1. Introduction

1.1 Literature Review:

To create a social website where people with similar interests can meet up. We will provide a platform for our users to interact with other people with same mind set. The website will also have online chatting system for live interaction. Our website will also recommend users places, stuff to do, etc. based on their interests which they have provided onto the website.

This project gives the procedural approach for making the friends which includes their choices like books, movies, sports, music etc.

1.2 Project Scope:

Following are the scopes of this project:
- To be able to make friends
- Have live interaction
- To be part of bigger community which have similar interest as you
- Discover new things based on the interests you have mentioned

1.3 Application of Project:

The main feature of the websites is to find a new friends based on your interest. The website will find your perfect match from other user which has similar interest as of yours. The Website will also suggest you different places to visit and different activities to do based on your interest. The Website will also make you part of bigger community based on your interest. You will be also provided with the platform to chat with people.

2. Requirement

2.1 Software Requirements/SRS:

Software requirements are HTML5, MySQL and XAMP etc.

2.2 Hardware Requirement:

The hardware requirements are PC or Laptop with internet connections and well setup of above software installed.

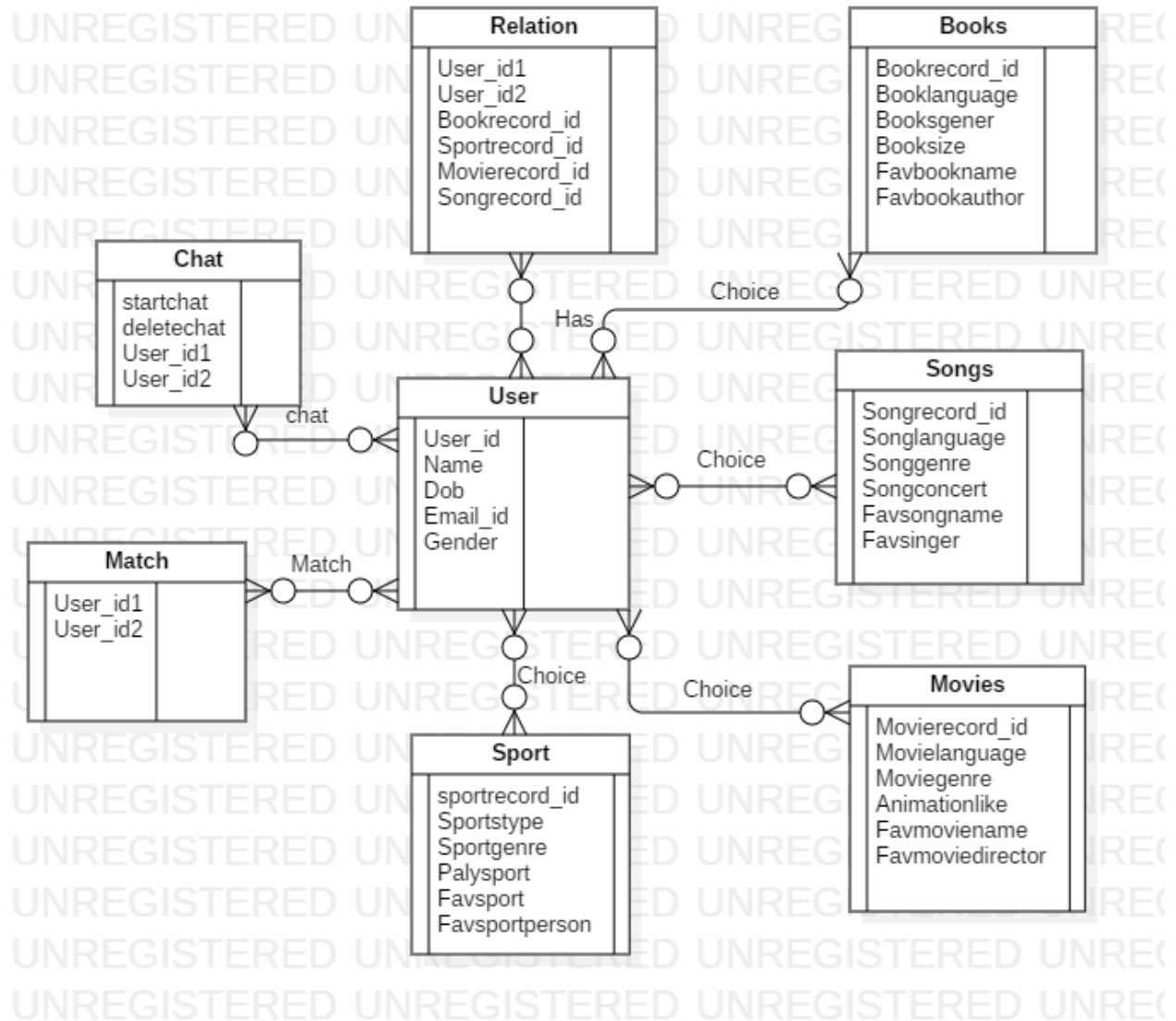# 3. System Analysis and Design

3.1 ER Diagram/EER Diagram:
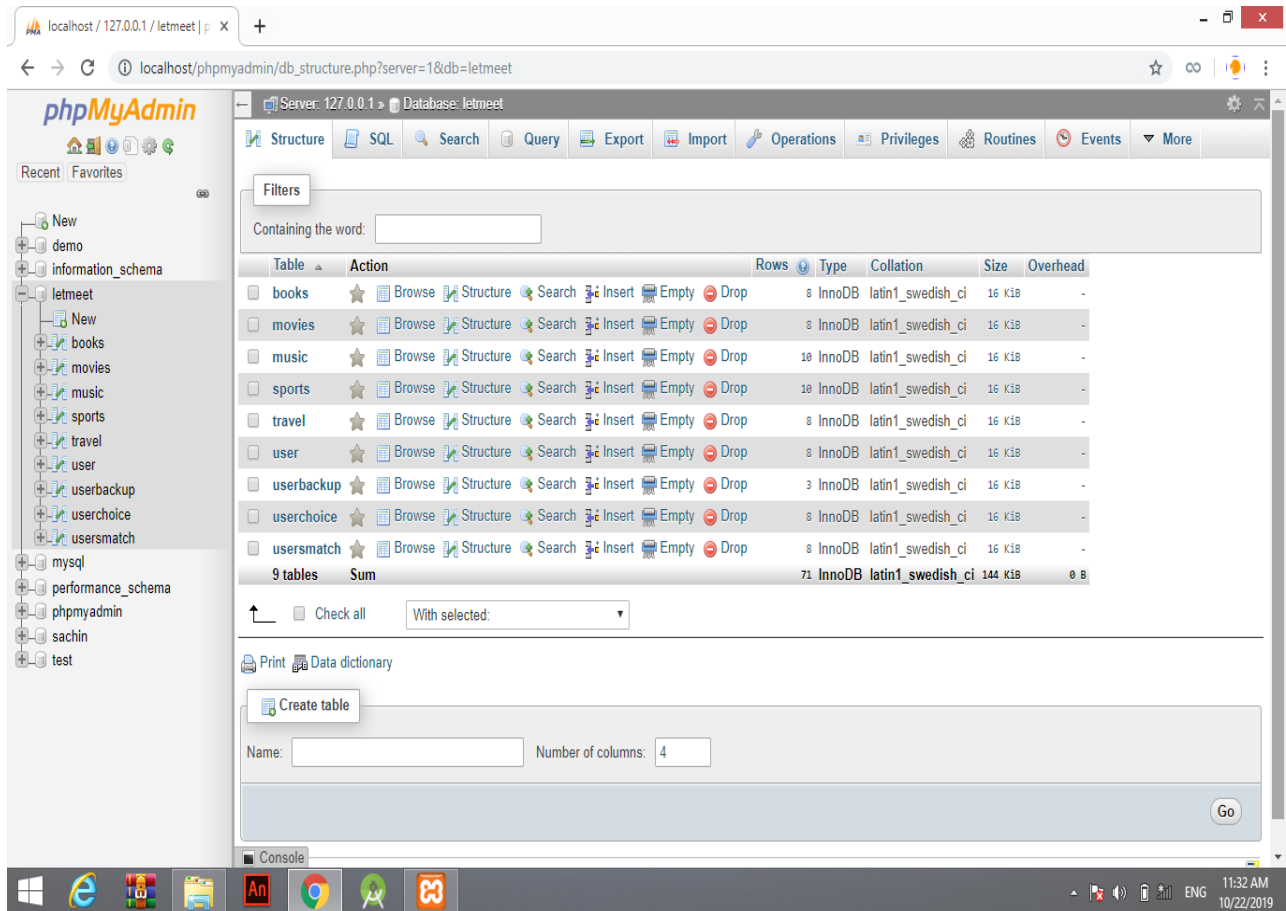

Fig 3.1 ER/EER Diagram

3.2 Relational Database Design:

Fig 3.2 Database Design

3.3 Database Normalization:

Normalization is a database design technique which organizes tables in a manner that reduces redundancy and dependency of data.

Database Normal Forms:

➢ *1NF (First Normal Form) Rules*

- Each table cell should contain a single value.

- Each record needs to be unique.

➢ 2NF (Second Normal Form) Rules
- Rule 1- Be in 1NF
- Rule 2- Single Column Primary Key

➢ 3NF (Third Normal Form) Rules
- Rule 1- Be in 2NF
- Rule 2- Has no transitive functional dependencies

We have normalized the Database.

5. Persona

- o We have a friend Raj who used this website and happy with the working of this website.
- o He was new in the Pune city and he doesn't have any friends in the city he made his profile on the website and tried to find someone having the same interests and mindset. He likes to watch plays more than movies and there are a very few people who like plays more than movies. After a time period he matched with a person who also like plays more than movies and they have very similar choices about food, music, and other things.
- o The main objective of this website is accomplished that one of our user is really happy by getting a friend in the totally new and unknown city.

6. Graphical User Interface

6.1 Home Page
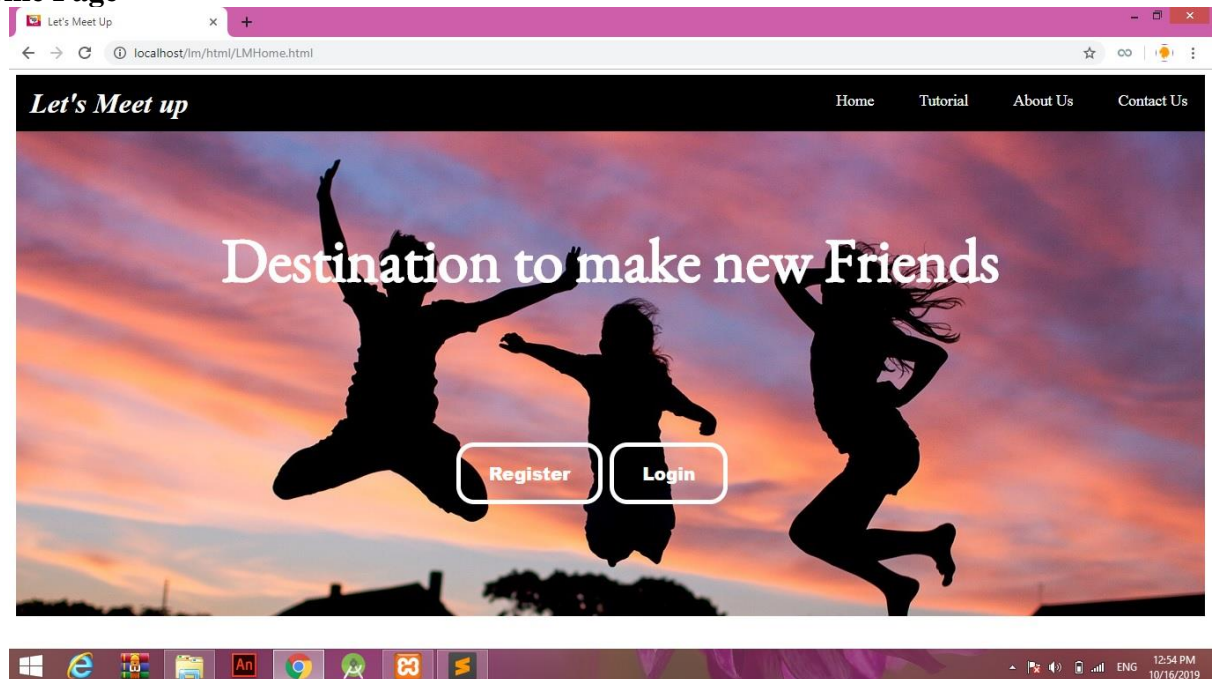
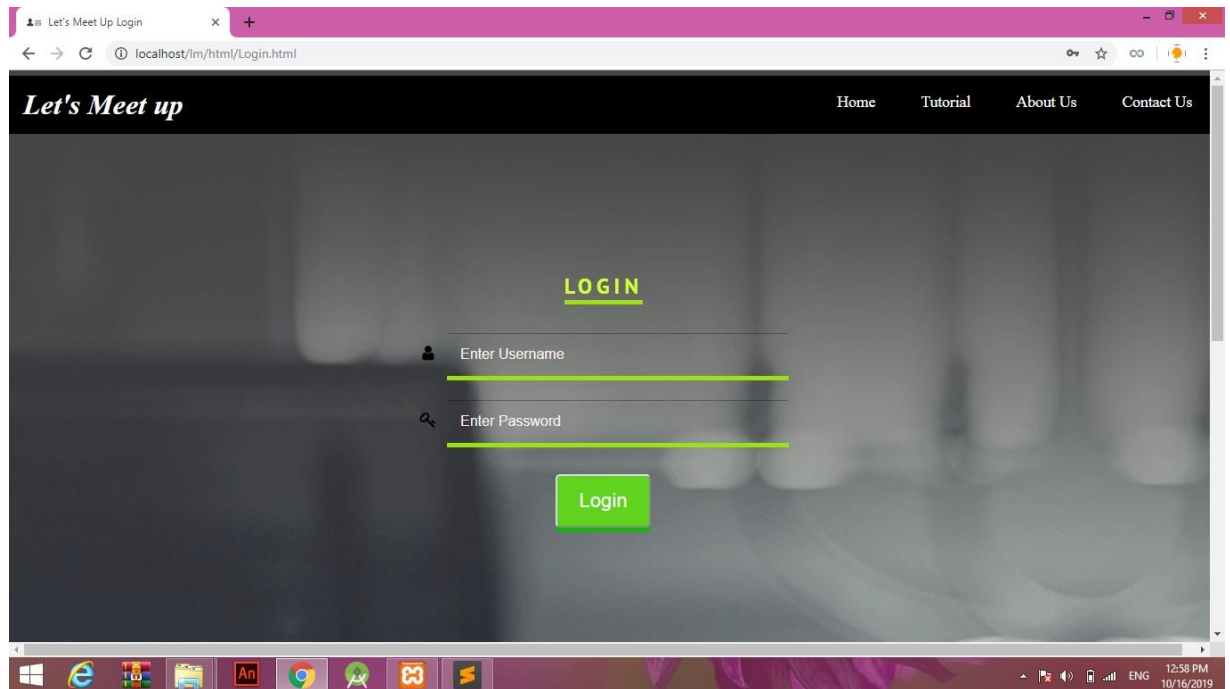
Fig 6.1

6.2 Registration
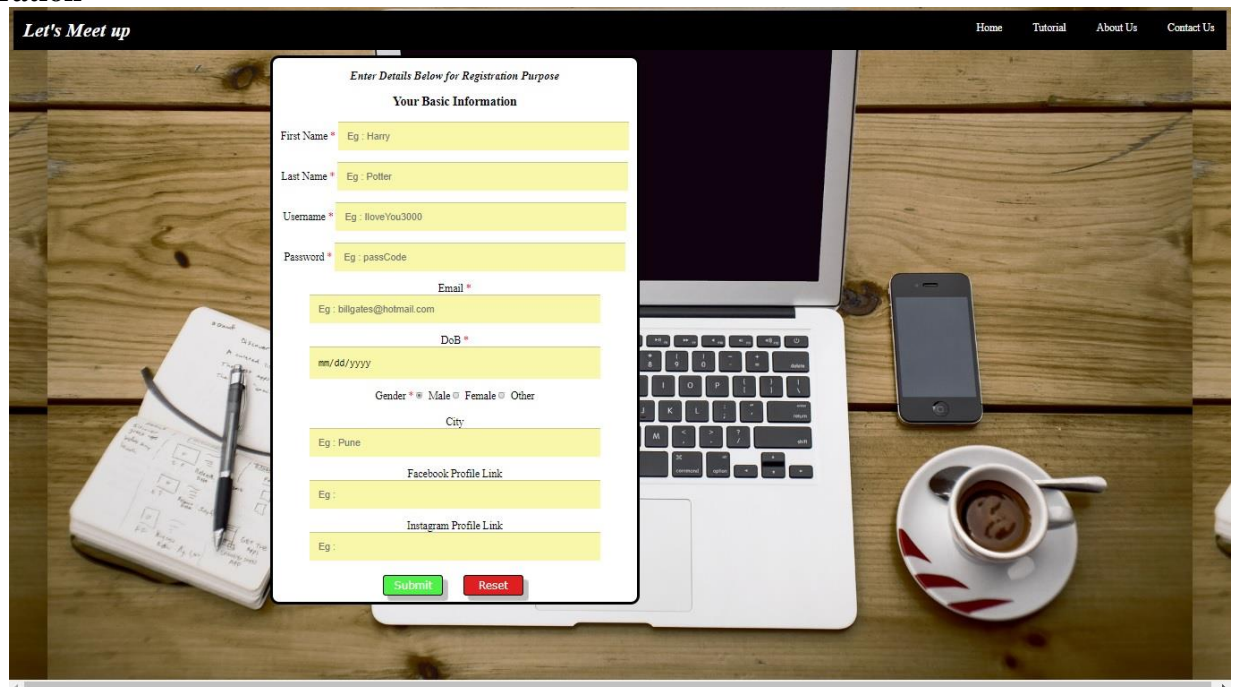
Fig 6.2

6.3 Login

Fig 6.3

6.4 Choices

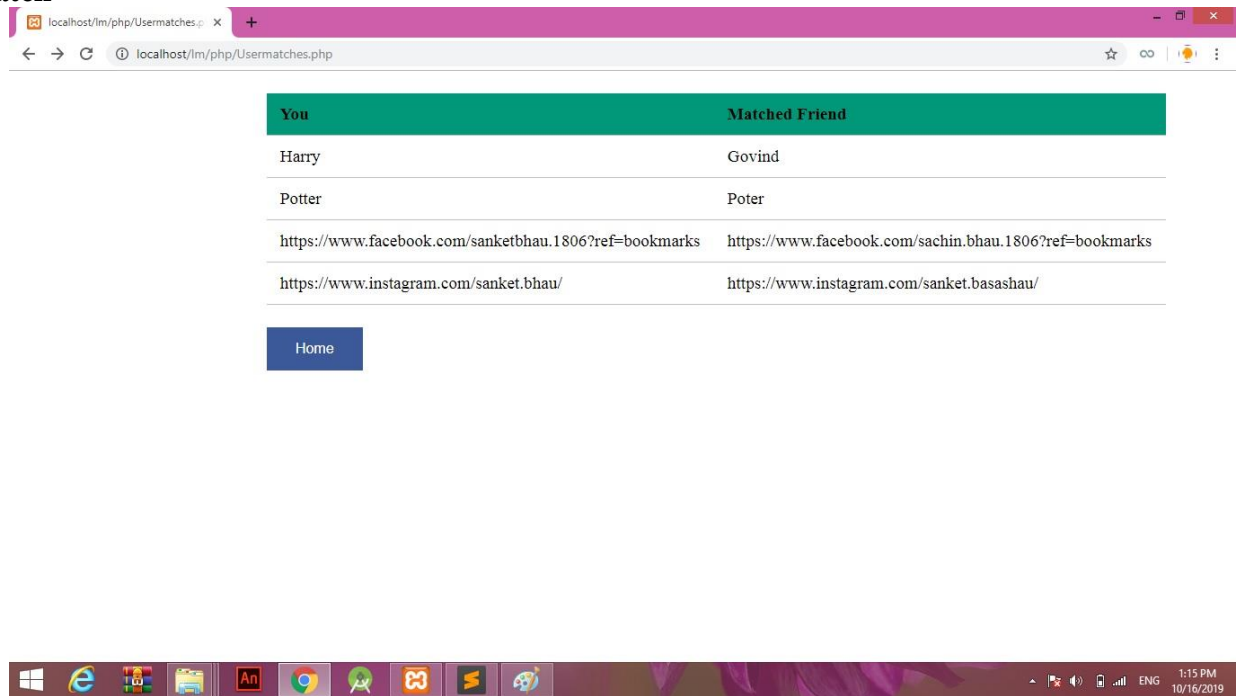Fig 6.4.1

Fig 6.4.2

Fig 6.4.3
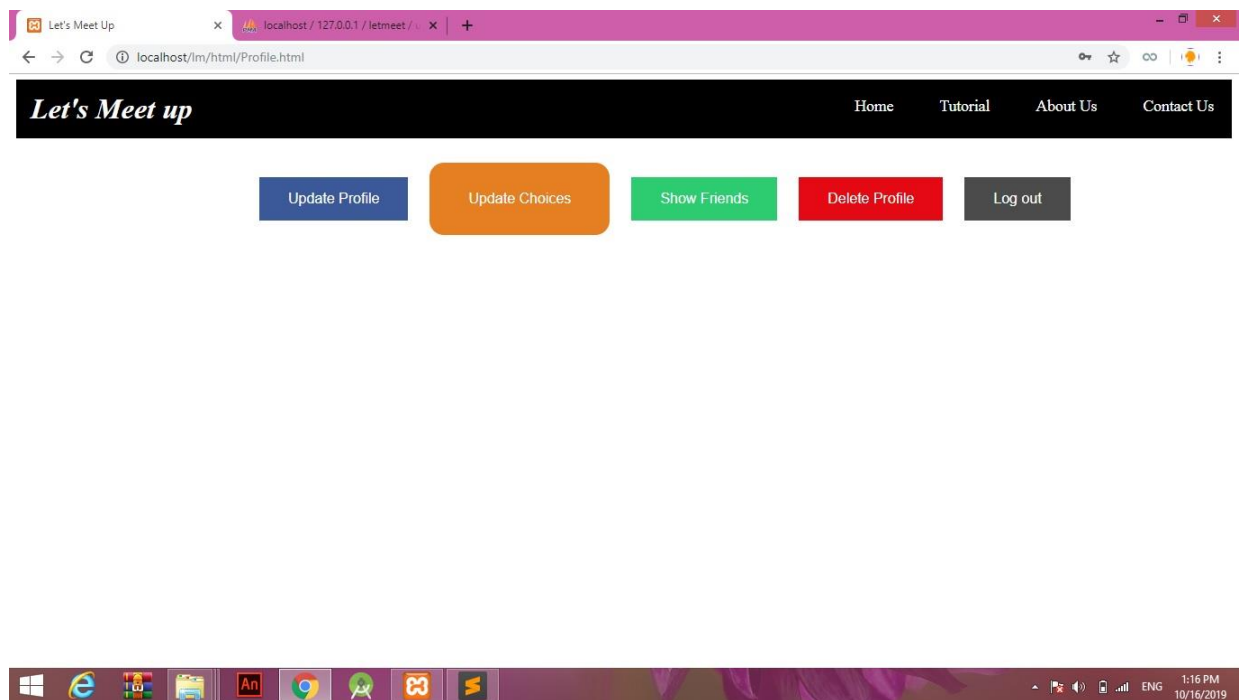
6.5 Match

Fig 6.5

6.6 Update

Fig 6.6.2
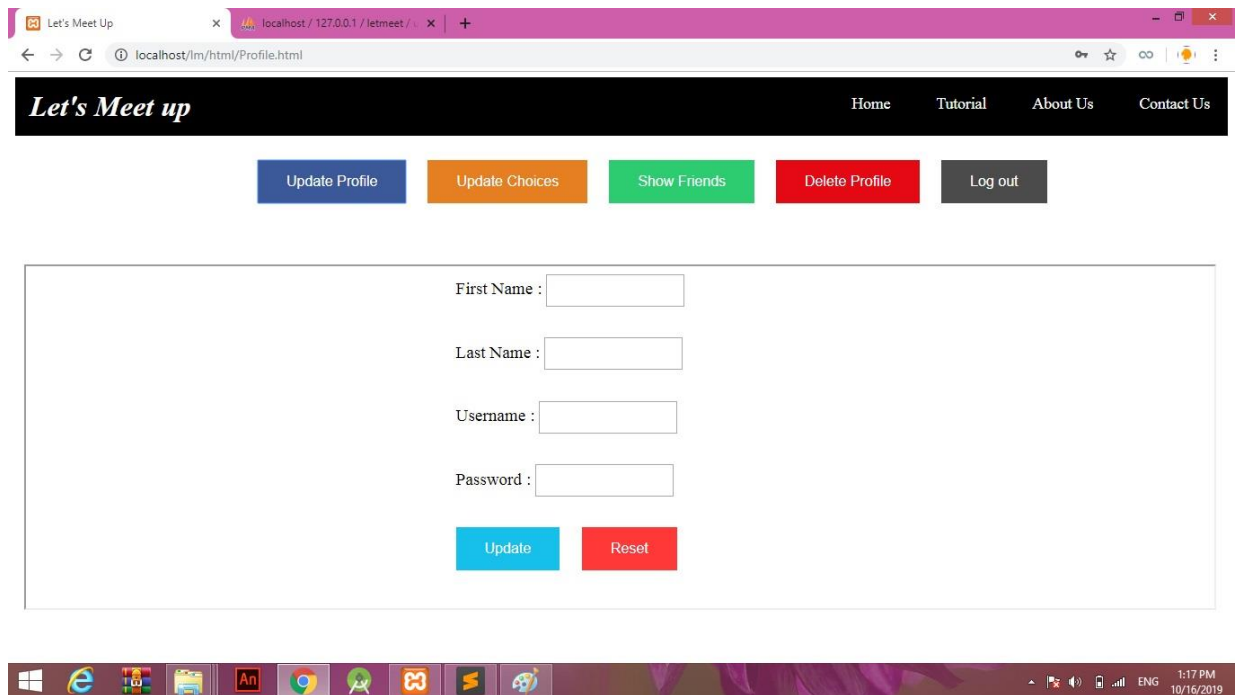
Fig 6.6.3

6.6 Delete

Fig 6.6

7. Testing Document
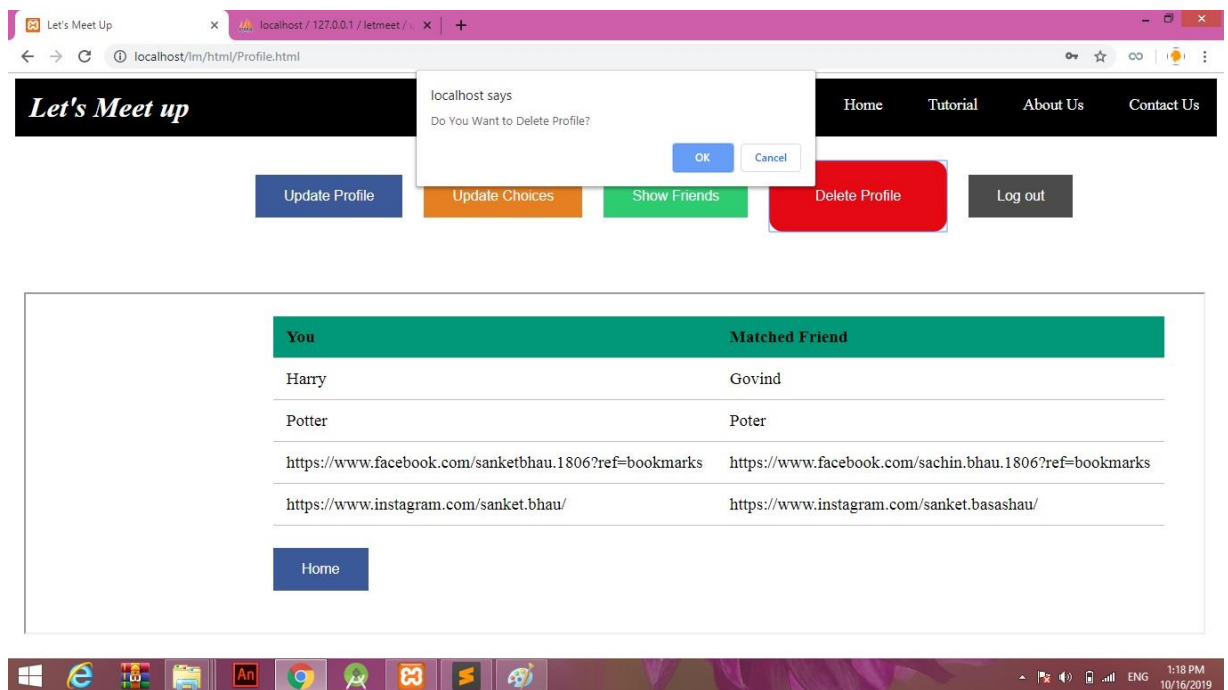
- **Case 1:**
  - All fields which are mandatory should be filled else error will be given.
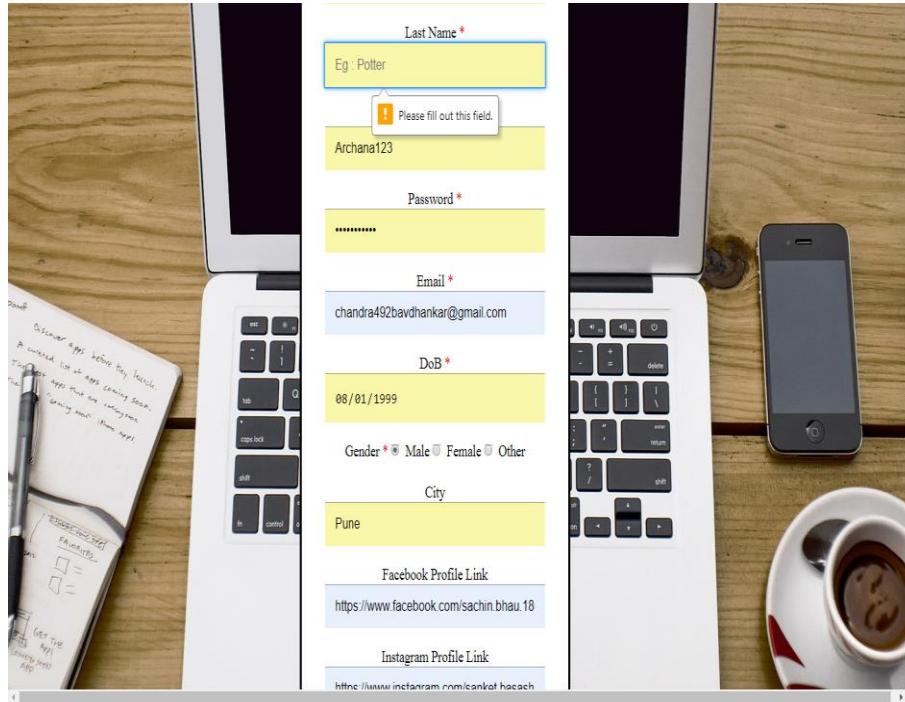
Fig 7.1

- **Case 2:**
  - When someone enters the improper password like with improper length then he will get an error message and he must enter it again.

Fig 7.2

- **Case 3:**
  - o If someone enters all things properly then he will enter his profile and will able to use all the services.

Let's Meet up

Home   Tutorial   About Us   Contact Us

| Update Profile | Update Choices | Show Friends | Delete Profile | Log out |

Fig 7.3

- **Case 4:**
    - When someone creates his profile by inputting everything then he will able to find friends for himself of his similar choices and interest.

8. Future Enhancement

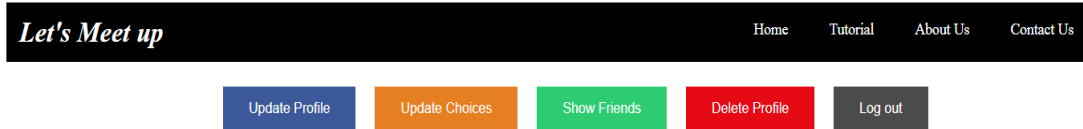- At this point the users can find friends and once they are matched with someone then they will be able to see their Facebook and Instagram profiles. But in the future, we are going to add a very easy chatting service in the website to get close to the friends.
- The friends will be got matched and they will hang out together, but the problem is where to hangout? So in future, we are adding a function of prompting the users that if they like action movies then the same movie is in the nearest theater, if they like same kind of music or singer then they will be prompt that that singer is having a concert in the city. And they will get the location of the Event as well.

9. Conclusion

- The very first problem of a teenager after coming in a new city is communication with the people.
- How to talk with people? Will they judge me? But if that person gets a friend who is as same as him then he will feel free to talk with that person, and he will get his best friend in the new city.
- This is the main objective behind this project, which no one feel alone in the new city.
- After using this website, the person will get a friend of the same choices about food, music and many more things. So, there is nothing like mismatching about choices, arguments and they will enjoy each other's company.

So, Let's Meet Up!!!!!!!!!!!

10. Reference / Bibliography

References:

- Syllabus Lab Manual
- https://www.w3schools.com/php/php_mysql_intro.asp
- https://www.youtube.com/playlist?list=PLKFFjVhORs0USCO8hXeeL5K z4i46Y5zPW
- https://www.tutorialspoint.com/php/index.htm