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Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

School of Information Technology and Engineering

J-Component, November 2019

B.Tech, Fall-2019-2020

TITLE	SOCIAL MEDIA WEBSITE
NAME	PRIYAL BHARDWAJ
REG. NO.	18BIT0272
COURSE CODE	ITE1008
COURSE NAME	OPEN SOURCE PROGRAMMING
SLOT	C1+TC1
FACULTY	Prof. SUMANGALI K.

CONTENTS

PROBLEM STATEMENT

This project aims at depicting a social media website. Each user will have unique login credentials after they sign-up. After logging in they can search if any of their family, friends or colleagues are also on the website and send them a friend request as well. Users will also be presented with option of accepting or rejecting someone's friend request. Users can update their status which will be visible to all their followers. This system also enables users to send messages back and forth to their friends. Users can view their profile which will be visible only to them since it contains their login credentials as well. To be concise, this system makes it easier for users to connect with their friends and family and be updated of the daily happenings in their life.

REQUIREMENT SPECIFICATIONS

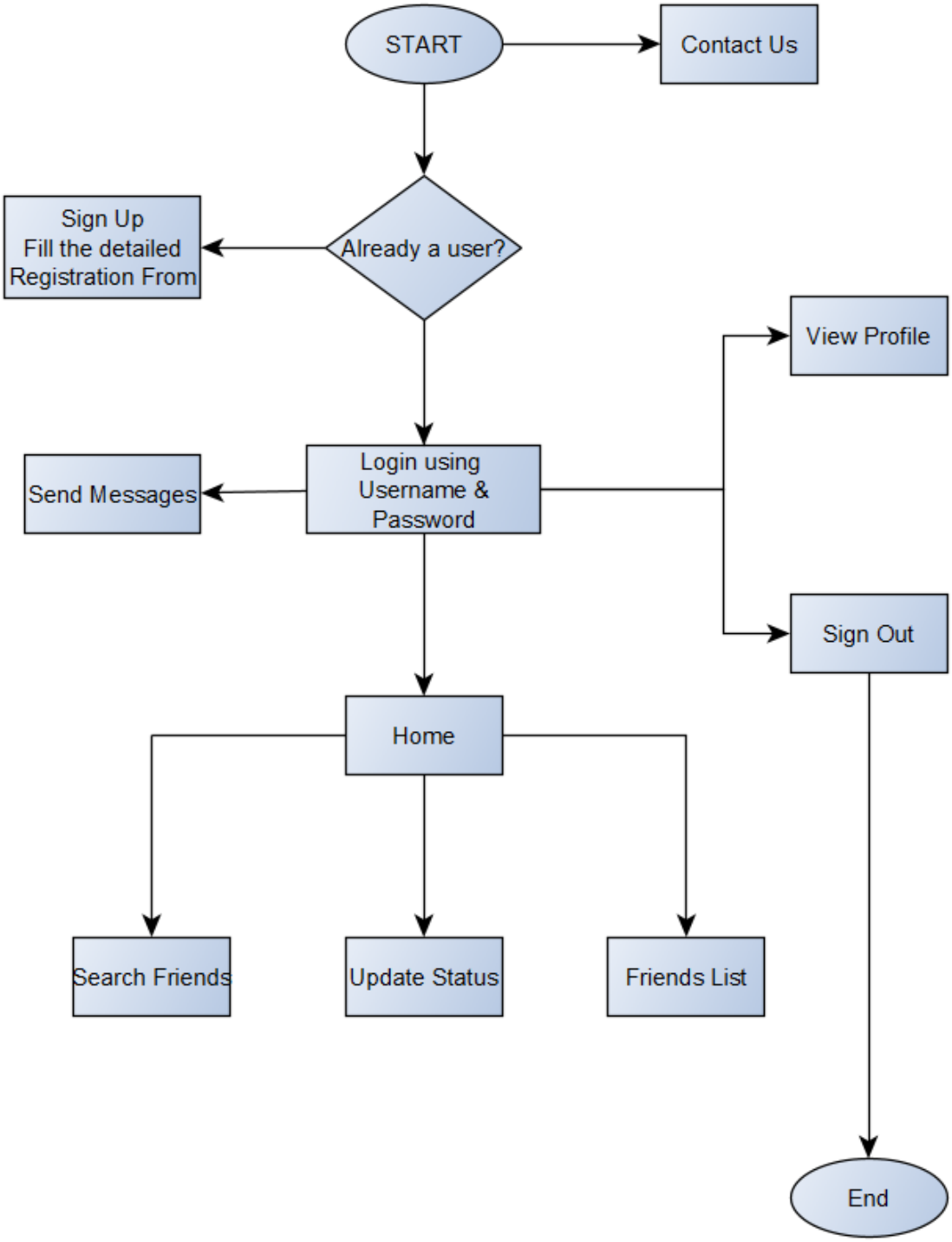
1) Server

I have used WAMP server to run apache server on the local machine to run PHP code. It is basically local host. It is open source free software. It is the local server which provides suitable environment for testing MYSQL AND PHP on local computer before uploading it on the web.

2) Database

Database connectivity is provided through MySQL queries and phpmyadmin is used to access the database.

ARCHITECTURE



DETAILED DESIGN

1) **Home page:** Gives the user option to Login/Sign up. It also contains links to Contact Us links.

2) **Login:** Allows user to login to their account, the customer s then directly lands on his/her profile.

3) **Sign up:** Allows the user to Sign Up and get registered to the social media site.

4) **Contact Us:** The users can mail their queries using mail-id given.

5) **Friends:** Allows user to look for people they may know on the website.

6) **Friends List:** Allows users to see basic info about their "friends" like email-id, gender etc.

7) **Status Update:** Allows users to update their status which will be visible to the people in their friends list.

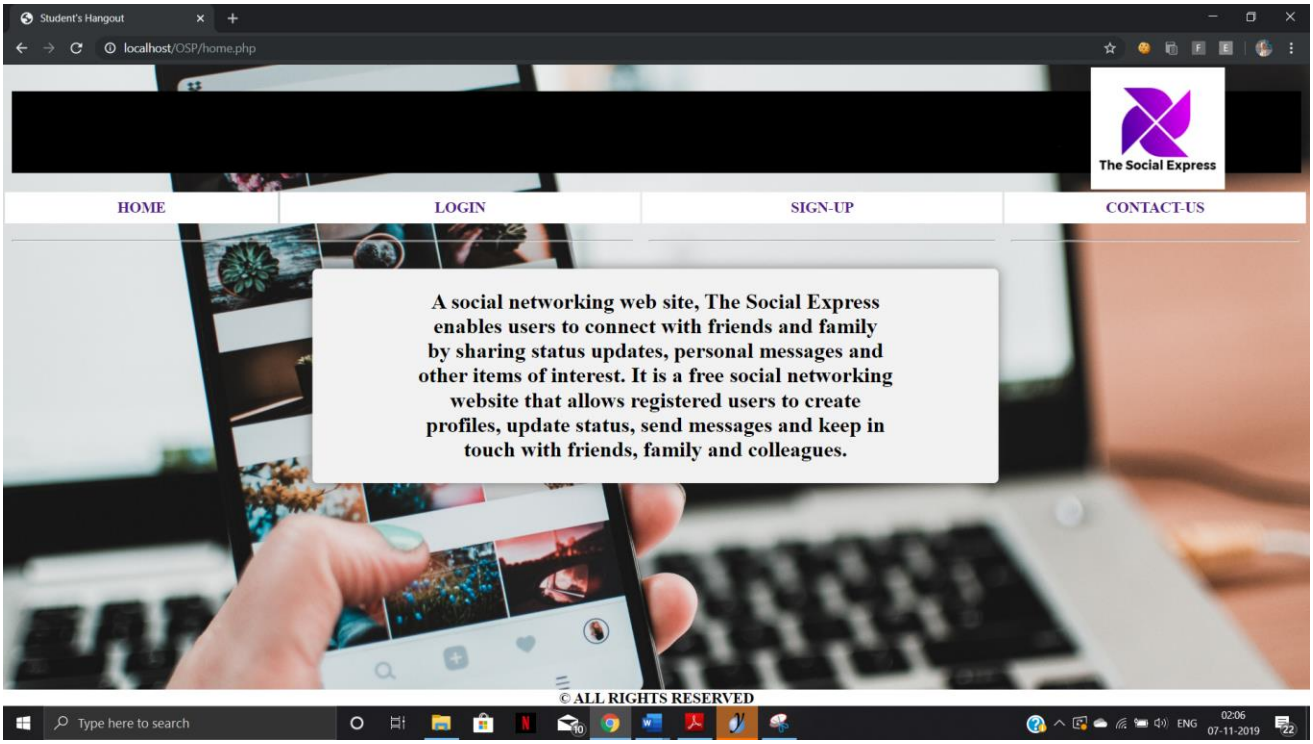
8) **Send Message:** Allows User to send messages to the people in their friends list.

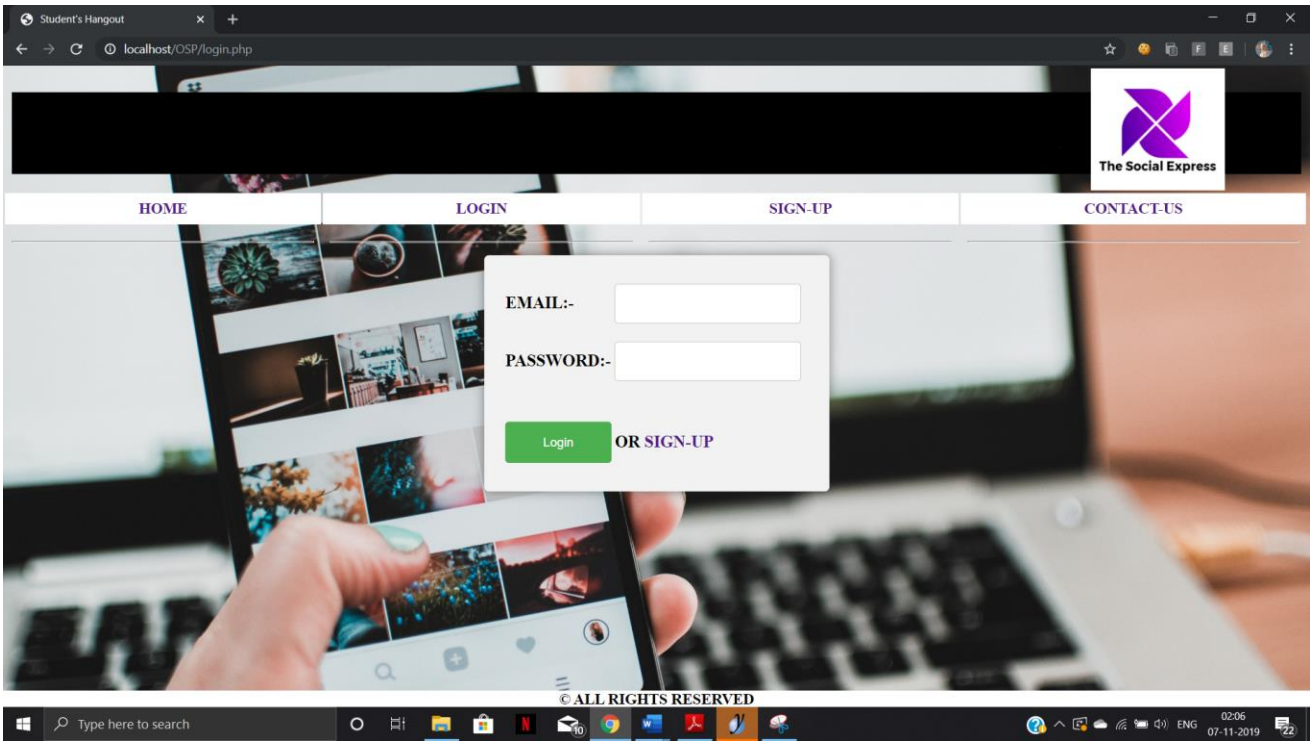
9) **View Profile:** Contains user's login info and the information provided at the time of sign up.

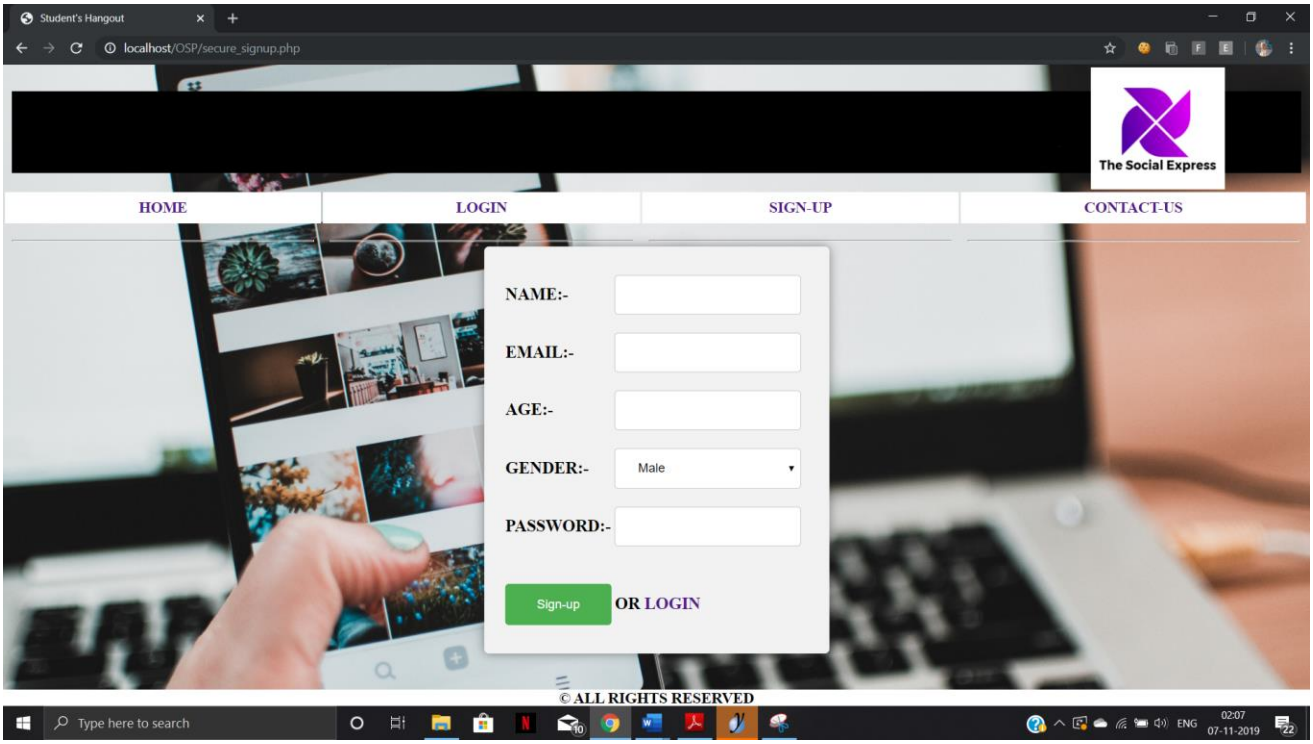
10) **Sign Out:** Allows users to exit their profile.

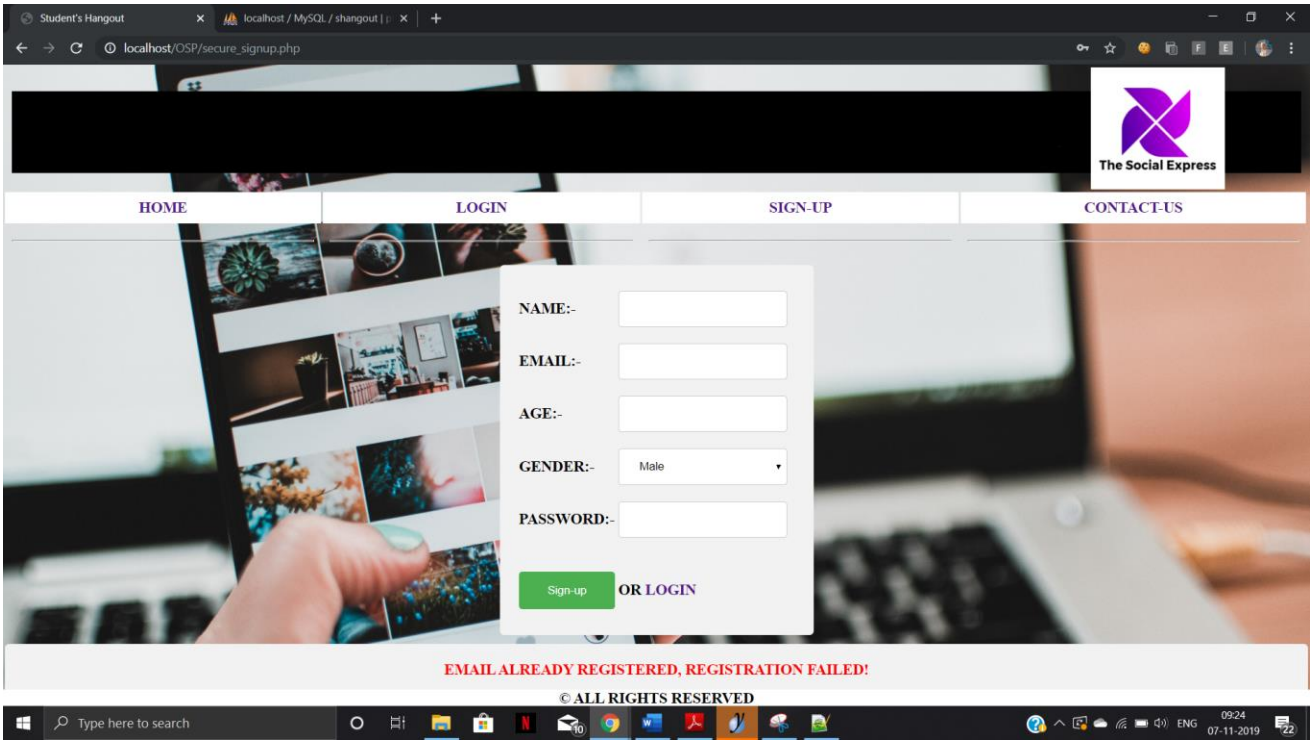
SNAPSHOTS:

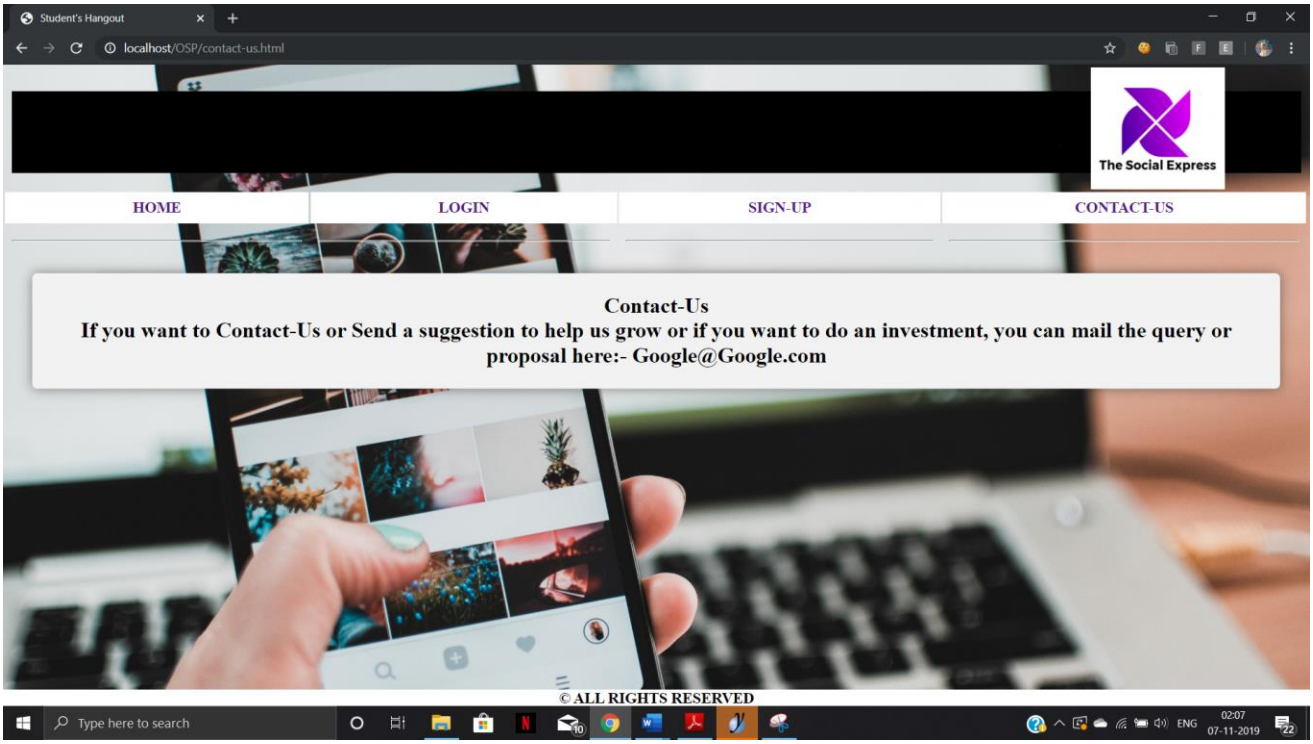
Home:

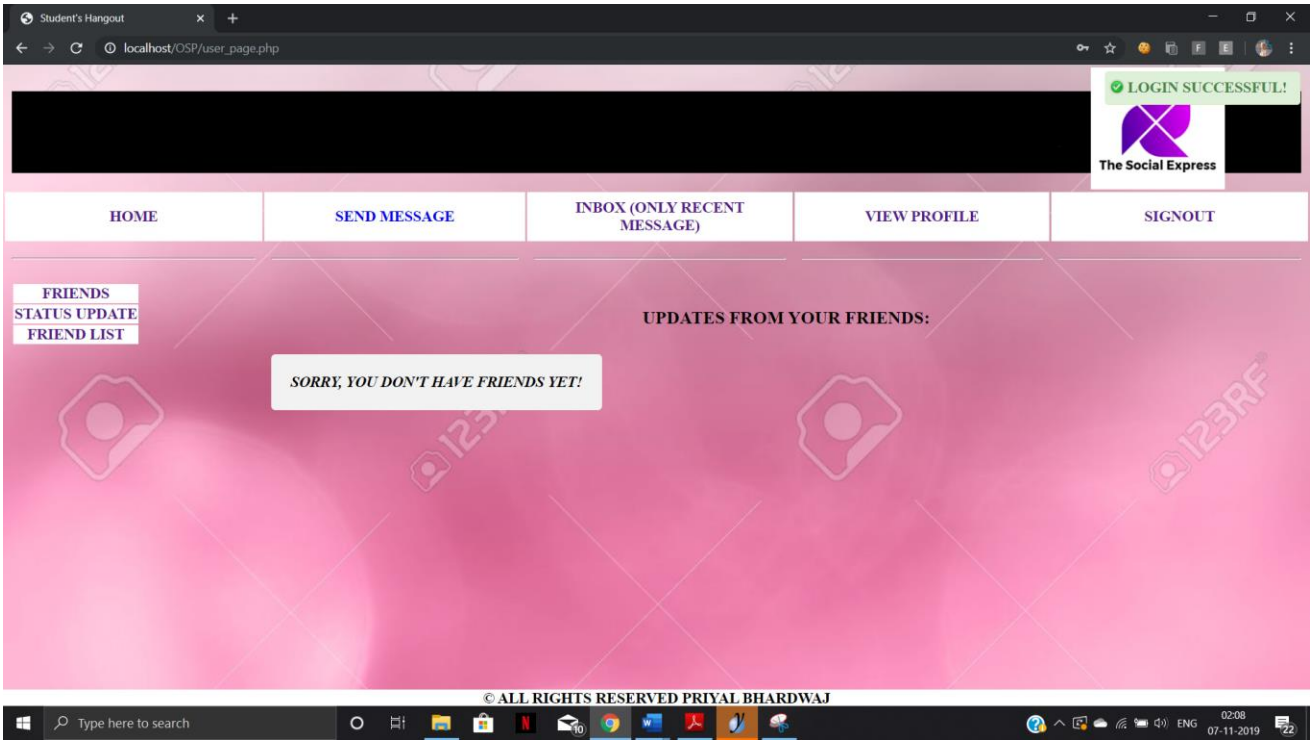


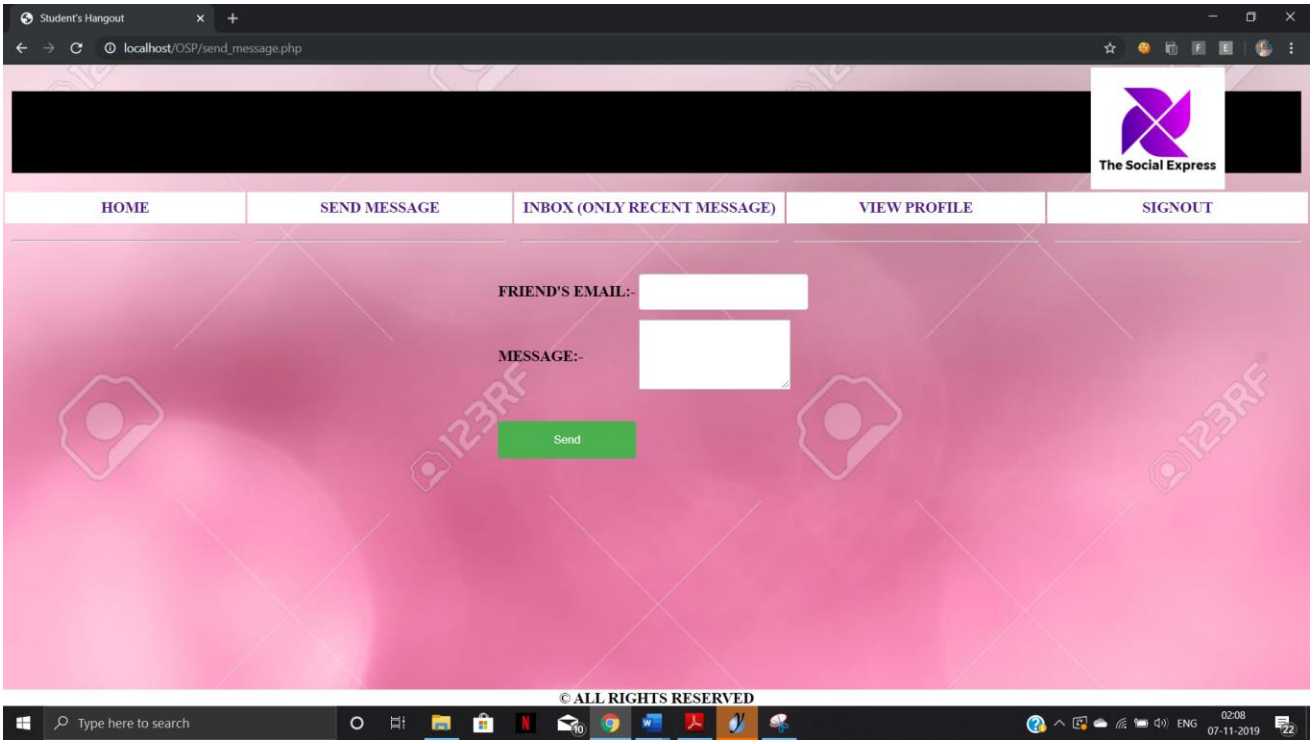


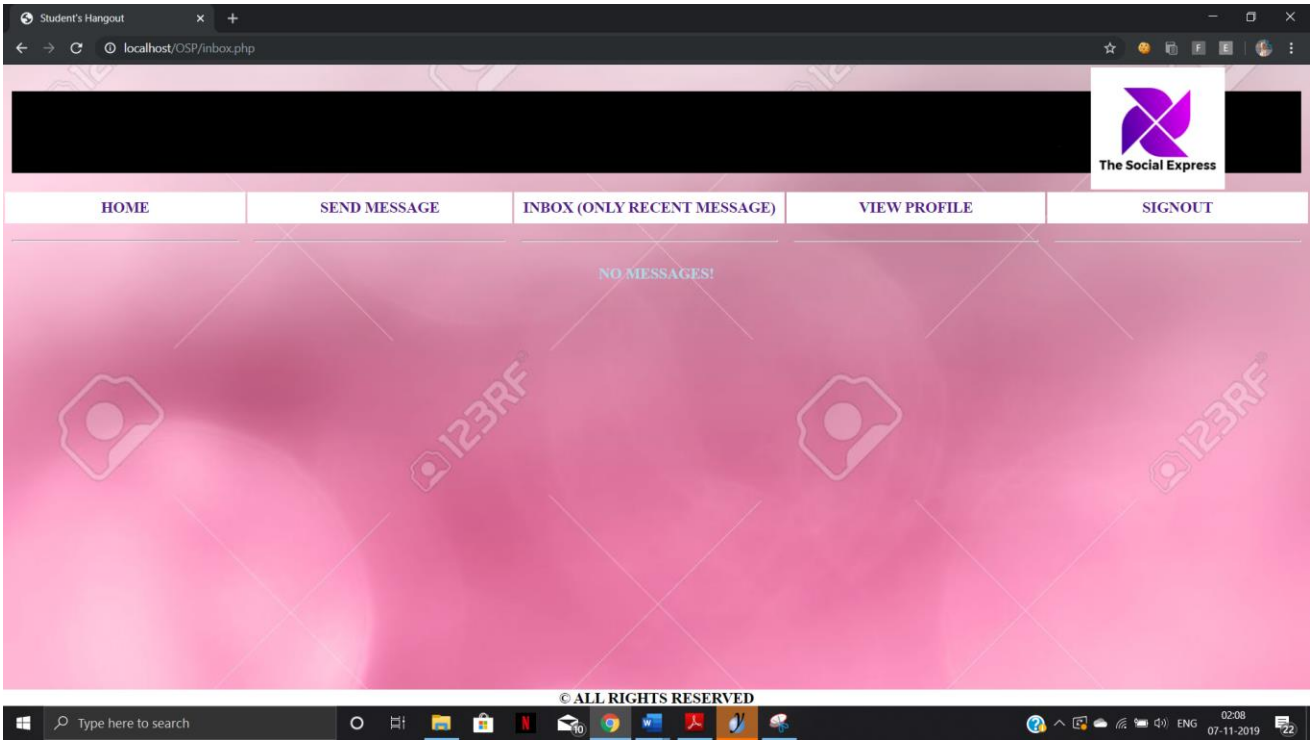

Student's Hangout
localhost/OSP/secure_signup.php
The Social Express
HOME
LOGIN
SIGN-UP
CONTACT-US
NAME:-
EMAIL:-
AGE:-
GENDER:-
Male
PASSWORD:-
Sign-up
OR LOGIN
© ALL RIGHTS RESERVED
Type here to search
ENG
02:07
07-11-2019

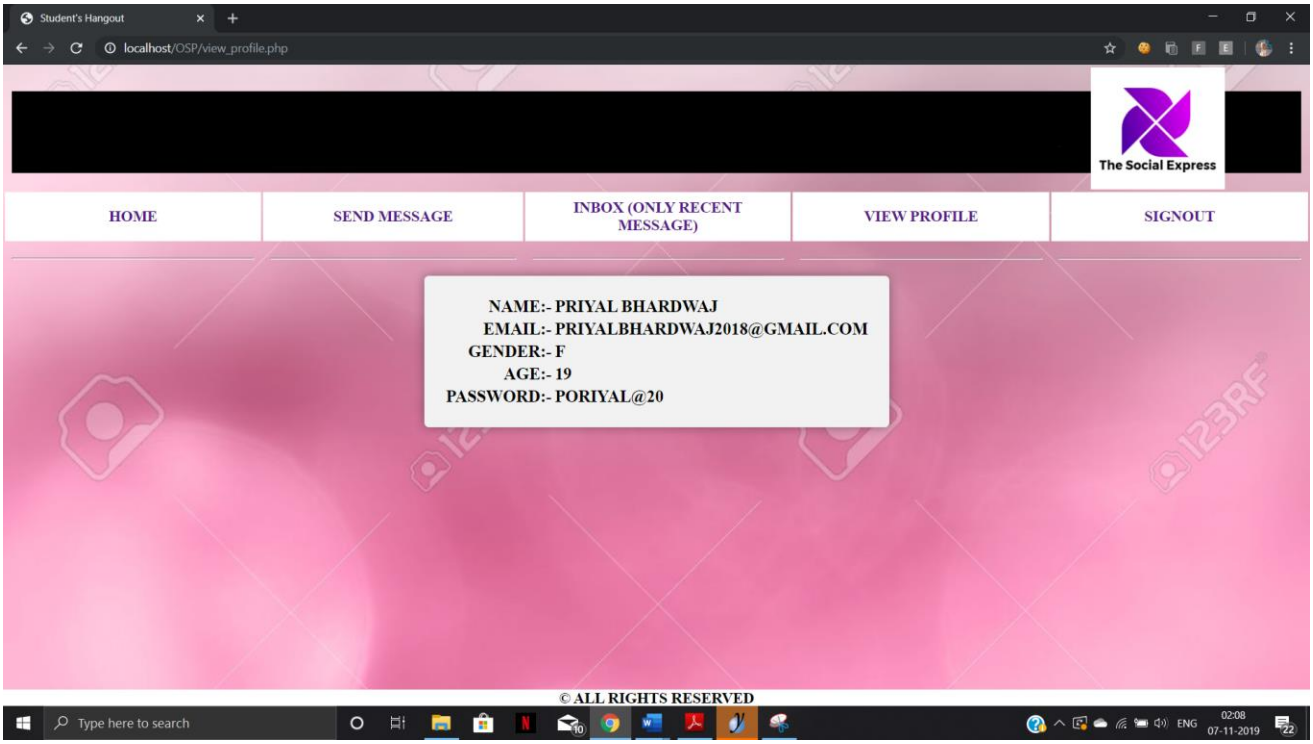

Student's Hangout
localhost / MySQL / shangout |
localhost/OSP/secure_signup.php
The Social Express
HOME
LOGIN
SIGN-UP
CONTACT-US
NAME:-
EMAIL:-
AGE:-
GENDER:-
Male
PASSWORD:-
Sign-up
OR LOGIN
EMAIL ALREADY REGISTERED, REGISTRATION FAILED!
© ALL RIGHTS RESERVED
Type here to search
ENG
09:24
07-11-2019

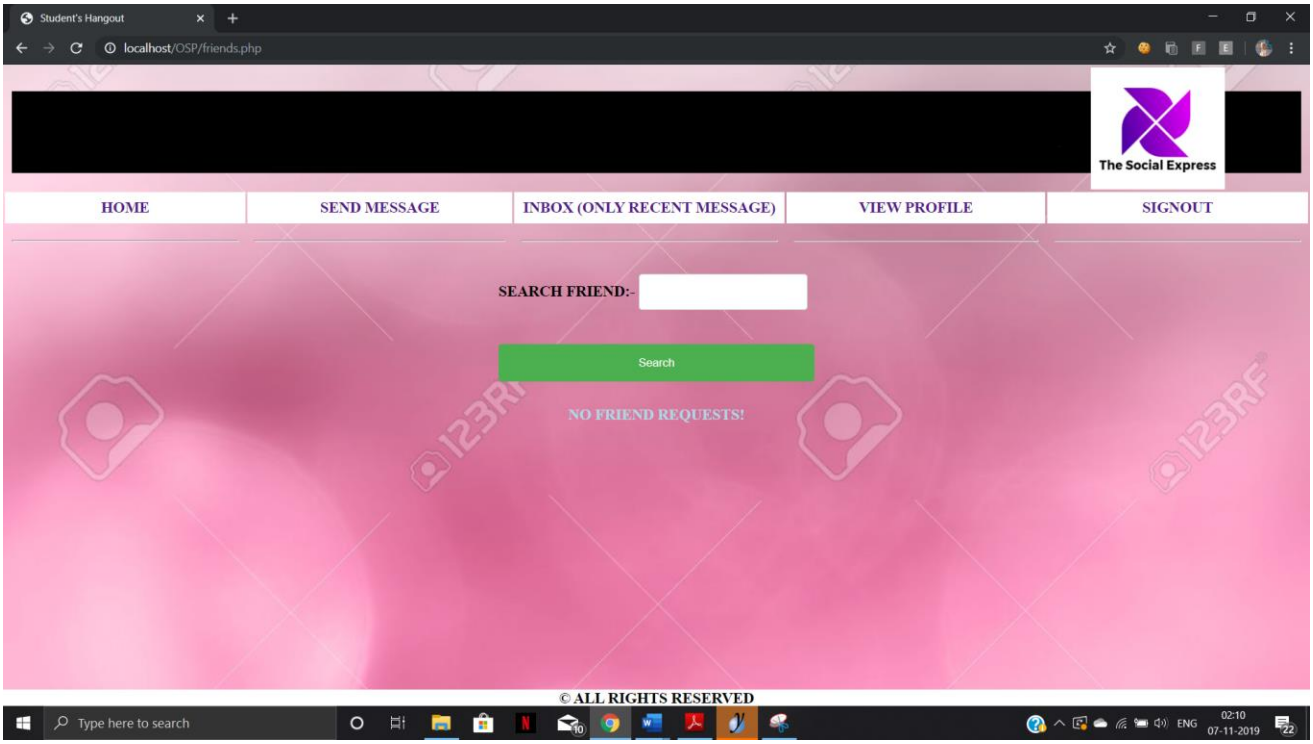

Student's Hangout
localhost/OSP/contact-us.html
The Social Express
HOME
LOGIN
SIGN-UP
CONTACT-US
Contact-Us
If you want to Contact-Us or Send a suggestion to help us grow or if you want to do an investment, you can mail the query or proposal here:- Google@Google.com
© ALL RIGHTS RESERVED
Type here to search
ENG
02:07
07-11-2019

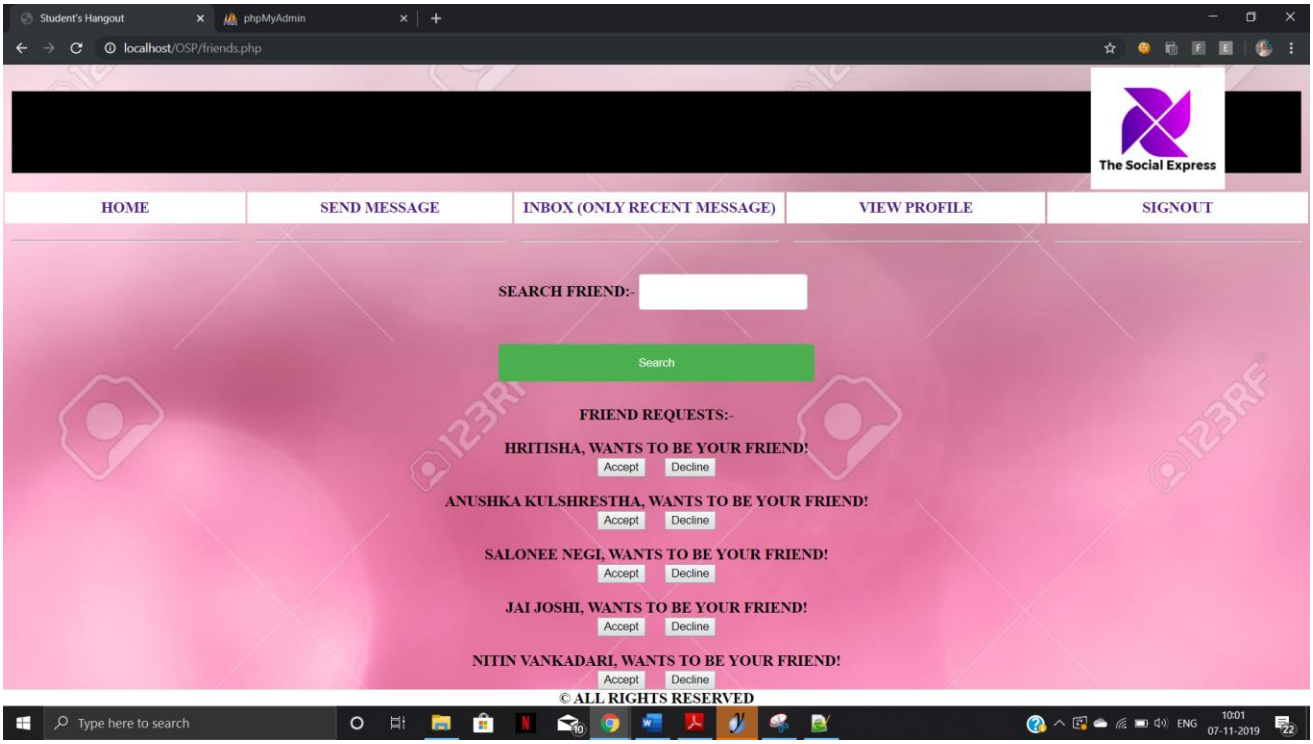

Student's Hangout
localhost/OSP/user_page.php
LOGIN SUCCESSFUL!
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
FRIENDS
STATUS UPDATE
FRIEND LIST
UPDATES FROM YOUR FRIENDS:
SORRY, YOU DON'T HAVE FRIENDS YET!
© ALL RIGHTS RESERVED PRIYAL BHARDWAJ
Type here to search
ENG
02:08
07-11-2019

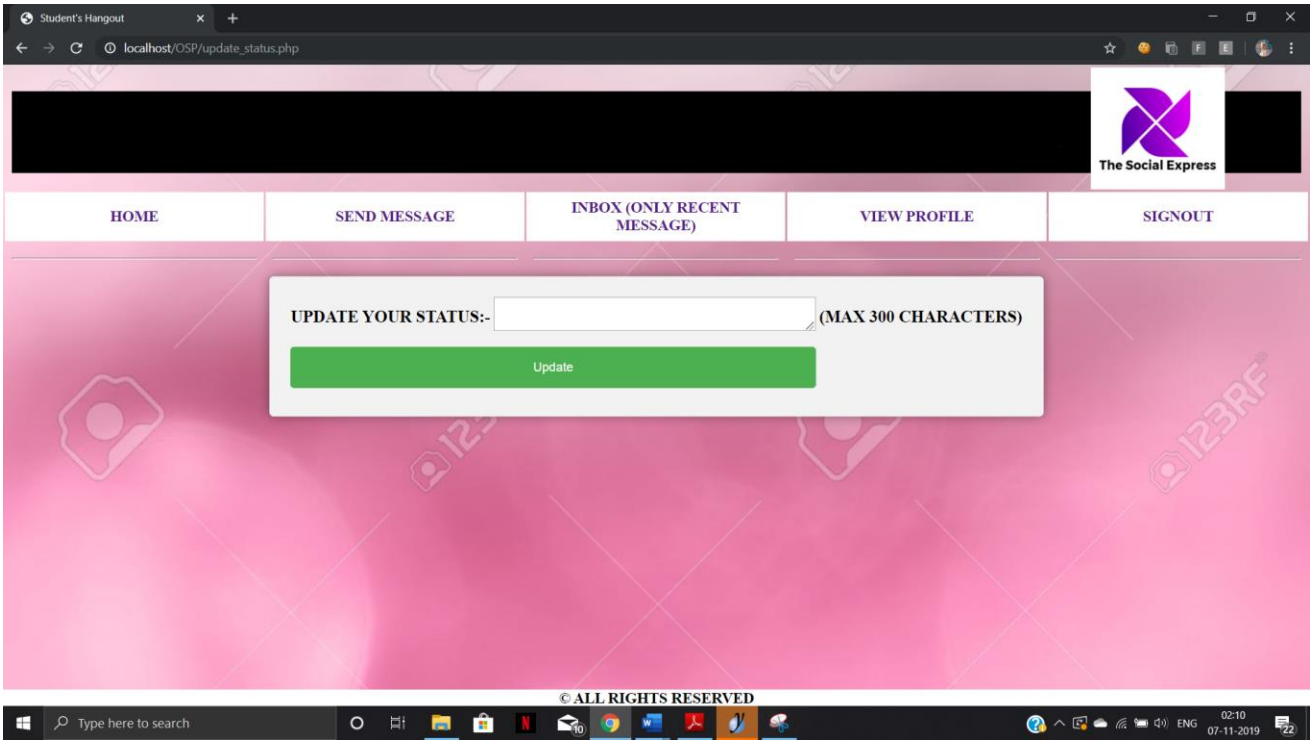

Student's Hangout
localhost/OSP/send_message.php
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
FRIEND'S EMAIL:-
MESSAGE:-
Send
© ALL RIGHTS RESERVED
Type here to search
ENG
02:08
07-11-2019

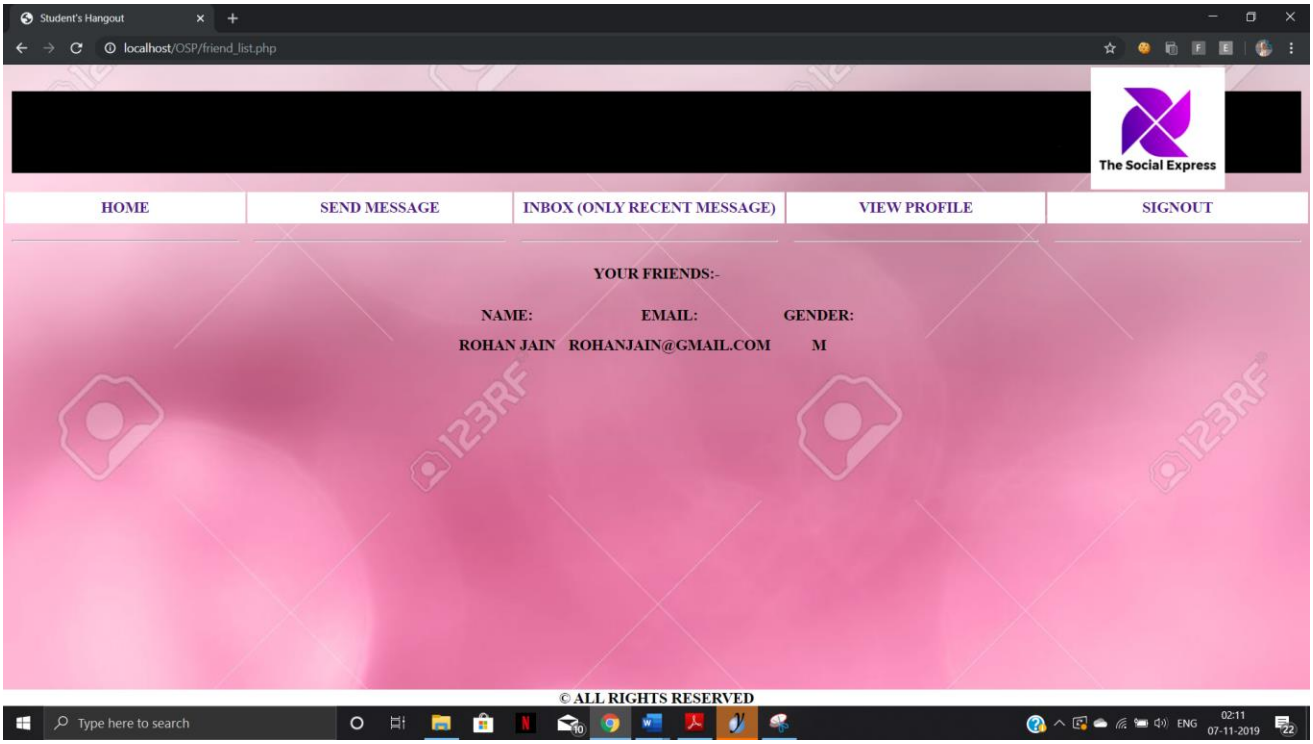

Student's Hangout
localhost/OSP/inbox.php
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
NO MESSAGES!
© ALL RIGHTS RESERVED
Type here to search
ENG
02:08
07-11-2019

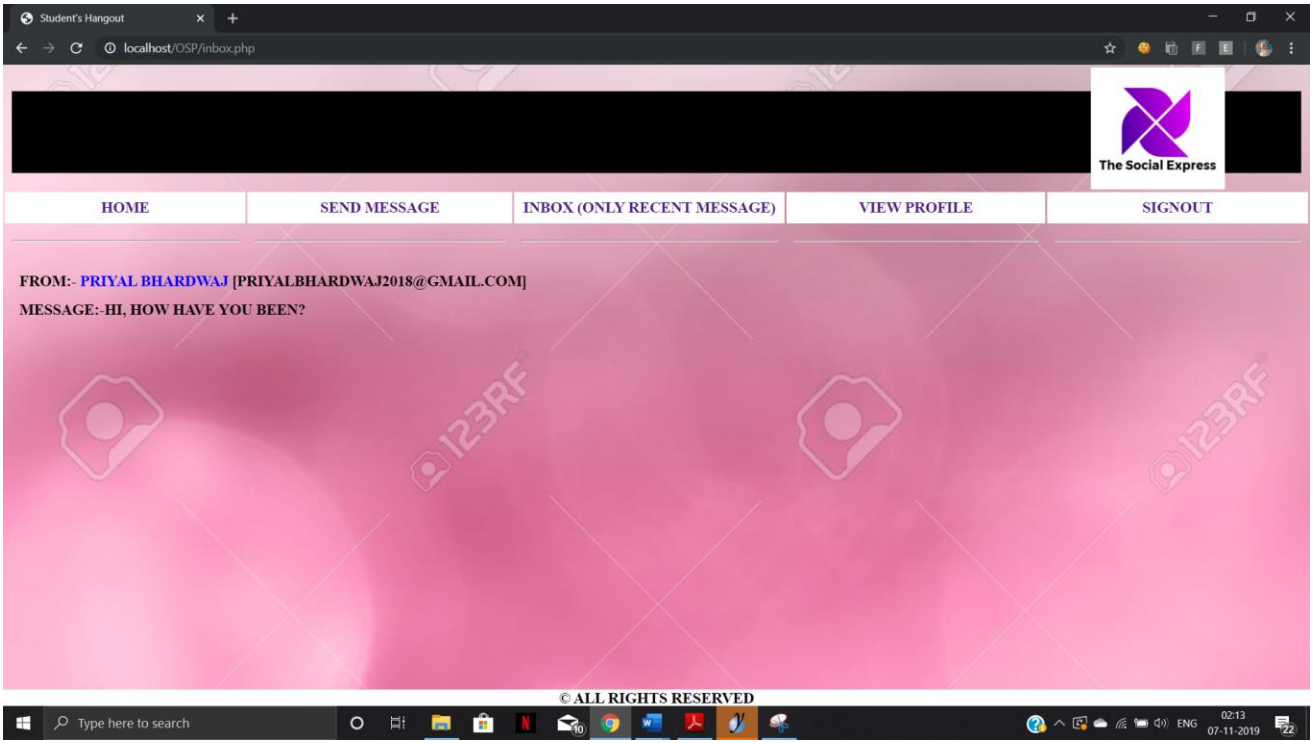

Student's Hangout
localhost/OSP/view_profile.php
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
NAME:- PRIYAL BHARDWAJ
EMAIL:- PRIYALBHARDWAJ2018@GMAIL.COM
GENDER:- F
AGE:- 19
PASSWORD:- PORIYAL@20
© ALL RIGHTS RESERVED
Type here to search
ENG
02:08
07-11-2019

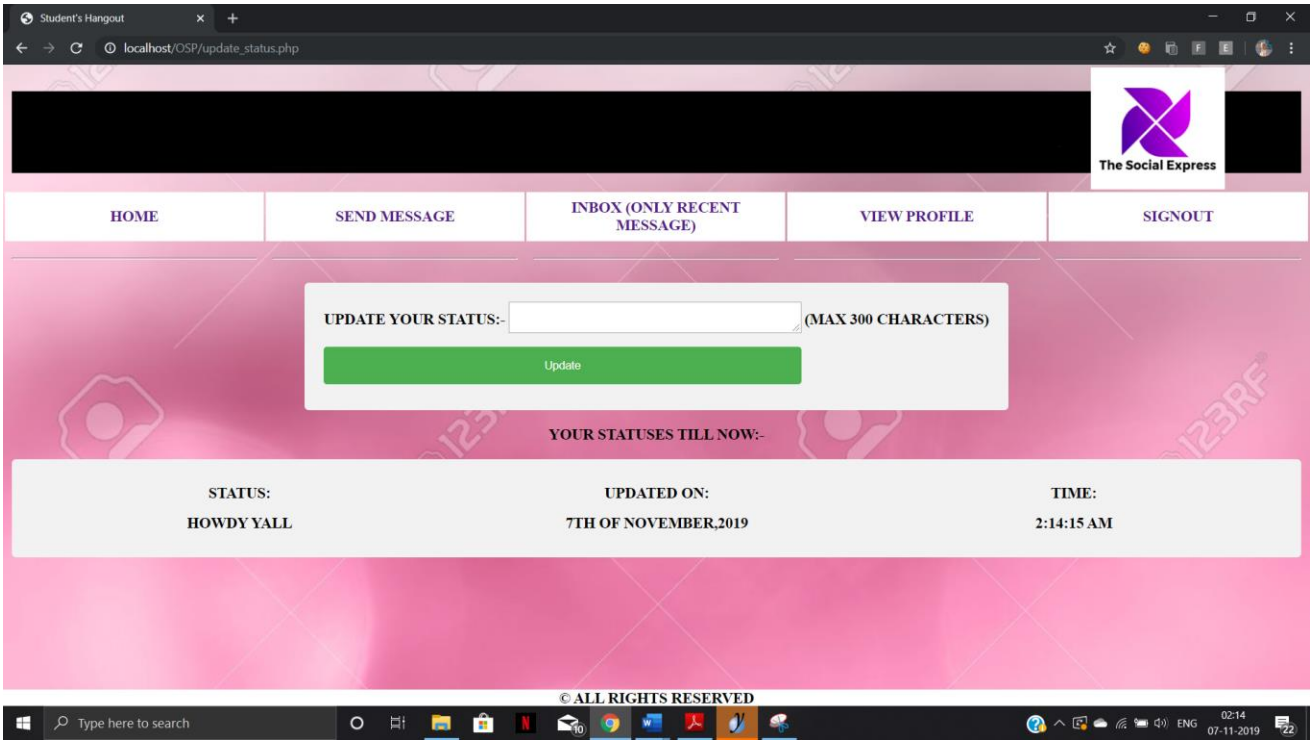

Student's Hangout
localhost/OSP/friends.php
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
SEARCH FRIEND:-
Search
NO FRIEND REQUESTS!
© ALL RIGHTS RESERVED
Type here to search
ENG
02:10
07-11-2019

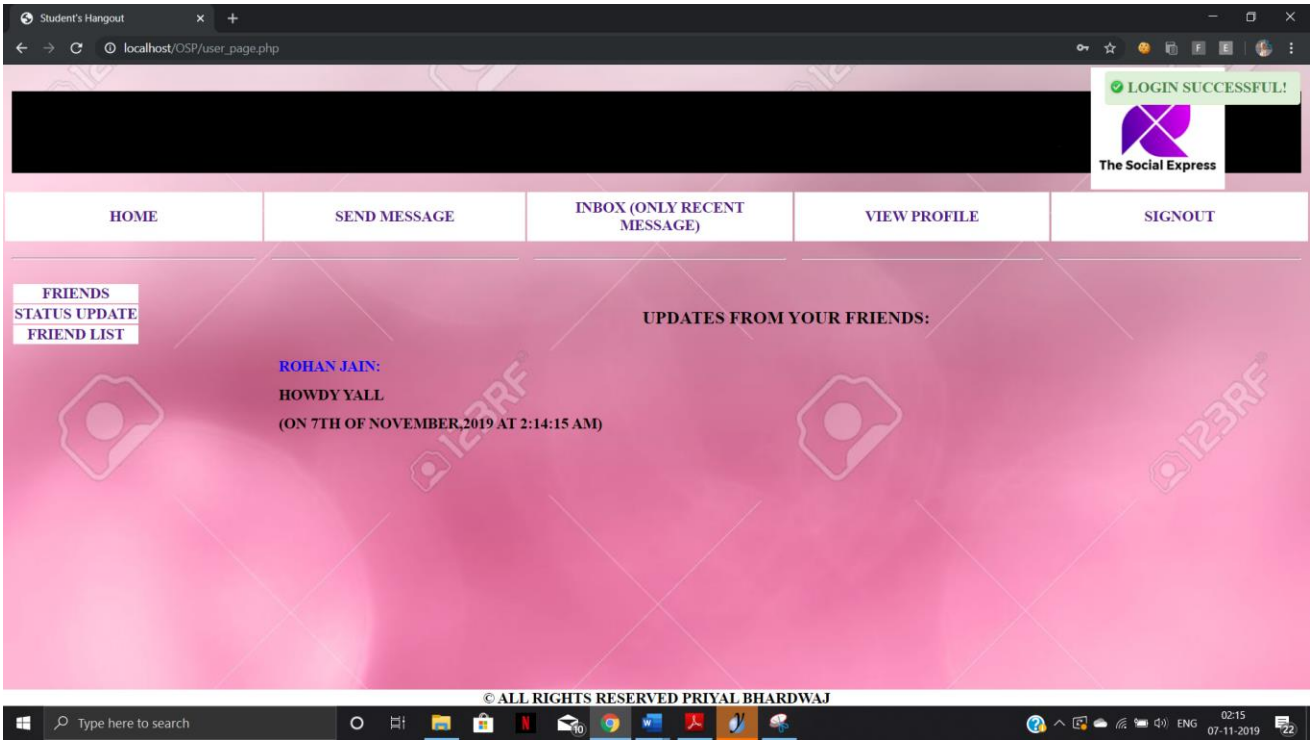

Student's Hangout
phpMyAdmin
localhost/OSP/friends.php
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
SEARCH FRIEND:-
Search
FRIEND REQUESTS:-
HRITISHA, WANTS TO BE YOUR FRIEND!
Accept Decline
ANUSHKA KULSHRESTHA, WANTS TO BE YOUR FRIEND!
Accept Decline
SALONEE NEGI, WANTS TO BE YOUR FRIEND!
Accept Decline
JAI JOSHI, WANTS TO BE YOUR FRIEND!
Accept Decline
NITIN VANKADARI, WANTS TO BE YOUR FRIEND!
Accept Decline
© ALL RIGHTS RESERVED
Type here to search
ENG
10:01
07-11-2019


Student's Hangout
localhost/OSP/update_status.php
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
UPDATE YOUR STATUS:-
(MAX 300 CHARACTERS)
Update
© ALL RIGHTS RESERVED
Type here to search
ENG
02:10
07-11-2019


Student's Hangout
localhost/OSP/friend_list.php
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
YOUR FRIENDS:-
NAME: EMAIL: GENDER:
ROHAN JAIN ROHANJAIN@GMAIL.COM M
© ALL RIGHTS RESERVED
Type here to search
ENG
02:11
07-11-2019

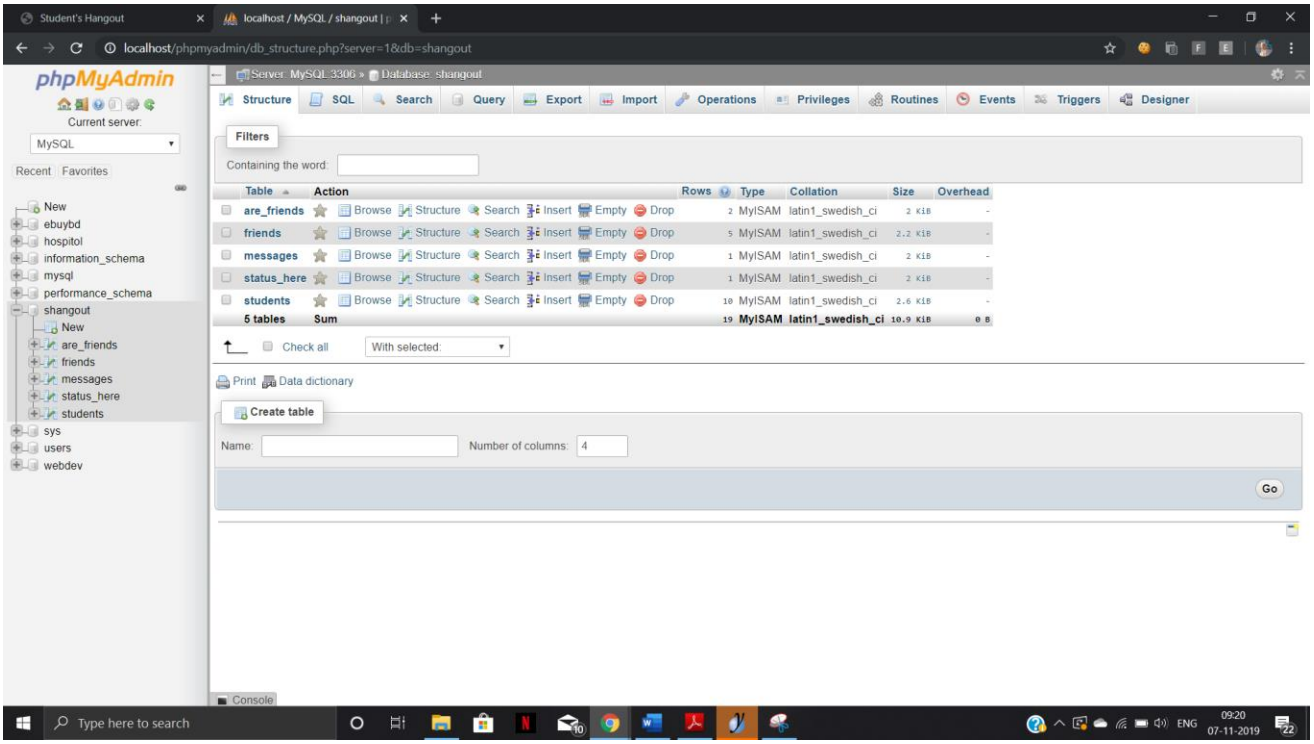

Student's Hangout
localhost/OSP/inbox.php
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
FROM:- PRIYAL BHARDWAJ [PRIYALBHARDWAJ2018@GMAIL.COM]
MESSAGE:-HI, HOW HAVE YOU BEEN?
© ALL RIGHTS RESERVED
Type here to search
ENG
02:13
07-11-2019

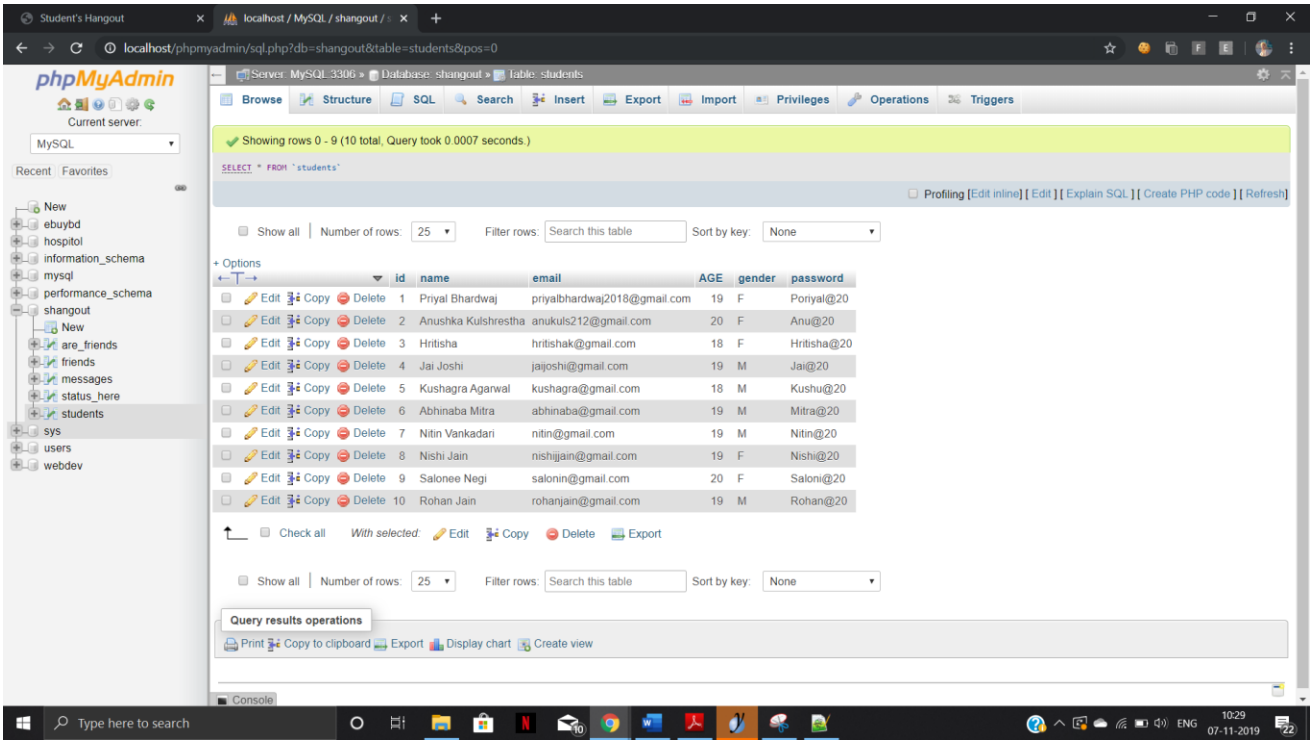

Student's Hangout
localhost/OSP/update_status.php
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
UPDATE YOUR STATUS:-
(MAX 300 CHARACTERS)
Update
YOUR STATUSES TILL NOW:-
STATUS:
UPDATED ON:
TIME:
HOWDY YALL
7TH OF NOVEMBER,2019
2:14:15 AM
© ALL RIGHTS RESERVED
Type here to search
ENG
02:14
07-11-2019

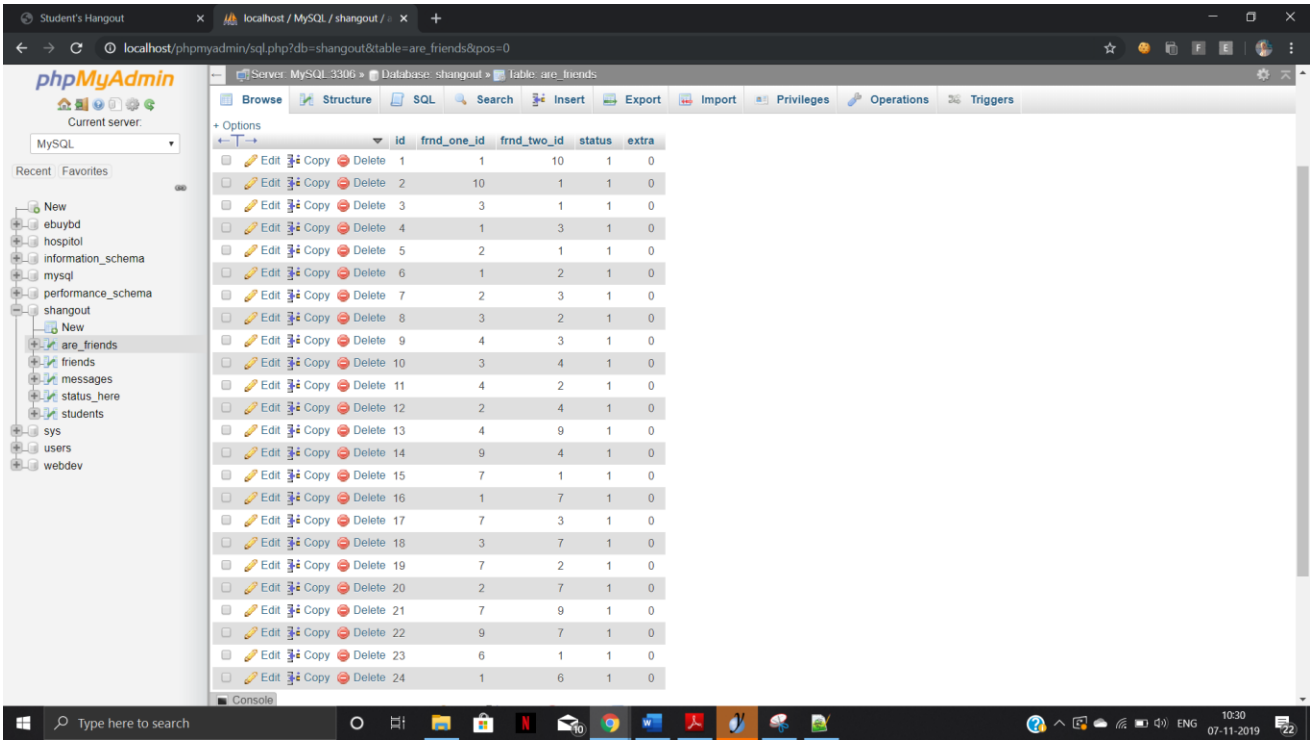

Student's Hangout
localhost/OSP/user_page.php
LOGIN SUCCESSFUL!
The Social Express
HOME
SEND MESSAGE
INBOX (ONLY RECENT MESSAGE)
VIEW PROFILE
SIGNOUT
FRIENDS
STATUS UPDATE
FRIEND LIST
UPDATES FROM YOUR FRIENDS:
ROHAN JAIN:
HOWDY YALL
(ON 7TH OF NOVEMBER,2019 AT 2:14:15 AM)
© ALL RIGHTS RESERVED PRIYAL BHARDWAJ
Type here to search
ENG
02:15
07-11-2019

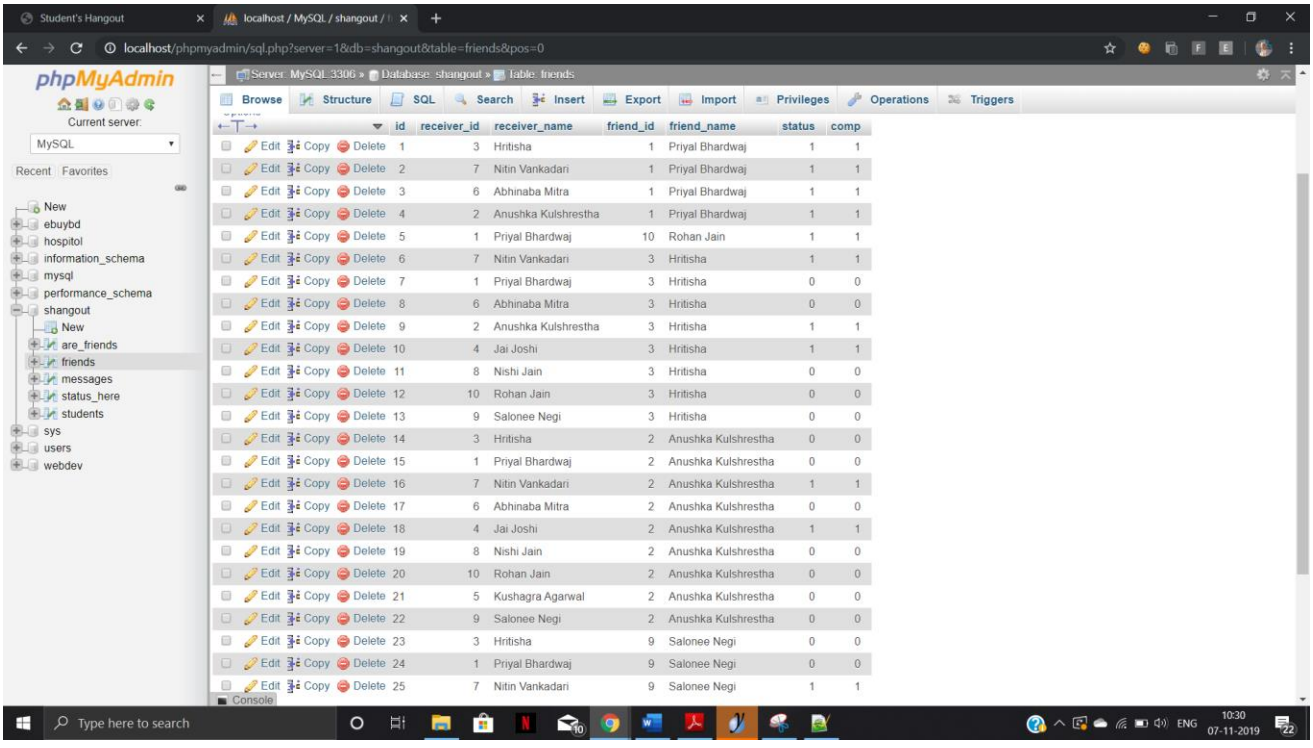
SQL FRAMEWORK:

List of tables used:






Student's Hangout
localhost / MySQL / shangout /
localhost/phpmyadmin/sql.php?db=shangout&table=are_friends&pos=0
phpMyAdmin
Current server:
MySQL
Recent Favorites
New
ebuybd
hospitol
information_schema
mysql
performance_schema
shangout
New
are_friends
friends
messages
status_here
students
sys
users
webdev
Server: MySQL:3306 » Database: shangout » Table: are_friends
Browse Structure SQL Search Insert Export Import Privileges Operations Triggers
+ Options
id frnd_one_id frnd_two_id status extra
Edit Copy Delete 1 1 10 1 0
Edit Copy Delete 2 10 1 1 0
Edit Copy Delete 3 3 1 1 0
Edit Copy Delete 4 1 3 1 0
Edit Copy Delete 5 2 1 1 0
Edit Copy Delete 6 1 2 1 0
Edit Copy Delete 7 2 3 1 0
Edit Copy Delete 8 3 2 1 0
Edit Copy Delete 9 4 3 1 0
Edit Copy Delete 10 3 4 1 0
Edit Copy Delete 11 4 2 1 0
Edit Copy Delete 12 2 4 1 0
Edit Copy Delete 13 4 9 1 0
Edit Copy Delete 14 9 4 1 0
Edit Copy Delete 15 7 1 1 0
Edit Copy Delete 16 1 7 1 0
Edit Copy Delete 17 7 3 1 0
Edit Copy Delete 18 3 7 1 0
Edit Copy Delete 19 7 2 1 0
Edit Copy Delete 20 2 7 1 0
Edit Copy Delete 21 7 9 1 0
Edit Copy Delete 22 9 7 1 0
Edit Copy Delete 23 6 1 1 0
Edit Copy Delete 24 1 6 1 0
Console
Type here to search
ENG
10:30
07-11-2019


Student's Hangout
localhost / MySQL / shangout /
localhost/phpmyadmin/sql.php?server=1&db=shangout&table=friends&pos=0
phpMyAdmin
Current server:
MySQL
Recent Favorites
New
ebuybd
hospitol
information_schema
mysql
performance_schema
shangout
New
are_friends
friends
messages
status_here
students
sys
users
webdev
Server: MySQL:3306 » Database: shangout » Table: friends
Browse Structure SQL Search Insert Export Import Privileges Operations Triggers
id receiver_id receiver_name friend_id friend_name status comp
Edit Copy Delete 1 3 Hritisha 1 Priyal Bhardwaj 1 1
Edit Copy Delete 2 7 Nitin Vankadari 1 Priyal Bhardwaj 1 1
Edit Copy Delete 3 6 Abhinaba Mitra 1 Priyal Bhardwaj 1 1
Edit Copy Delete 4 2 Anushka Kulshrestha 1 Priyal Bhardwaj 1 1
Edit Copy Delete 5 1 Priyal Bhardwaj 10 Rohan Jain 1 1
Edit Copy Delete 6 7 Nitin Vankadari 3 Hritisha 1 1
Edit Copy Delete 7 1 Priyal Bhardwaj 3 Hritisha 0 0
Edit Copy Delete 8 6 Abhinaba Mitra 3 Hritisha 0 0
Edit Copy Delete 9 2 Anushka Kulshrestha 3 Hritisha 1 1
Edit Copy Delete 10 4 Jai Joshi 3 Hritisha 1 1
Edit Copy Delete 11 8 Nishi Jain 3 Hritisha 0 0
Edit Copy Delete 12 10 Rohan Jain 3 Hritisha 0 0
Edit Copy Delete 13 9 Salonee Negi 3 Hritisha 0 0
Edit Copy Delete 14 3 Hritisha 2 Anushka Kulshrestha 0 0
Edit Copy Delete 15 1 Priyal Bhardwaj 2 Anushka Kulshrestha 0 0
Edit Copy Delete 16 7 Nitin Vankadari 2 Anushka Kulshrestha 1 1
Edit Copy Delete 17 6 Abhinaba Mitra 2 Anushka Kulshrestha 0 0
Edit Copy Delete 18 4 Jai Joshi 2 Anushka Kulshrestha 1 1
Edit Copy Delete 19 8 Nishi Jain 2 Anushka Kulshrestha 0 0
Edit Copy Delete 20 10 Rohan Jain 2 Anushka Kulshrestha 0 0
Edit Copy Delete 21 5 Kushagra Agarwal 2 Anushka Kulshrestha 0 0
Edit Copy Delete 22 9 Salonee Negi 2 Anushka Kulshrestha 0 0
Edit Copy Delete 23 3 Hritisha 9 Salonee Negi 0 0
Edit Copy Delete 24 1 Priyal Bhardwaj 9 Salonee Negi 0 0
Edit Copy Delete 25 7 Nitin Vankadari 9 Salonee Negi 1 1
Console
Type here to search
ENG
10:30
07-11-2019

IMPLEMENTATION

Google Drive Link for all the PHP and MySQL codes and database framework:

https://drive.google.com/open?id=1RxlOTSPVuBqjDv7xh0ZPIERRgSFzWT-U