

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,
GHAZIABAD**

A PHP PROJECT REPORT

ON

SOCIAL NETWORK



SUBMITTED TO: -

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BONAFIDE CERTIFICATE

This is to certify that project Report entitled “**Online Bus Reservation System**”, which is submitted by ANURAG KUMAR SINGH (RA1511003030394) in the partial fulfilment of the requirement for the award of degree B.Tech(CSE) of SRM Institute of Science and Technology, NCR Campus, Modinagar, Ghaziabad is a record of the candidate own work carried out by them under my own supervision.

.....

(Signature)

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HOD (CSE)

.....

(Signature)

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ACKNOWLEDGEMENT

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We are also indebted to all the teaching and non-teaching staff members of our college for helping us directly or indirectly by all means throughout the course of our study and project work.

Finally, we take this opportunity to thank our parents, family members and friends for their moral support and help and extended thanks to our well-wishers.

ANURAG KUMAR SINGH
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DECLARATION

I am ANURAG KUMAR SINGH (RA1511003030394) hereby declare that the work which is being presented in the project report "SOCIAL NETWORK "is the record of authentic work carried out by us during the period from Jan '18 to May '18 and submitted by us in partial fulfilment for the award of the degree "Bachelor of Technology in Computer Science and Engineering" to SRM IST, NCR Campus, Ghaziabad (U.P.). This work has not been submitted to any other University or Institute for the award of any Degree/Diploma.

ANURAG KUMAR SINGH

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ABSTRACT

- Social Network is a web application which is implanted in PHP platform.
- In this project, user can easily interact with another user.
- User can do multiple things in this like-
 - Resister to the website
 - Login to the website
 - Update profile picture
 - Upload details through settings
 - Upload image, videos, YouTube links on the wall to share with others
 - Users can like and comment to the posts
 - User can set events
 - User can create different pages
 - User can make friends
 - User can message to another user
- This Responsive Online PHP site is easy to operate and understand by users.
- It is built on powerful open source language PHP and MySQL that allows to manage different operations.
- This software program is built to manage and computerize traditional database.

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CHAPTER 1

INTRODUCTION

Social Network is a web application which is implanted in PHP platform. In this project, user can easily interact with another user. User can do multiple things in this like-Resister to the website, Login to the website, Update profile picture, Upload details through settings, Upload image, videos, YouTube links on the wall to share with others, Users can like and comment to the posts, User can set events, User can create different page, User can make friends, User can message to another user.

This Responsive Online PHP site is easy to operate and understand by users. It is built on powerful open source language PHP and MySQL that allows to manage different operations. This software program is built to manage and computerize traditional database.

LANGUAGES USED:

HTML:

Hypertext Markup Language (HTML) is the standard mark-up language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a web server or from local storage and render them into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document

CSS:

CSS is a language that describes the style of an HTML document. CSS describes how HTML elements should be displayed.

JAVA SCRIPT:

JavaScript often abbreviated as JS, is a high-level, interpreted programming language. It is a language which is also characterized as dynamic, weakly typed, prototype-based and multi-paradigm. Alongside HTML and CSS, JavaScript is one of the three core technologies of World Wide Web content engineering.

PHP:

PHP is a server-side scripting language designed for web development but also used as a general-purpose programming language. Originally created by Rasmus Lerdorf in 1994, the PHP reference implementation is now produced by The PHP Group. PHP originally stood for Personal Home Page, but it now stands for the recursive acronym PHP: Hypertext Preprocessor.

MYSQL :

MySQL is offered under two different editions: the open source MySQL Community Server and the proprietary Enterprise Server. MySQL Enterprise Server is differentiated by a series of proprietary extensions which install as server plugins, but otherwise shares the version numbering system and is built from the same code base.

BRIEFING OF THE FURTHER CHAPTERS:

CHAPTER 2:-It will include the hardware and software requirements of the project and Their detail description.

SOFTWARE REQUIREMENT:

Operating System : Windows

Development tool : PHP : Hypertext Preprocessor, JavaScript

Data Base : MySQL

HARDWARE REQUIREMENT:

Processor : Pentium or Higher.

RAM : 312MB or Higher.

CHAPTER 3: It includes all the diagrams that will be required to build up the project and how the problem of the problems was solved.

CHAPTER 4: design :The code will be written in PHP and will be connected to the database using my SQL . This chapter includes the entire coding and designing part of the project . It will include the snapshots or in more common language the output of the code with the snapshots of the project .

CHAPTER 5: This chapter will be the final result and the conclusion of the entire project that where this project will be useful and how this will work with more efficiency.

CHAPTER 2

LITERATURE SURVEY

2.1 SURVEY DETAILS

Web-based social networks (WBSN) have grown quickly in number and scope since the mid-1990s. They present an interesting challenge to traditional ways of thinking about social networks. First, they are large, living examples of social networks. It has rarely, if ever, been possible to look at an actual network of millions of people without using models to fill in or simulate most of the network. The problem of gathering social information about a large group of people has been a difficult one. With WBSNs, there are many networks with millions of users that need no generated data. These networks are also much more complex with respect to the types of relationships they allow. Information qualifying and quantifying aspects of the social connection between people is common. This means there is a potential for much richer analysis of the network.

As public interest in social networking has grown, the term "social network" has become looser. Many sites promote themselves as social networks when they do not maintain any data that would be useful for a network analysis. This chapter presents a set of criteria for qualifying a system as a WBSN and another set for determining when information can be considered part of a relationship. Those principles guided an exhaustive survey of existing WBSNs followed by a discussion of trends in social network data sharing on the Semantic Web.

2.2 SURVEY CONCLUSION

Technology has made significant progress over the years to provide consumers a better platform to interact with each other. People need platform where they can share different things with their friends and family. Social Network is a platform where users interact with each other. On this platform people make friends and can talk with them even they have big distances between them.

They can share their feelings without taking any thought about security. Social networking is a tool that can both help and harm. Whether it is used for business, school, research, or for relationship building, social networks offer many new and exciting opportunities. However, the unsuspecting user can quickly be led down a potentially dangerous path. I give social networking neither the green light nor the red light but rather the yellow light: proceed with caution.

2.3 FUTURE SCOPE

This is the age of contacts for interaction between people to people through social platforms in the web. The tremendous popularity of using the social media networking could never have been realized before. In fact, social media have become an important tool of marketing in true sense of customer orientation. The scope of social networking is widening, and today it offers a strong support to the companies in providing the much desired touch of concern. Future of social media networking brings exciting promises as expected from the experience of limited users from a few companies in the top bracket. The bright future prospect of social networking is also proven with the fact that the technology is integrated in the mobile phones as well. Look at the devices designed with powers of interpersonal communication on a globalized outlook.

CHAPTER 3

METHODOLOGY

3.1 INTENDED AUDIENCE:

The main step in this strategy is to define your “general audience”. Is your product more suitable for consumers, or businesses, or both? For example, just think that, what things you are showing to the post to others. How sponsors can interact and what will be their impact on the post and what are their limitation. How people can report about other users. This will help us while we are preparing our [Marketing Strategies](#). Now you can start to [categorize your products](#) for the types of businesses or people.

3.2 PROBLEM IDENTIFICATION

This research was undertaken to focus on the various challenges the developer have to handle for the user. When the number of user increases the amount of data also increases by folds. To maintain data and its velocity of providing data to the user have to maintain. Privacy is most important to the user hence it should depend upon user to whom he wants to share data with. Sometime user forgot to logout from the system and the profile is used by another people.

3.3 PROPOSED SOLUTION

Data can be handle using big data. It is use for handling large amount of data. If a user forget to logout from the system then it will be automatically logout because of session out due o long time

no response this way no one can use this situation. Data is encrypted before saving to yhe database.

This way we can protect privacy and security.

3.4 HARDWARE REQUIREMENT

.Web application server –

3 GHz processor,

4GB RAM,

30GB disk

• Database server –

3 GHz processor,

4GB RAM,

100 GB RAID 4 disk

• File-server –

2 GHz processor,

512 MB RAM,

RAID 5 storage with appropriate disk space

- **Application cluster –**

Application-dependent sizing

3.5: SOFTWARE REQUIREMENTS:

XAMPP Server: x-os(cross operating system) Apache Mysql PHP Perl.

Server:

Software specification for Server and Central Server are same.

Operating System: WINDOWS XP, Linux OS

Packages: § Apache

DBMS: § MySQL

CLIENT:

Operating system: Windows XP Professional

Packages: Internet connection. Web Browser(Internet Explorer, Mozilla, Safari etc)

CHAPTER 4

RESULT

DESIGN OF THE CODE MADE BY THE END OF THIS PROJECT:

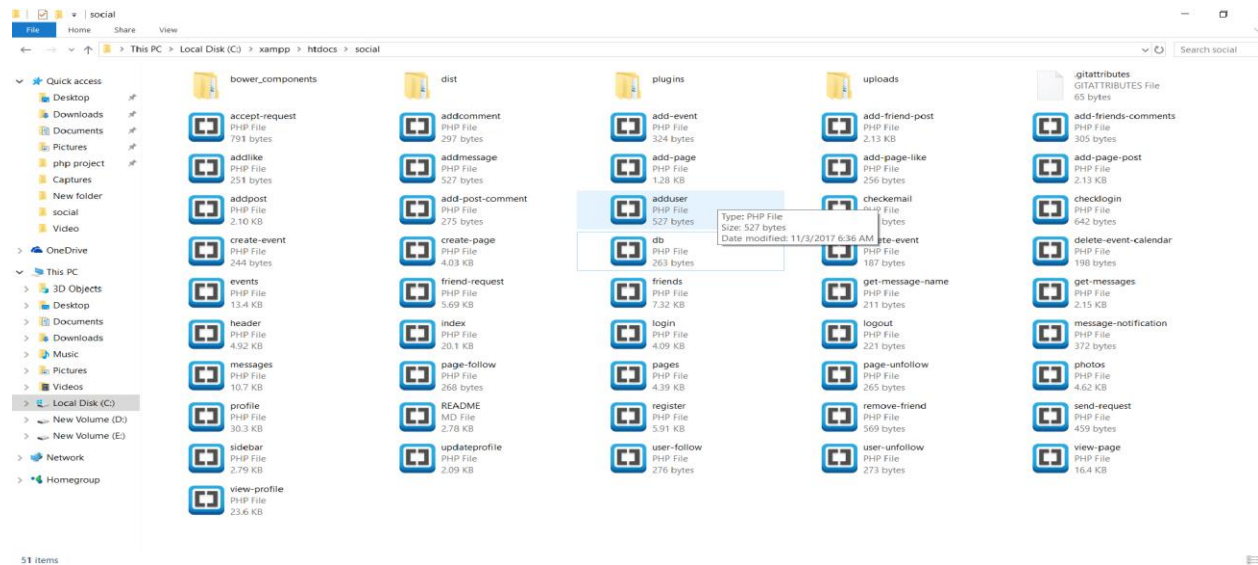


Fig1: Number of pages

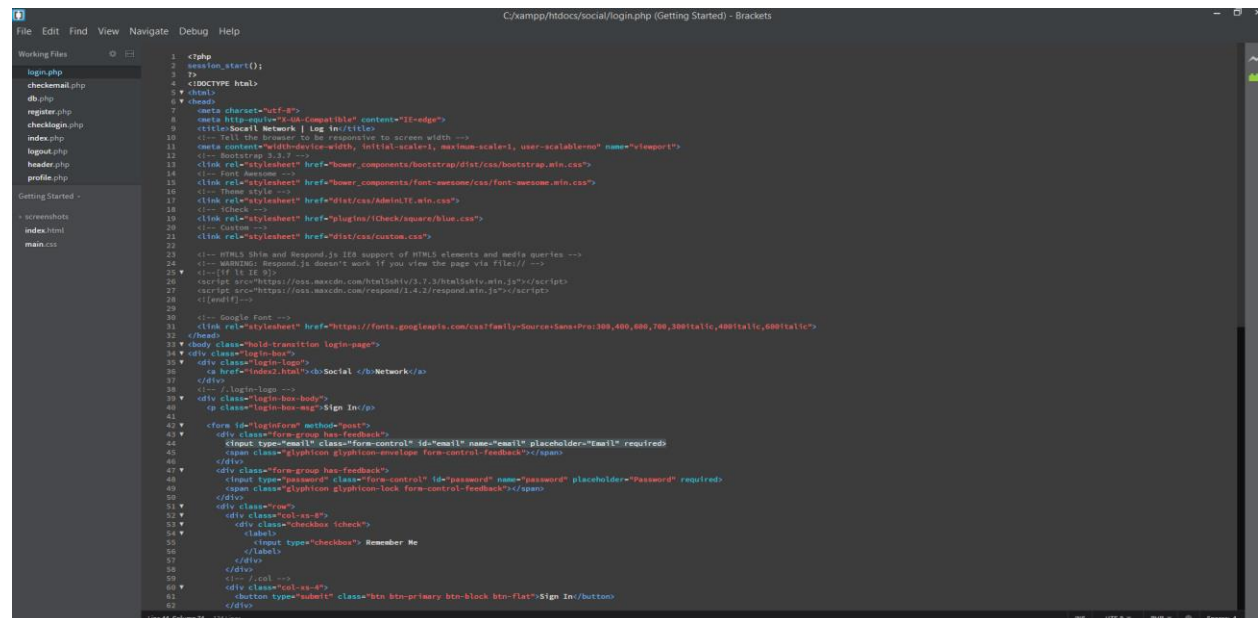


Fig2:Login.php

```
C:\xampp\htdocs\social\login.php (Getting Started) - Brackets
File Edit Find View Navigate Debug Help
Working Files
login.php
checkemail.php
db.php
register.php
checklogin.php
index.php
logout.php
header.php
profile.php
Getting Started -
> screenshots
index.html
main.css
83 <!-- /.col -->
84 </div>
85 <div class="row">
86 <div class="col-xs-12">
87 <span id="loginError" class="color-red hide-me">Invalid Email/Password</span>
88 </div>
89 </div>
90 <div class="row">
91 <div class="col-xs-12">
92 <php if(isset($_SESSION['registeredSuccessfully'])) { ?>
93 <span id="registeredSuccessfully" class="color-green">You Have Registered Successfully</span>
94 <php unset($_SESSION['registeredSuccessfully']); } ?>
95 </div>
96 </div>
97 <!-- /.social-auth-links -->
98 <div class="row">
99 <div class="col-xs-12">
100 <a href="#">I forgot my password</a>
101 <a href="register.php" class="float-right">Create an account</a>
102 </div>
103 </div>
104 <!-- /.login-box-body -->
105 </div>
106 <!-- /.login-box -->
107 </div>
108 <!-- jQuery 2 -->
109 <script src="bower_components/jquery/dist/jquery.min.js"></script>
110 <!-- Bootstrap 3.3.7 -->
111 <script src="bower_components/bootstrap/dist/js/bootstrap.min.js"></script>
112 <!-- iCheck -->
113 <script src="plugins/iCheck/icheck.min.js"></script>
114 <script>
115 $(function () {
116 $(input).iCheck({
117 checkboxClass: 'icheckbox_square-blue',
118 radioClass: 'iradio_square-blue',
119 increaseArea: '20%' // optional
120 });
121 });
122 </script>
123 <!-- Custom -->
124 <script>
125 $(function() {
126 $( "#registeredSuccessfully" ).hide().fadeIn(8000);
127 });
128 </script>
129 <script>
130 $( "#loginError" ).on("submit", function(e) {
131 e.preventDefault();
132 $.post("checklogin.php", $(this).serialize()).done(function(data) {
133 var result = $.trim(data);
134 if(result == "ok") {
135 window.location.href = "index.php";
136 } else {
137 $("#loginError").show();
138 }
139 });
140 });
141 </script>
142 </body>
143 </html>
144
```

Fig: login.php

4.2 SNAPSHOTS

The screenshot displays the phpMyAdmin web interface in a browser window. The address bar shows the URL: `localhost/phpmyadmin/db_structure.php?server=1&db=socialnetwork&token=7ef66d279542be9c3f43fbebdbc68ae8`. The interface is for the 'socialnetwork' database. On the left, a sidebar shows the database structure tree with 'socialnetwork' selected. The main panel shows a table listing 17 tables in the database. Each table entry includes a star icon, the table name, a 'Browse' button, and icons for 'Structure', 'Search', 'Insert', 'Empty', and 'Drop'. The table details include the engine (InnoDB), character set (latin1_swedish_ci), and size (16 KiB). At the bottom, there are buttons for 'Check all', 'With selected:', 'Print', 'Data dictionary', 'Create table', and 'Console'.

Table	Action	Rows	Type	Collation	Size	Overhead
comments	Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16 KiB	-
events	Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16 KiB	-
event_calendar	Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16 KiB	-
friendrequest	Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16 KiB	-
friends	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
friends_comments	Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16 KiB	-
friend_posts	Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16 KiB	-
likes	Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16 KiB	-
messages	Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16 KiB	-
pages	Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16 KiB	-
page_comments	Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16 KiB	-
page_followers	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
page_likes	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
page_posts	Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16 KiB	-
post	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16 KiB	-
users	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16 KiB	-
user_followers	Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16 KiB	-
17 tables	Sum	36	InnoDB	latin1_swedish_ci	272 KiB	0 B

Fig: Database

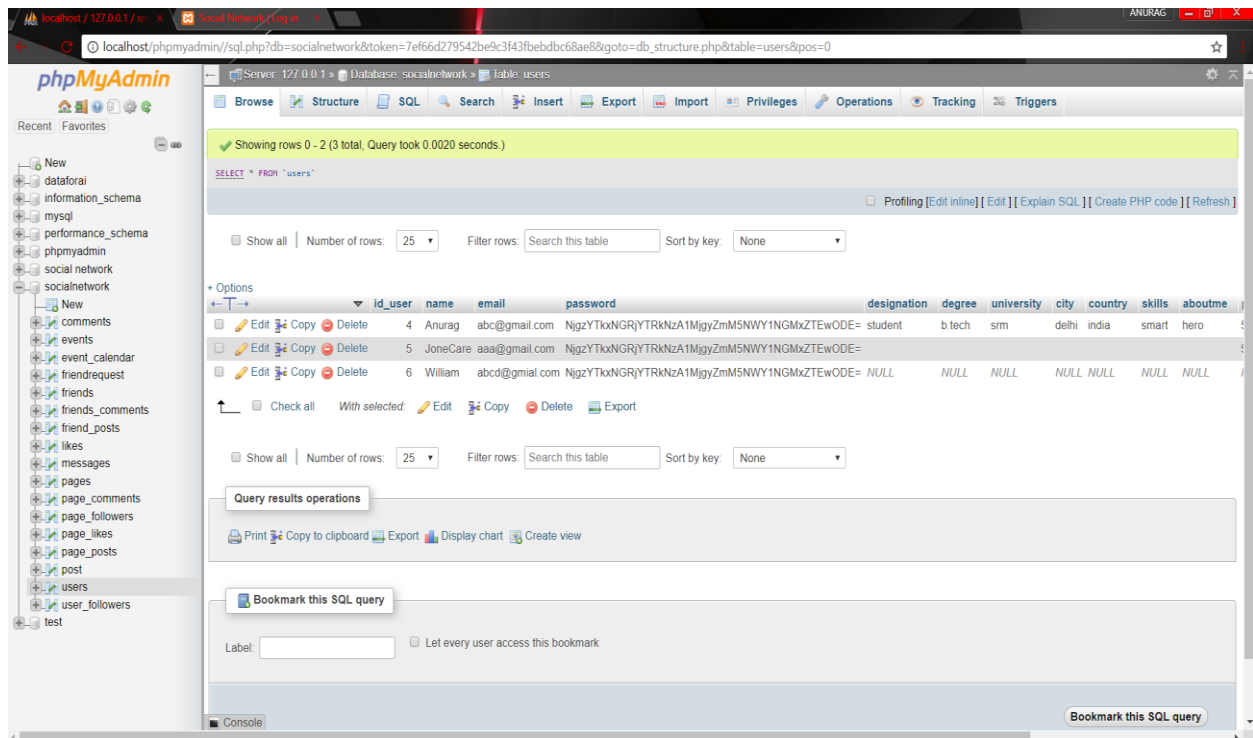


Fig: user database

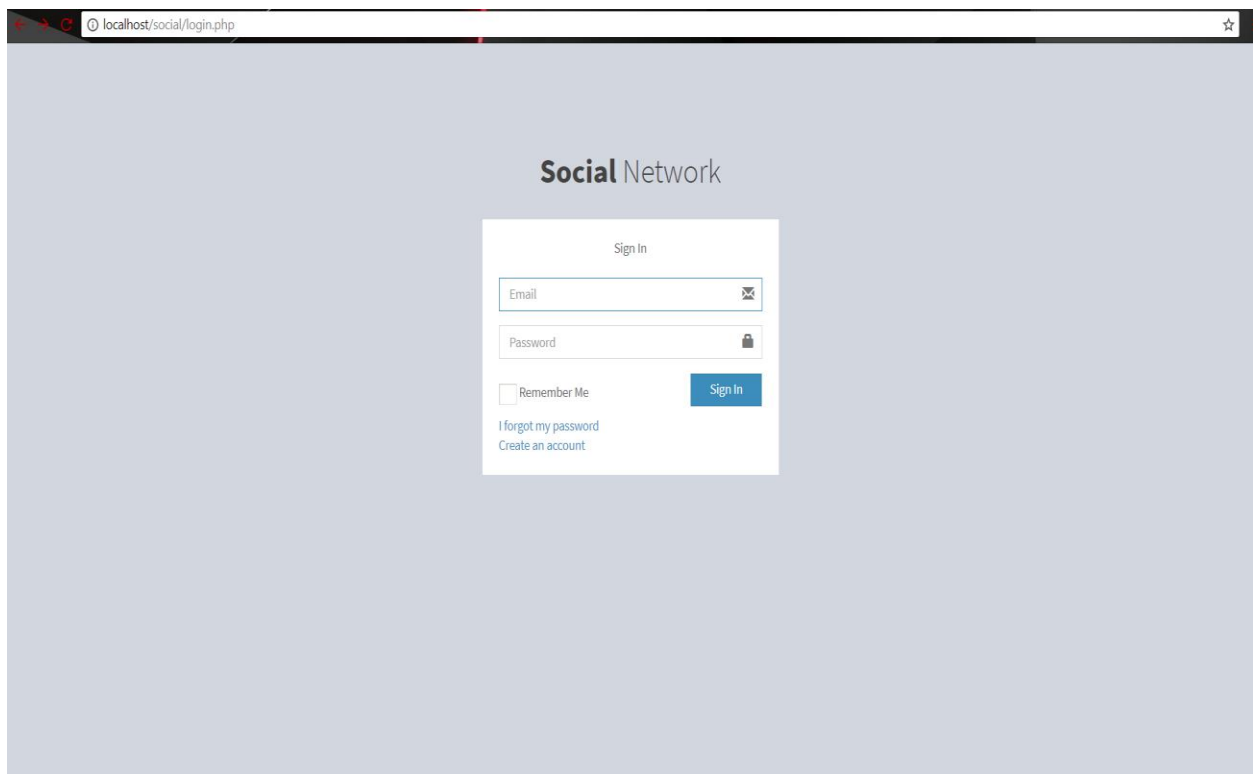


Fig : login page

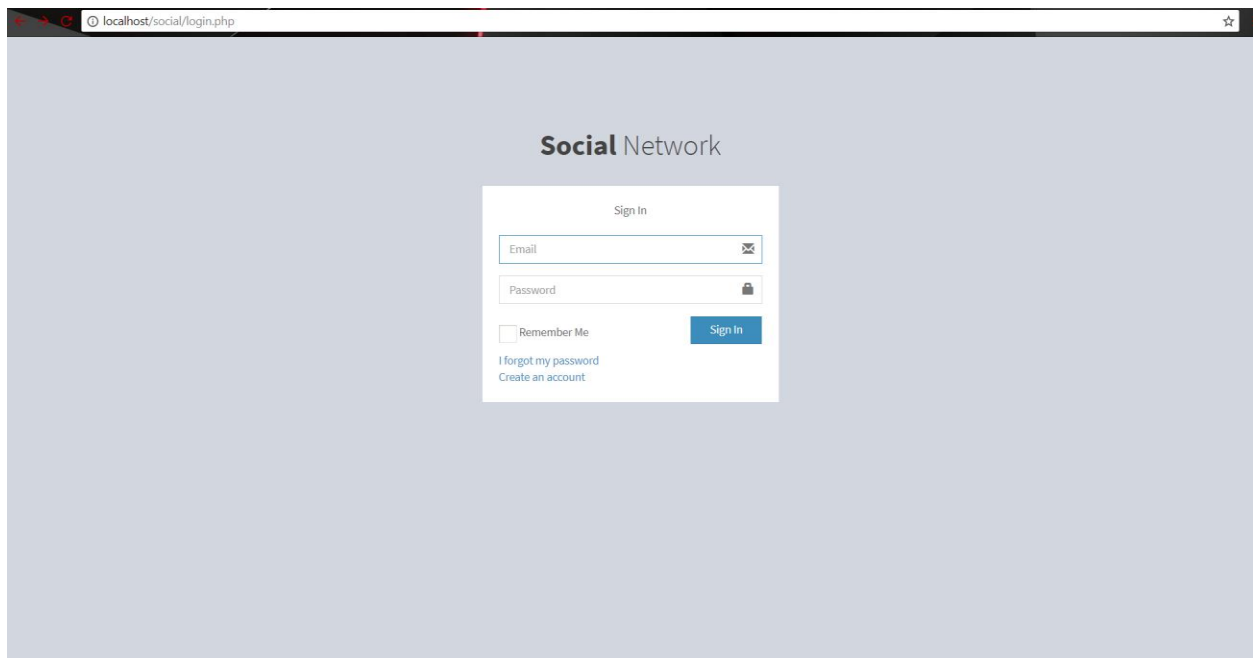


fig: Registration page

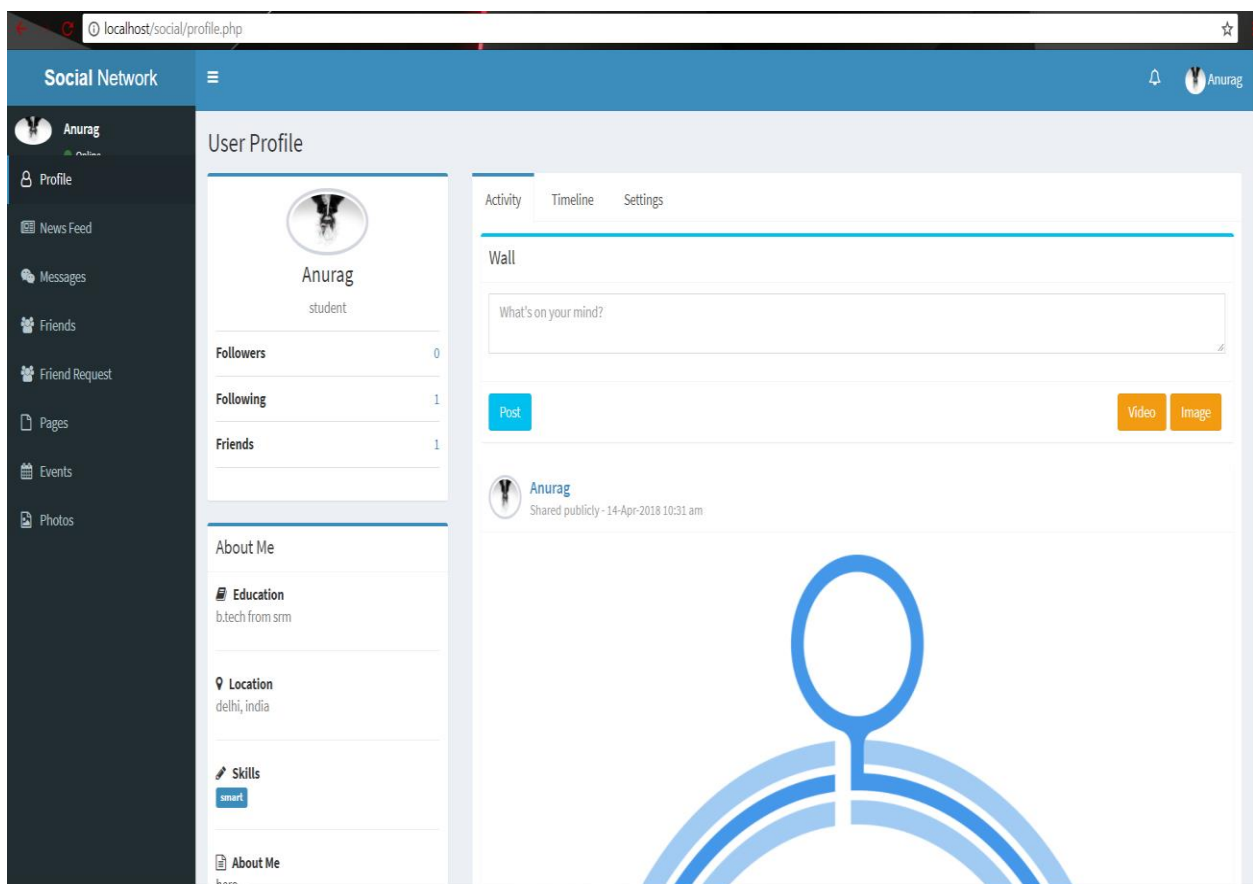


Fig: Profile page

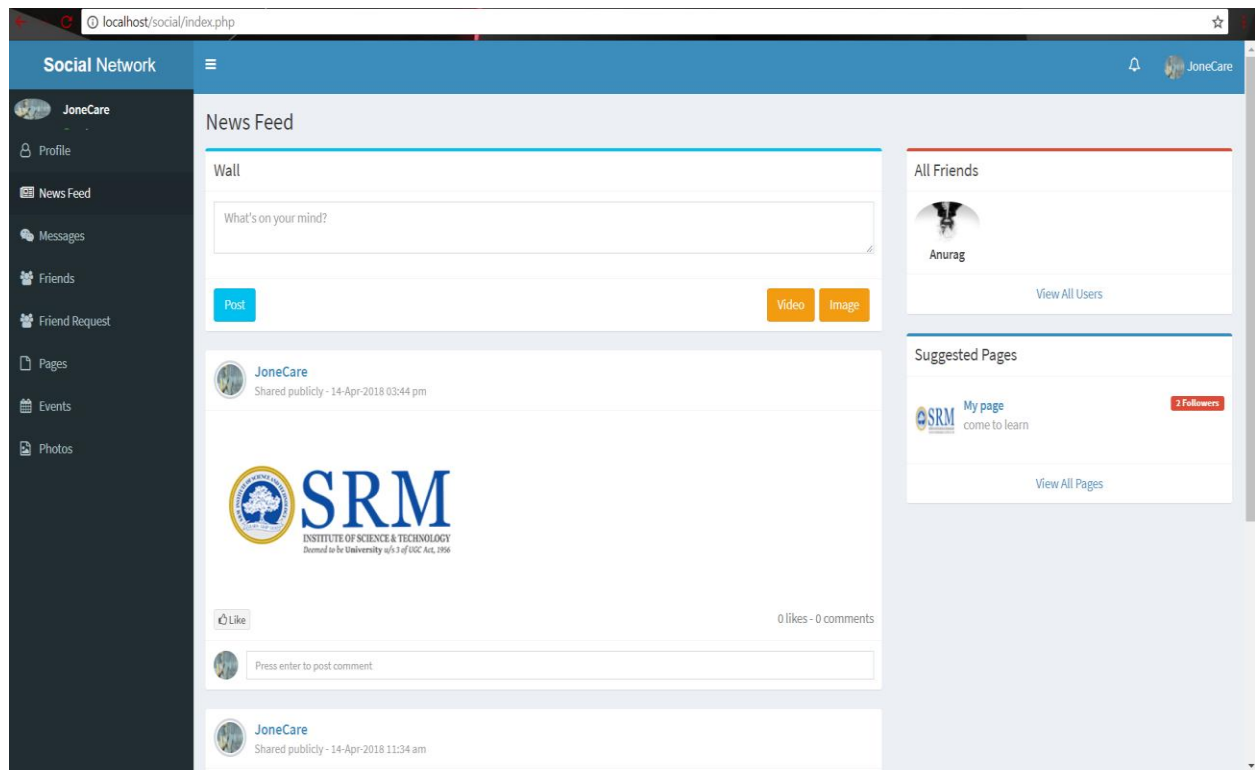


Fig: News Feed

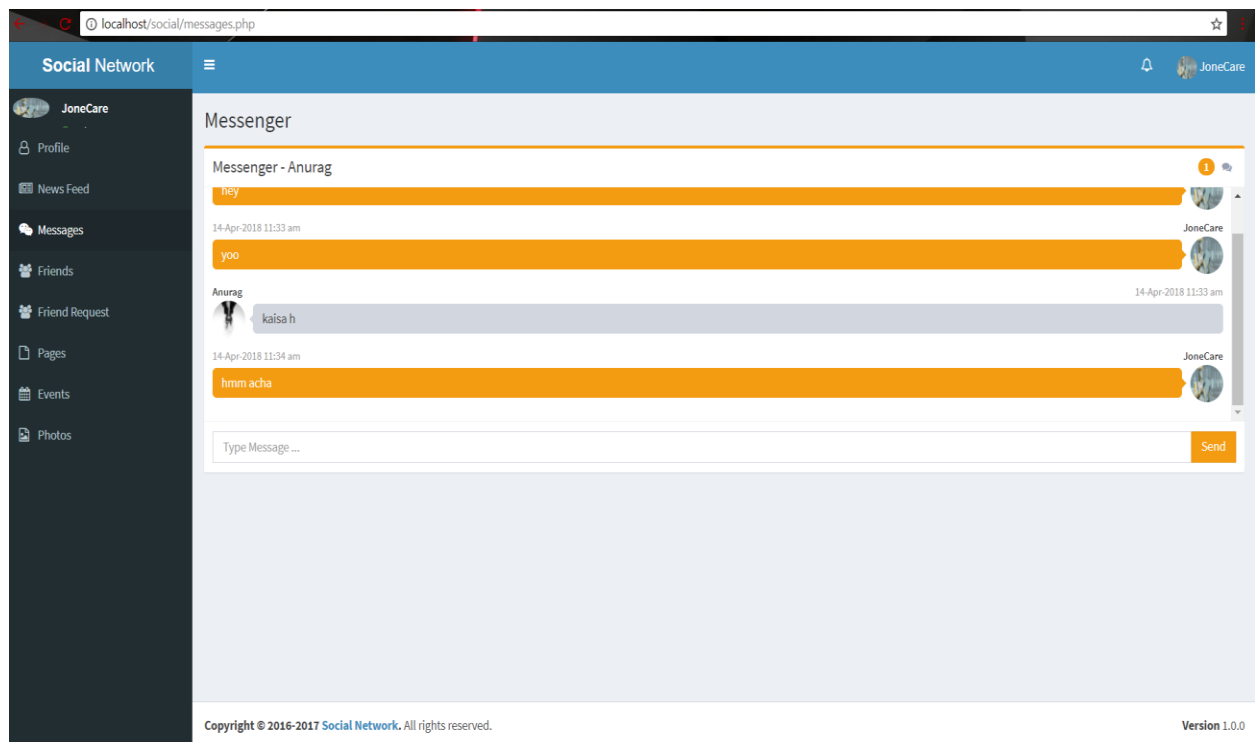


Fig: Message

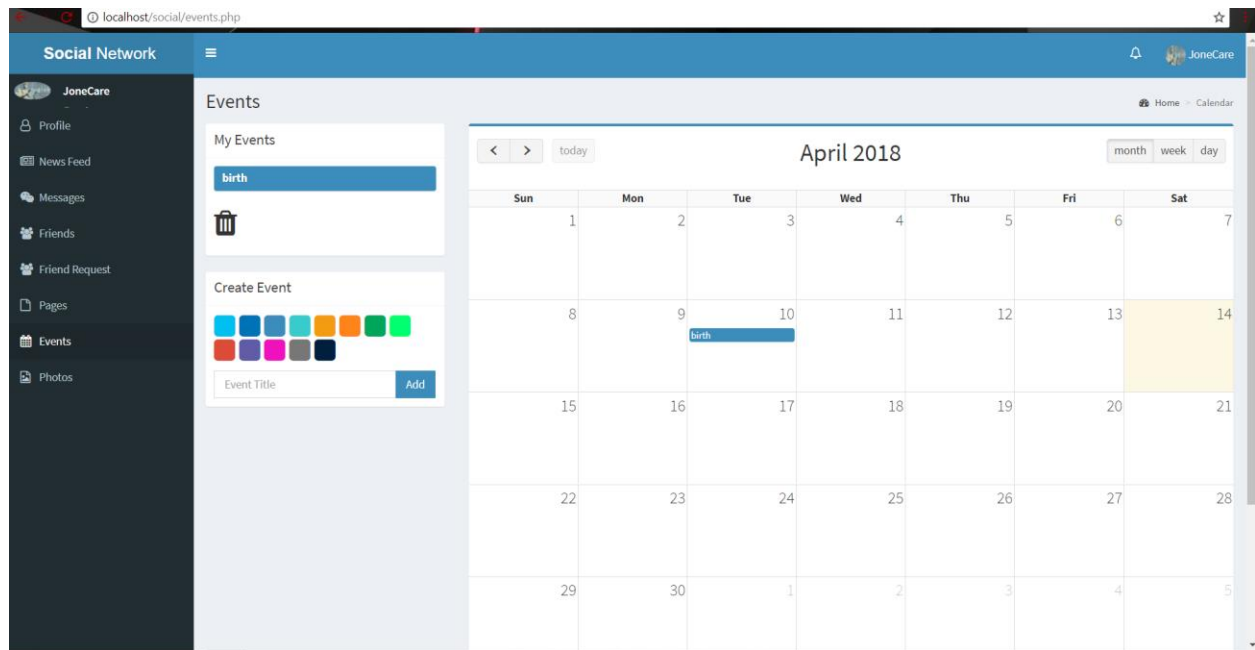
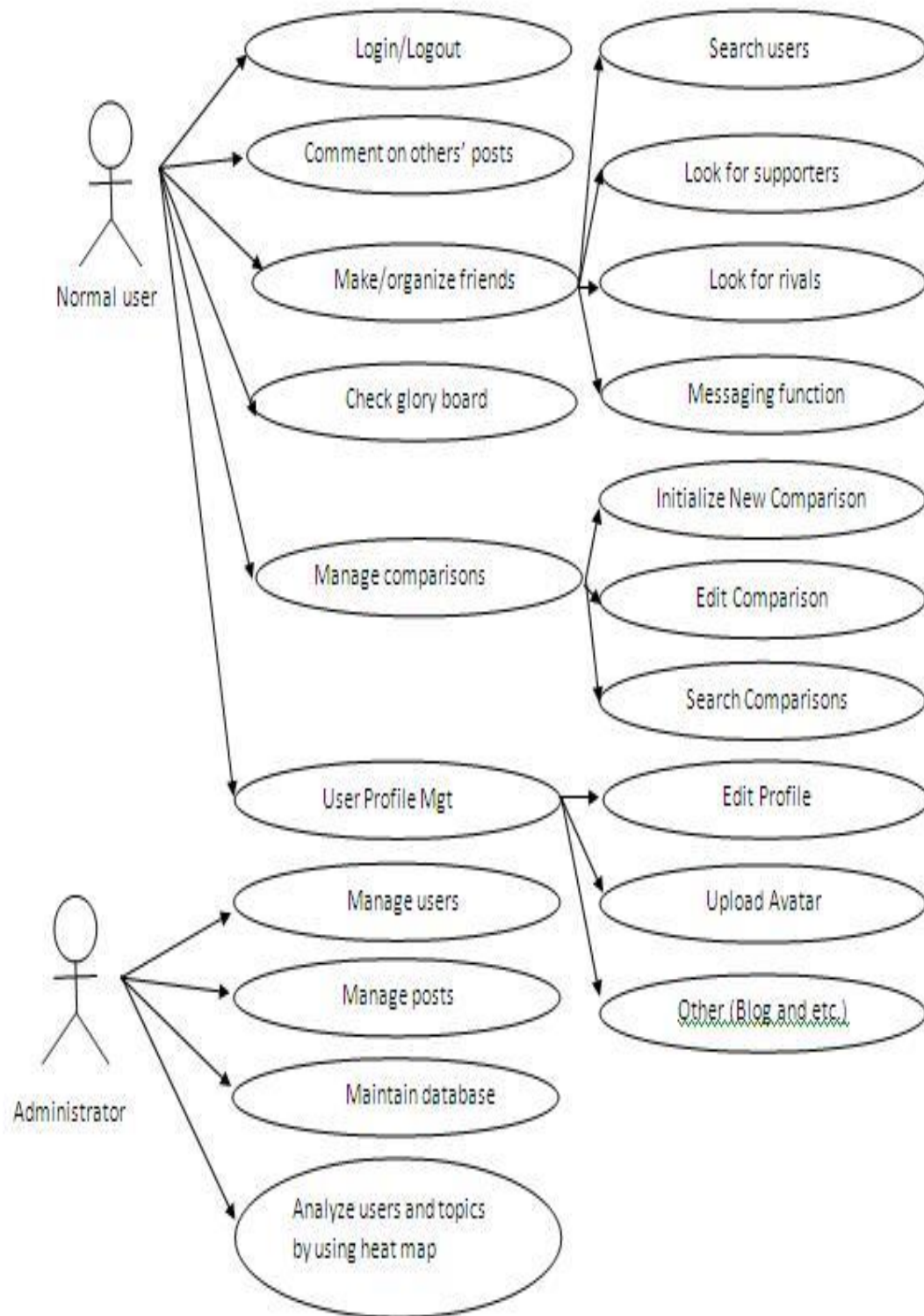


Fig: Event page

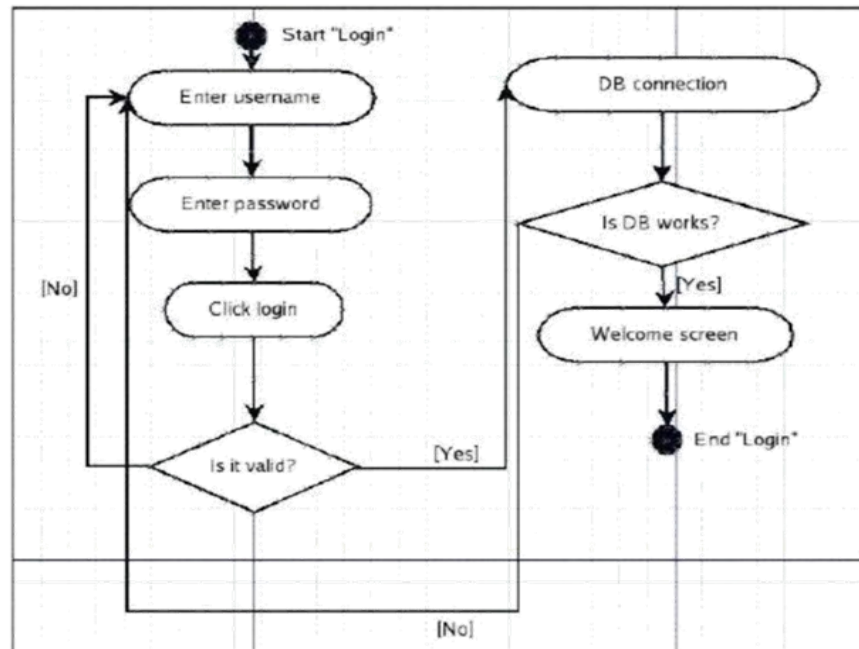


Fig: photo page

4.3 USE-CASE DIAGRAM



STATE DIAGRAM



CHATPTER 3

CONCLUSION

Technology has made significant progress over the years to provide consumers a better platform to interact with each other. People need platform where they can share different things with their friends and family. Social Network is a platform where users interact with each other. On this platform people make friends and can talk with them even they have big distances between them.

They can share their feelings without taking any thought about security. Social networking is a tool that can both help and harm. Whether it is used for business, school, research, or for relationship building, social networks offer many new and exciting opportunities. However, the unsuspecting user can quickly be led down a potentially dangerous path. I give social networking neither the green light nor the red light but rather the yellow light: proceed with caution.

REFERENCES

1. Book Referencing:

PHP: A Beginner's Guide to Programming Interactive Web Applications with PHP
by Alan Forbes

MYSQL: Learning PHP, MySQL & JavaScript by Robin Nixon

2. REFERENCE FROM WEBSITES: php.net/manual/en/tutorial.php

3. REFERENCE FOR THE PROJECT: <http://nevonprojects.com/php-projects-topics-ideas/>