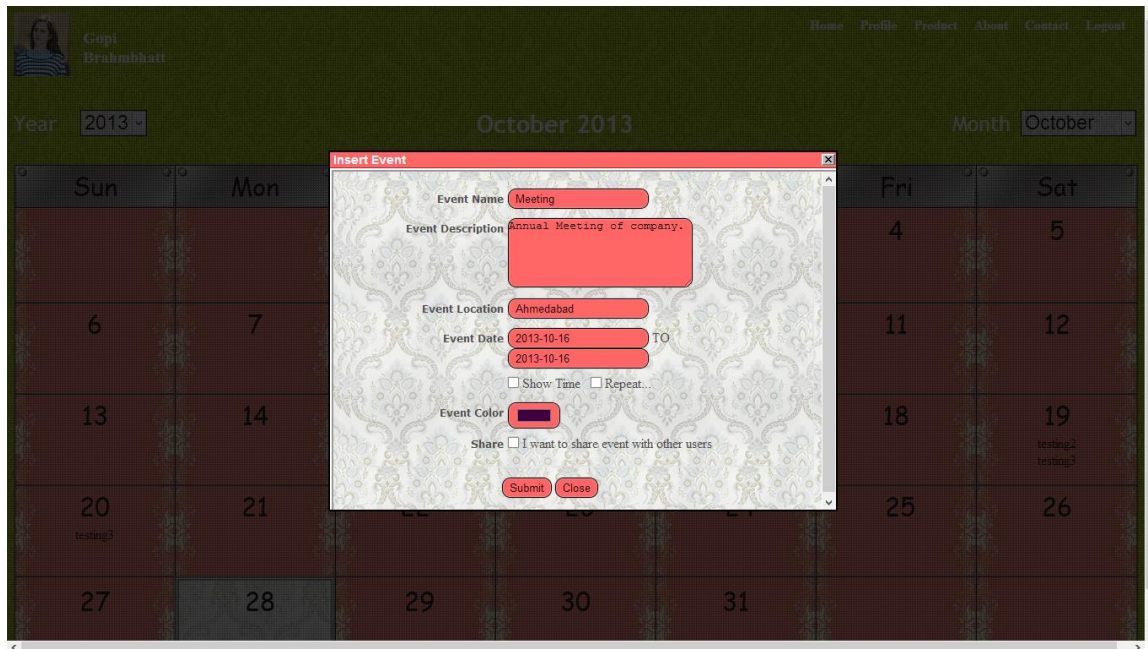


Figure 8.6 Snapshot of Add Event

### 8.7 EDIT PROFILE PAGE:

This page contains every personal details of logged in user. User can edit their all information like first name, last name and all others and also she/he can add their location of region, country and state. Here, no one can edit the username field. It will be directly fetched from the cookies of the system. After clicking Update button all the data will be updated immediately.

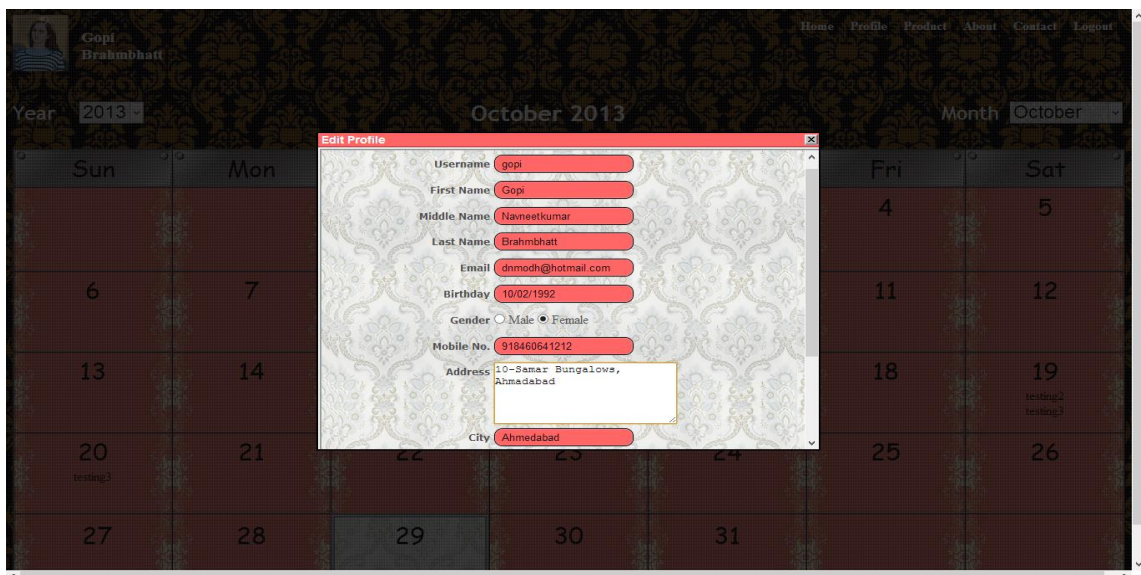


Figure 8.7 Snapshot of Edit Profile



## 8.8 Member Detail:

It is the admin panel page. Only admin can access this page with his/her username and password. Admin can see the details of every user who has been registered with this system. Admin can view all the users in paging view, so he/she has not to scroll up and down. Admin can view, edit or delete any user from this system within same page.



Figure 8.8 Snapshot of Member Detail

## 8.9 Search Member:

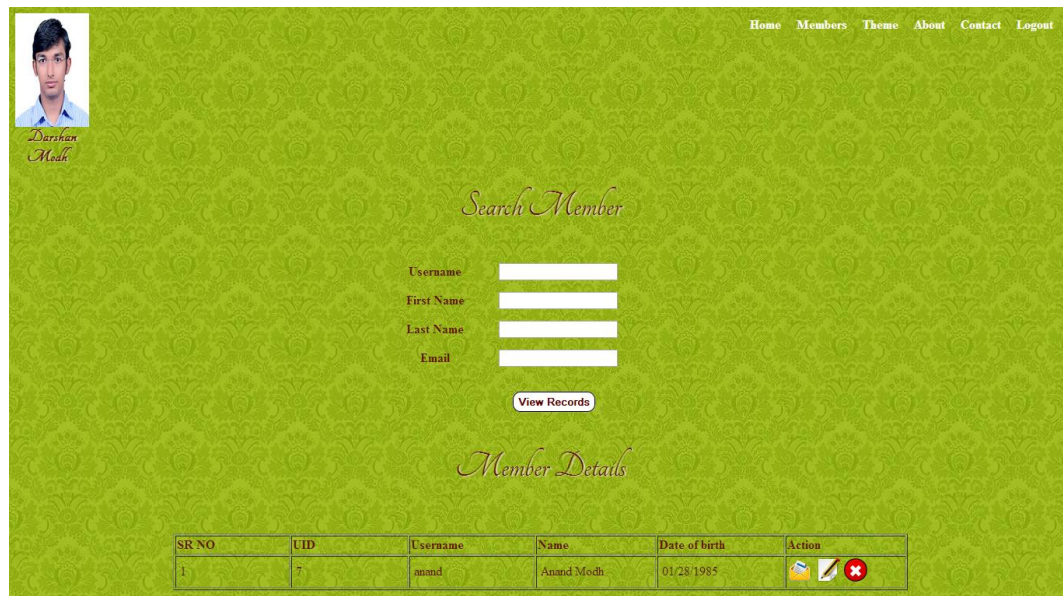
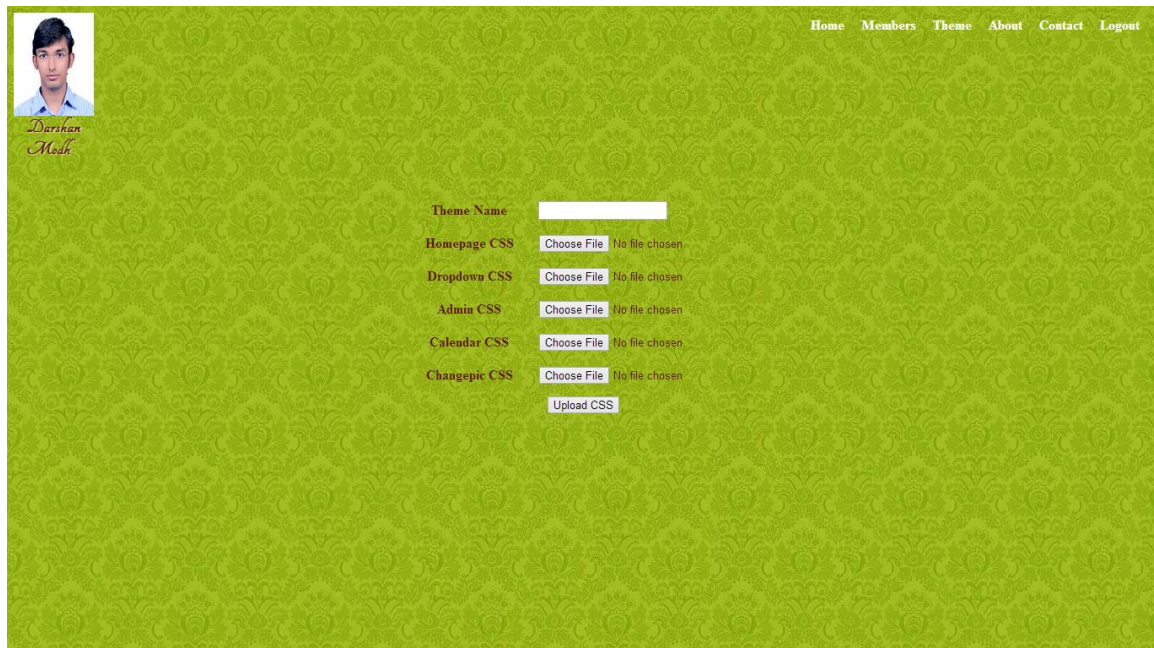


Figure 8.9 Snapshot of Search Member

It is also admin panel page and only accessed through admin username and password. Admin can search any member from system with the help of its username, first name, last name or email address. Admin has to provide complete information to get the data.

### 8.10 Change Theme:

It is also admin panel page. Admin can change the theme from this page. And this change effect on every user's page. User can get new themes from admin choice. Admin can add new themes also. He/she can upload theme files (.css) to system and apply it.

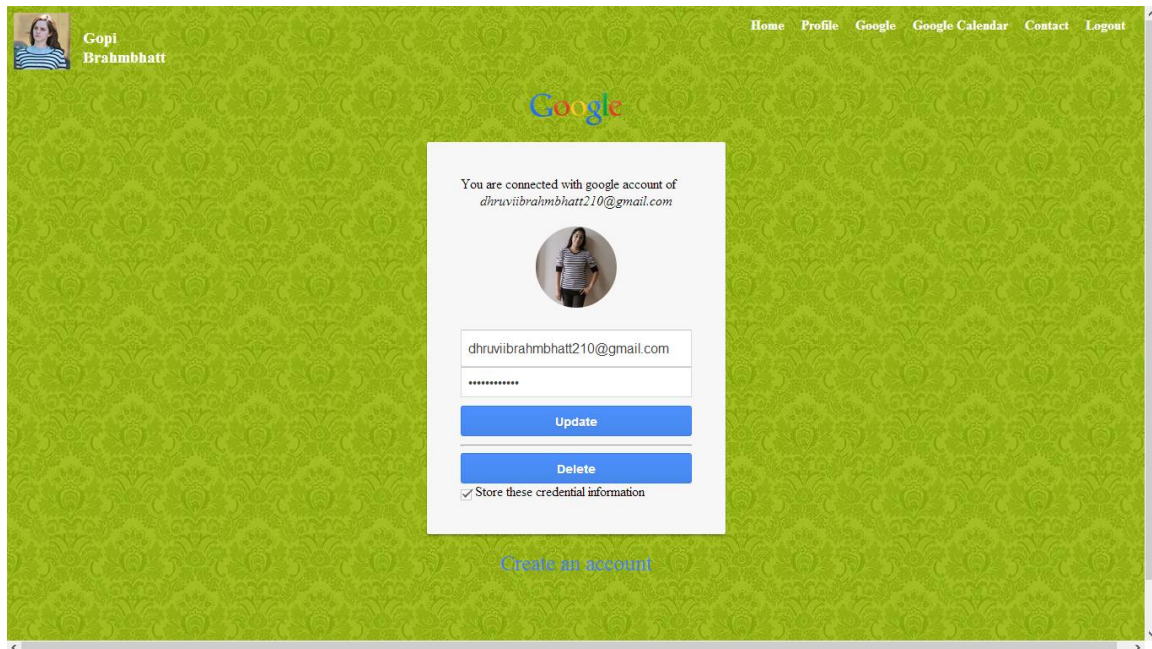


*Figure 8.10 Snapshot of Change Theme*

### 8.11 Google Account

It is user side page, User can link his/her google account to this system by providing google account's username and password. It will redirect the user to the google permission page for accessing some google credential informations. This module requires SSL enabled internet connection to get the data from the google.

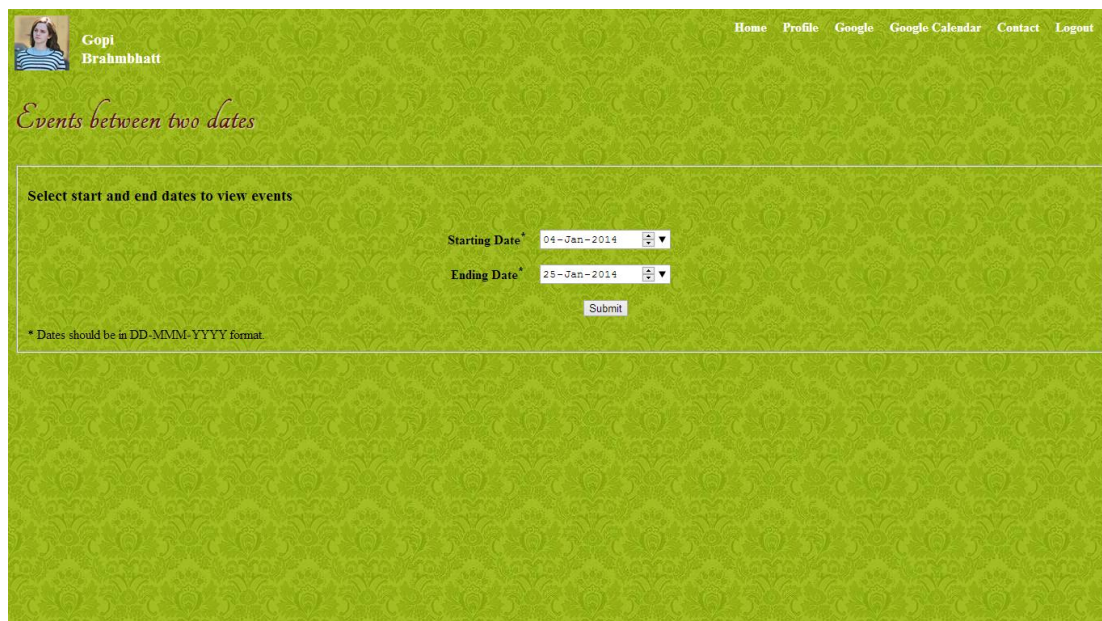




*Figure 8.11 Snapshot of Google Account Information*

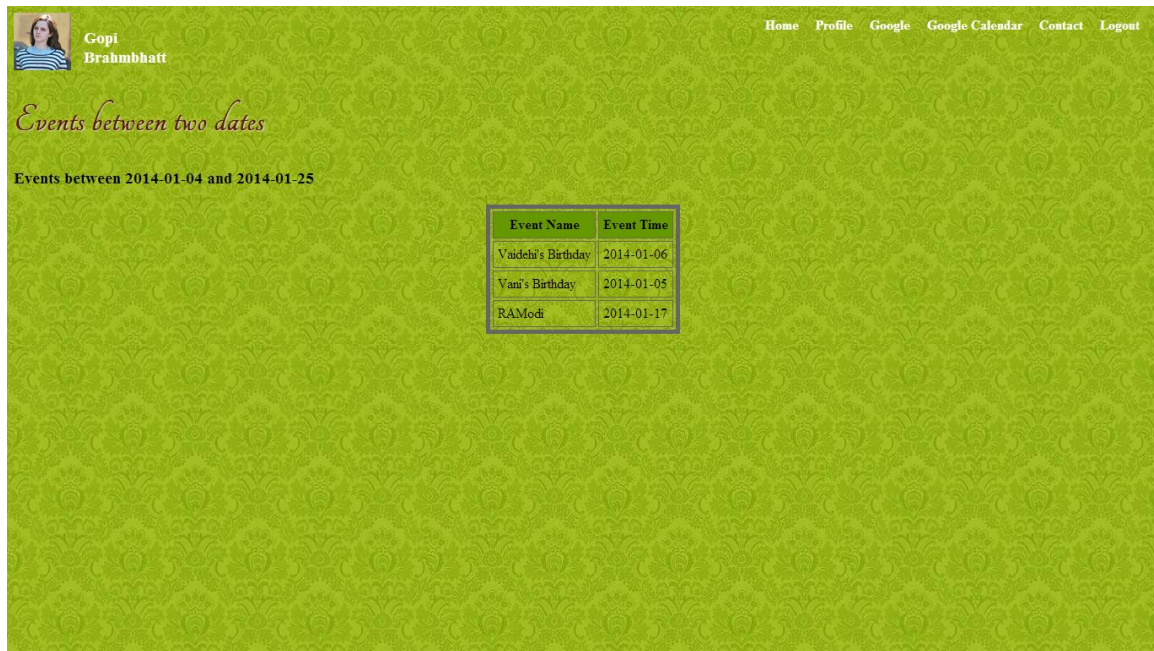
## 8.12 Events Between Range

User can see all the events between specified ranges of two dates from the google calendar. This page retrieve all the events which are between these two dates and show to the user. User must have to follow the format of date to get proper result from the page.



*Figure 8 12 Snapshot of Events between ranges input data*

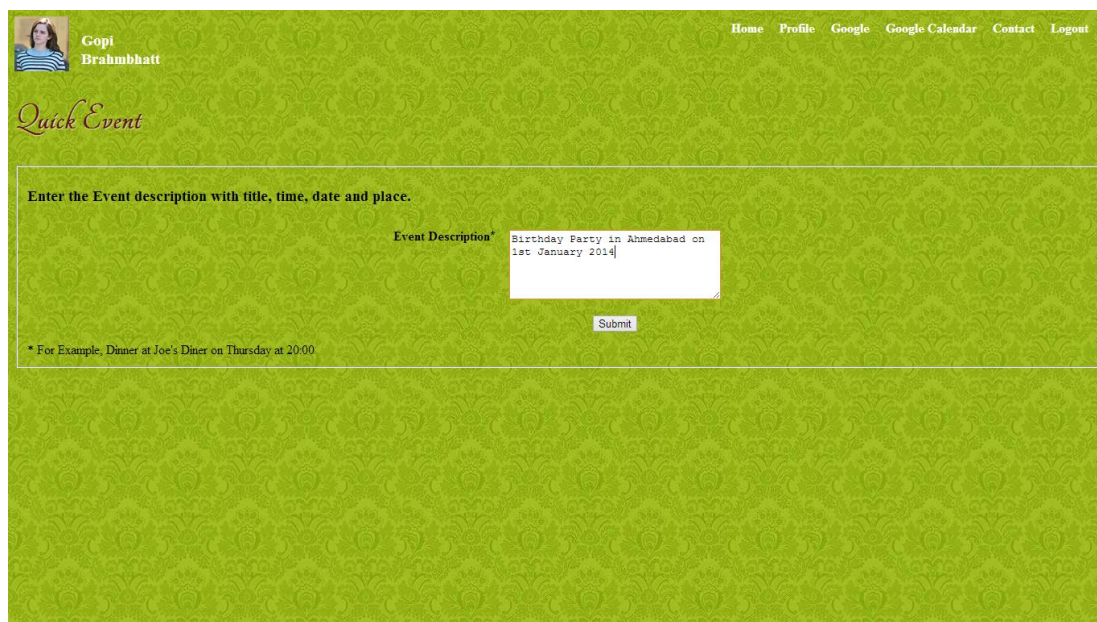




*Figure 8.13 Snapshot of Events between ranges output data*

### 8.13 Quick Event

User can add event into google calendar from this page. User has to provide the information of the event in the single line. This module parse this line and give it to the google calendar. So proper keywords are placed in the google calendar fields and event is inserted.



*Figure 8.14 Snapshot of Quick Event*

*Figure 8.15 Snapshot of Google Calendar*

## **CHAPTER 9 : FUTURE ENHANCEMENT**

## **FUTURE ENHANCEMENT**

- ✓ The first enhancement which is desired is we can implement this system with some social networking system with chatting application. So user can chat with each other.
- ✓ User cannot modify the added event yet. He/she can delete or update the inserted events.
- ✓ We can set one button to send email to user's email address which is notify the user about the event. We can use timestamp to notify the user. When the event occurrence time arrives closer, the system will send email.
- ✓ We cannot see any date differently on calendar which have some event. Add some graphics to display the date differently than other.
- ✓ Google calendar API gives us to synchronize this system with google calendar of that user.

## **CHAPTER 10 : CONCLUSION**

**CONCLUSION :**

Calendar and Event Management System is the autonomous system to see the different dates and days on the web application. It provides facility to store personal events on the particular date with security of unique username and password. This web application is also emerged with Google Calendar. So user gets benefit of Google Calendar from the same web application.

After implementation of such ideas on the machine, we come to know that how the computer programming languages actually works and how the data will be processed from one module to another. We get idea of the security and direct query string operation only after the complete implementation of the module. Then we understand how important to maintain all the module in the one project. In short, this project teaches us a lots of new things about programming and also logical.

## **CHAPTER 11 : BIBLIOGRAPHY**

## BIBLIOGRAPHY

### 11.1 Web Sites :

- <http://www.apphp.com/php-calendar/index.php?page=examples>[www.code.google.co.in](http://www.code.google.co.in)
- <http://stackoverflow.com/questions/12383371/refresh-page-using-php>[www.yuilibary.com](http://www.yuilibary.com)
- <http://stackoverflow.com/questions/18305258/display-message-before-redirect-to-other-page>
- <http://bytes.com/topic/php/answers/6122-how-close-browser-window-php>
- <http://www.apphp.com/php-calendar/index.php?page=examples>
- <https://code.google.com/p/php-calendar/downloads/list>
- <https://cloud.google.com/console#/project/600636044445/apiui/credential>
- <http://framework.zend.com/manual/1.12/en/zend.gdata.calendar.html>

### 11.2 Books :

- W. Jason Gilmore, “**Beginning PHP and MySQL**”, (2012), Apress, Rs. 649
- Luke Welling and Laure Thomson, “**PHP and MySQL Web Development**”. (2005), PEARSON
- Larry Ullman, “**PHP**”, (2009), PEARSON
- Tim Converse and Joyce Park with clark Morgan, “**PHP5 and MySQL**”, (2008), WILAY, Rs. 2300
- Sharanam Shah, “**PHP Project for Beginners**” (2011), X-Team, Rs.600



**CHAPTER 12 : ABOUT TOOLS AND TECHNOLOGY**

## **ABOUT TOOLS AND TECHNOLOGY :**

### **✓ What is PHP?**

- PHP stands for **PHP: Hypertext Preprocessor**
- PHP is a server-side scripting language, like ASP
- PHP scripts are executed on the server
- PHP supports many databases (MySQL, Informix, Oracle, Sybase, Solid, PostgreSQL, Generic ODBC, etc.)
- PHP is an open source software
- PHP is free to download and use

### **✓ What is a PHP File?**

- PHP files can contain text, HTML tags and scripts
- PHP files are returned to the browser as plain HTML
- PHP files have a file extension of ".php", ".php3", or ".phtml"

### **✓ What is MySQL?**

- MySQL is a database server
- MySQL is ideal for both small and large applications
- MySQL supports standard SQL
- MySQL compiles on a number of platforms
- MySQL is free to download and use

### **✓ Why PHP?**

- PHP runs on different platforms (Windows, Linux, Unix, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP is FREE to download from the official PHP resource: [www.php.net](http://www.php.net)
- PHP is easy to learn and runs efficiently on the server side

### **12.1 Front End**

- Apache Server 2.4.4 – WAMP
- PHP 5.4.16
- Google Client API
- Mail API
- Zend Framework
- Adobe Dreamweaver CS6

### **12.2 Back End**

- MySQL 5.6.12-log – MySQL Community Server (GPL)

### **12.3 Technologies**

- PHP
- HTML5
- CSS
- JavaScript
- AJAX
- jQuery