Project 1 - “Latent.me”

Submitted by-
Section 2, Team 3 - “Prescient Latency”

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CPSC 473 - Web Programming and Data Management

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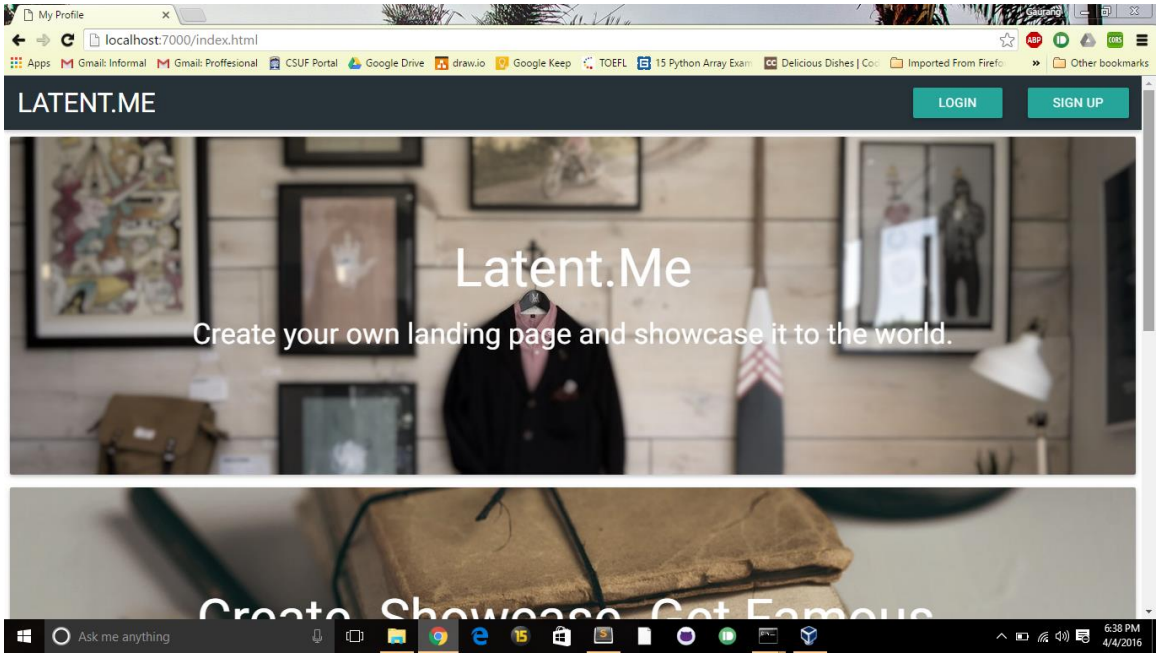
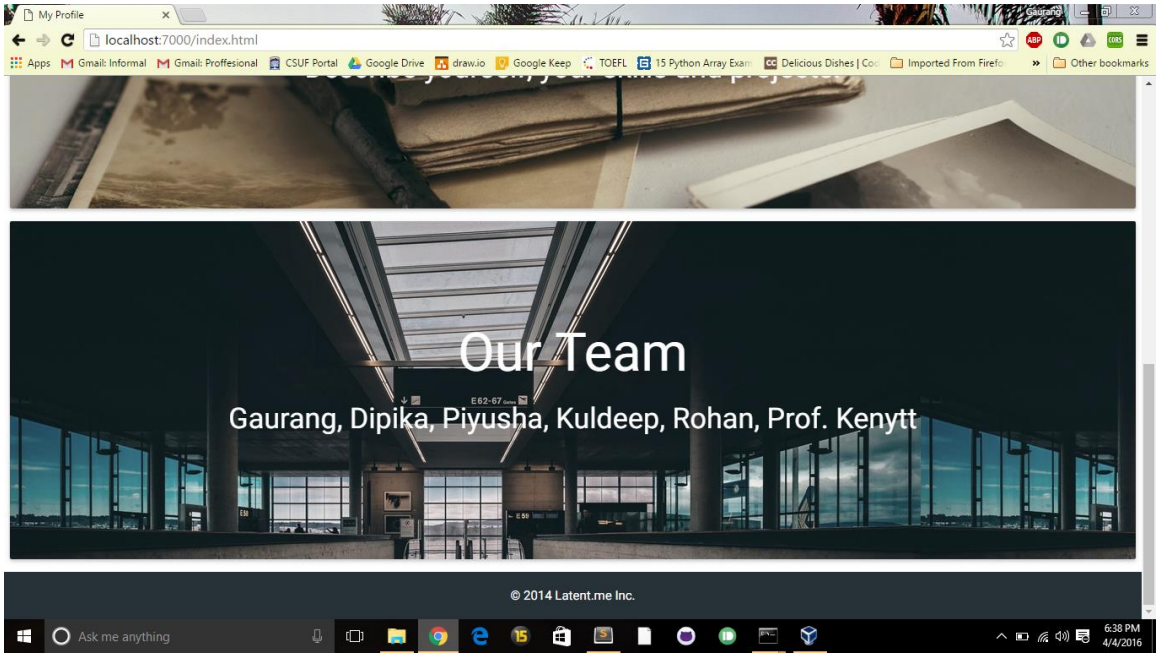
Introduction

Latent.me is a web application used to create your own profile. It can be used by the individual users who want to create their own page so that other users can find his details and learn about him. For this, the user needs to register into the website and fill out all the details asked during registration. Also, he will be able to upload his profile picture. After successful registration, the user will be able to see his profile which will include, the uploaded profile picture, personal details, skills, projects etc.





For the client-side, we have used jquery and materialize CSS and node.js is used for server-side. For storing the data, json server is used.

The URL for github is given as follows:

https://github.com/iamgs7/Project473_PrescientLatency

Steps for installing and running the website:

- Download and install node.js from https://nodejs.org/
- Install express server by typing the following command:
- "npm install express".
- Make a directory for the project and include package.json file into it.
  After this, run the following command:
  "npm install" for installing all the node modules.
- Install the JSON Server using the following command:
  "npm install -g json-server".
- After installing, run the json server using this command:
  "json-server db.json".
- Run node server using the following command(for running server.js file):
  "node server.js".
- Run python server using the following command:
  "python –m SimpleHTTPServer"
- Run the website using the following url (for running index.html):
  http://localhost:7000/

The UI of this project is designed using materialize CSS. We have used the following components:

Navbar: The navbar is fully contained by an HTML5 Nav tag. Inside a recommended container div, there are 2 main parts of the navbar. A logo or brand link, and the navigations links. You can align these links to the left or right. We have used the navbar for displaying the website name as well as sign-up and login buttons.

Modal: Modals can be used for dialog boxes, confirmation messages, or other content that can be called up. In order for the modal to work you have to add the Modal ID to the link of the trigger. To add a close button, just add the class .modal-close to your button. We have used modals for sign-up and login page.

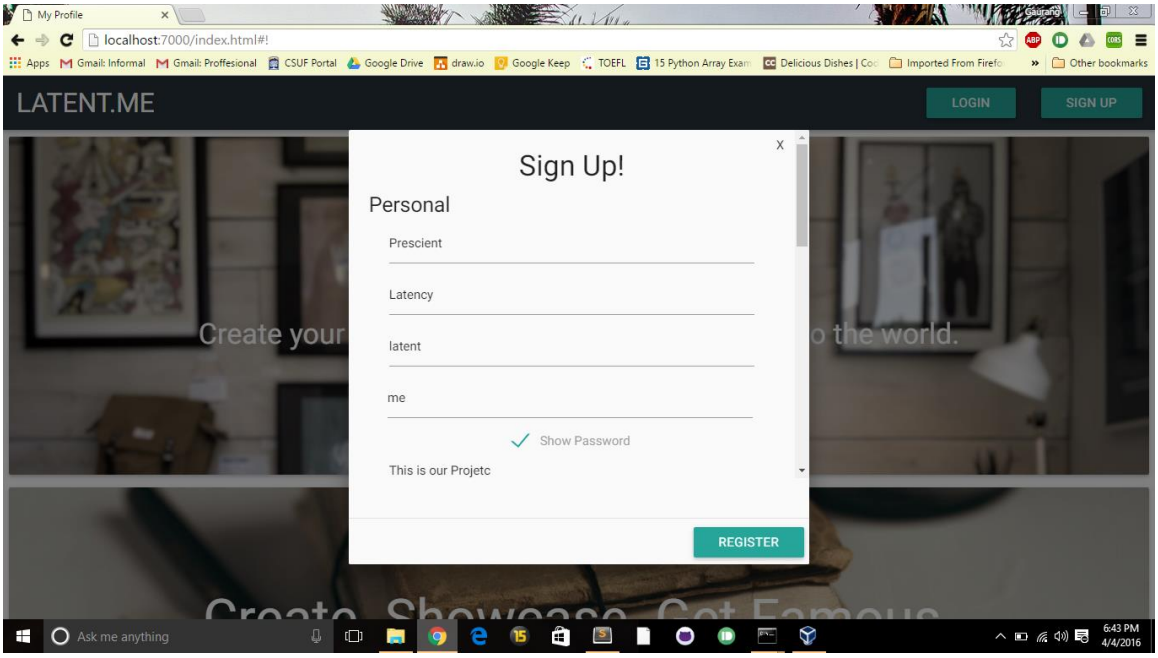
Collapsible: Collapsibles are accordion elements that expand when clicked on. They allow you to hide content that is not immediately relevant to the user. We have used collapsible for displaying the skills of the user.
Tabs: The tabs structure consists of an unordered list of tabs that have hashes

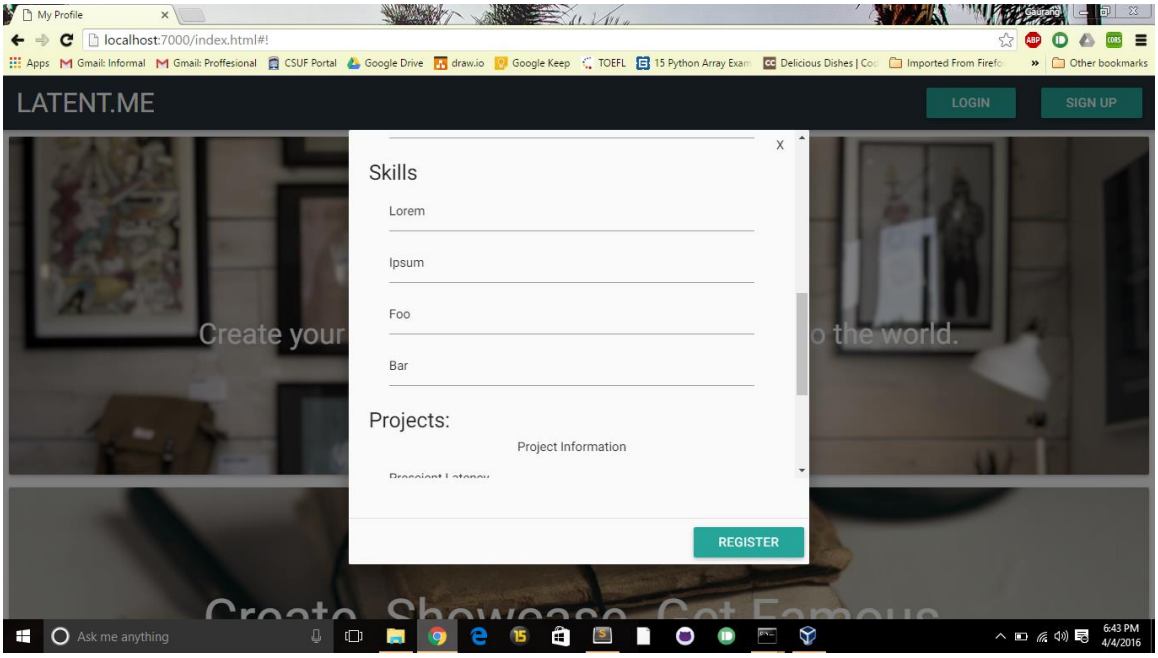
corresponding to tab ids. Then when you click on each tab, only the container with the corresponding tab id will become visible. You can add the class .disabled to make a tab inaccessible. We have different tabs in our user interface for displaying personal details, skills and projects of the user.

Cards: Cards are used to display content composed of different types of objects. They're also well-suited for presenting similar objects whose size or supported actions can vary considerably, like photos with captions of variable length. We have used cards for displaying the projects and their description in the user profile.

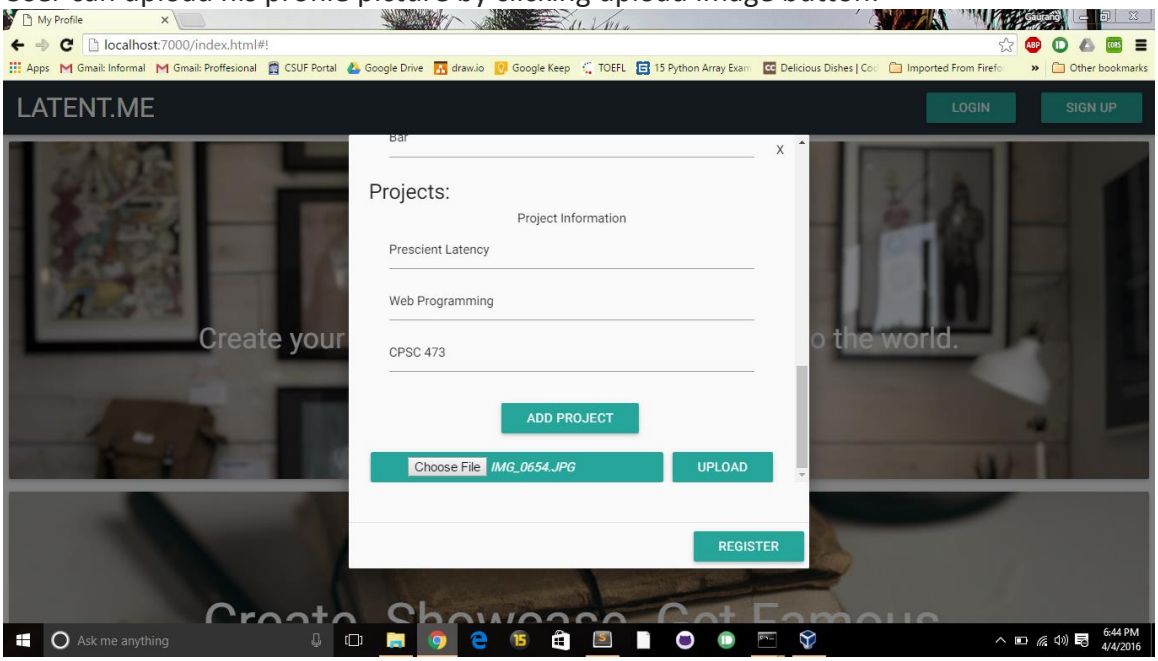
For the website, "Latent.me", there is an already registered account stored, which can be accessed by the following username and password:
Username:
Password:

1. **Sign-up**
   1.1 On clicking the signup button, the user is asked to provide all the details as shown below:



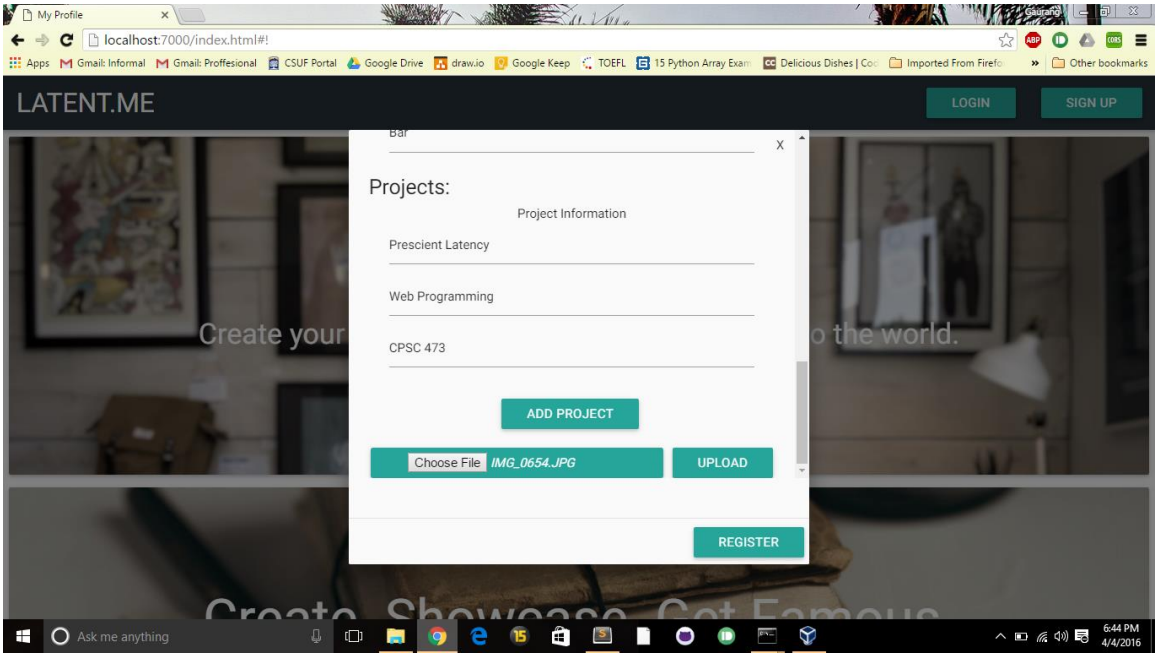


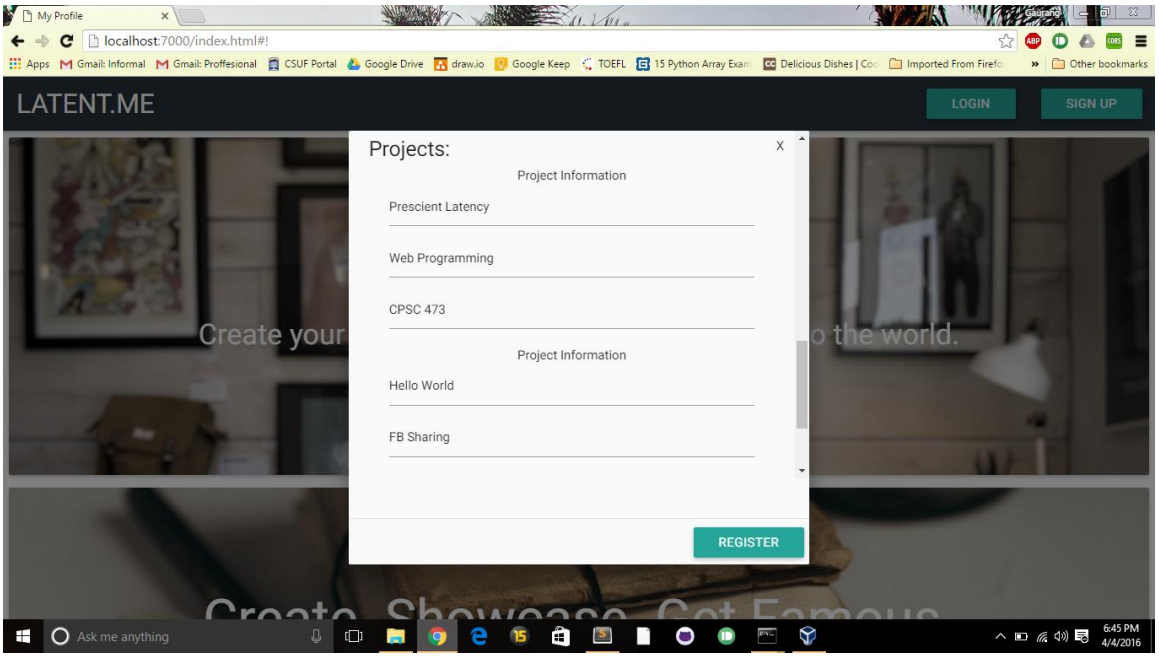
1.2 User can upload his profile picture by clicking upload image button:



The upload_image() function is called for uploading the image. We have used multer for uploading the images which is a node.js middleware for handling multipart/form-data, which is primarily used for uploading files.

1.3 During registration, the users can add multiple projects by clicking add project button, if required:

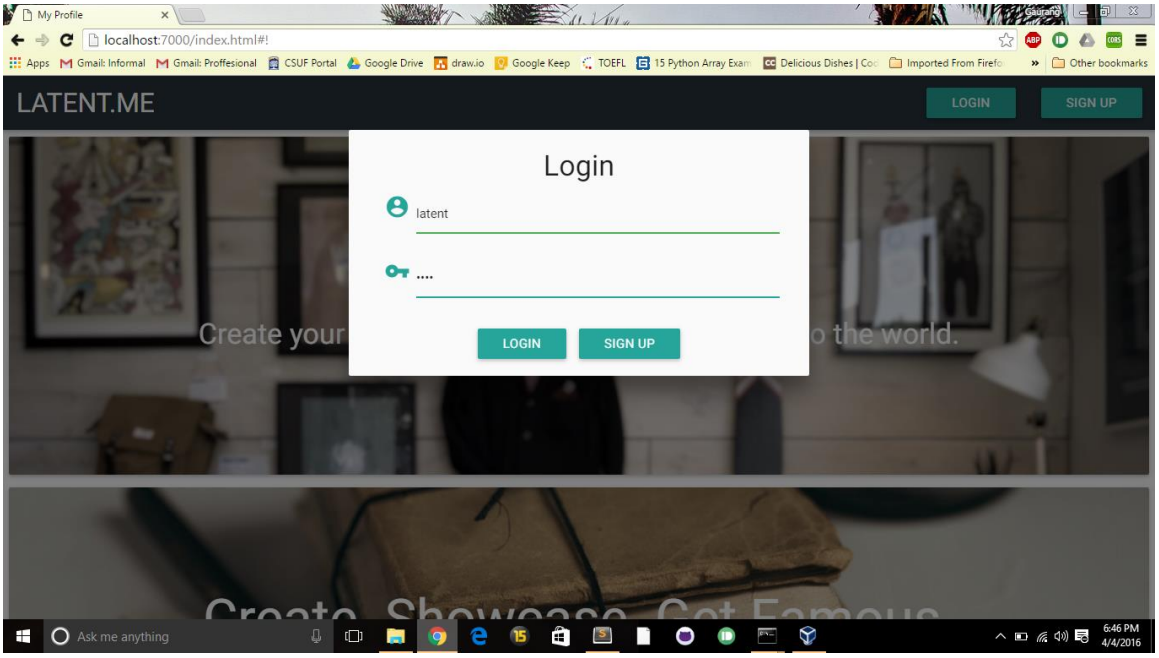




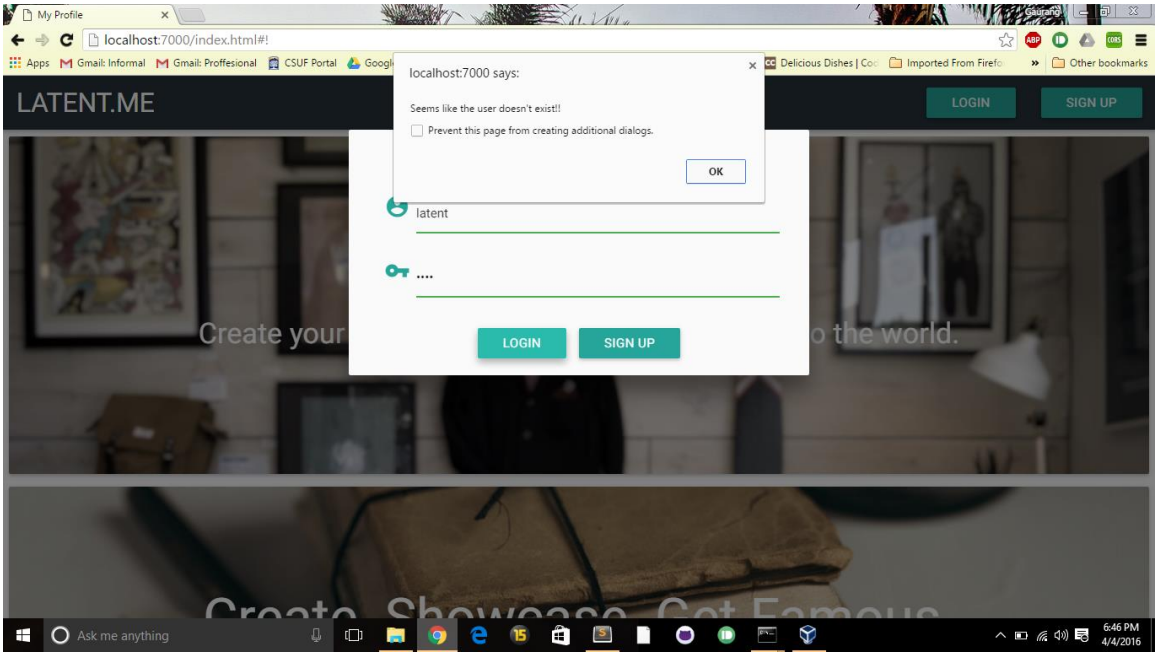
The function “adding_to_json()” posts all the data entered by user to the json server.

2. Log-in

2.1 By clicking the login button, the user will be redirected towards his profile page. The “getting_from_json()” function is called for retrieving the user data from json server.

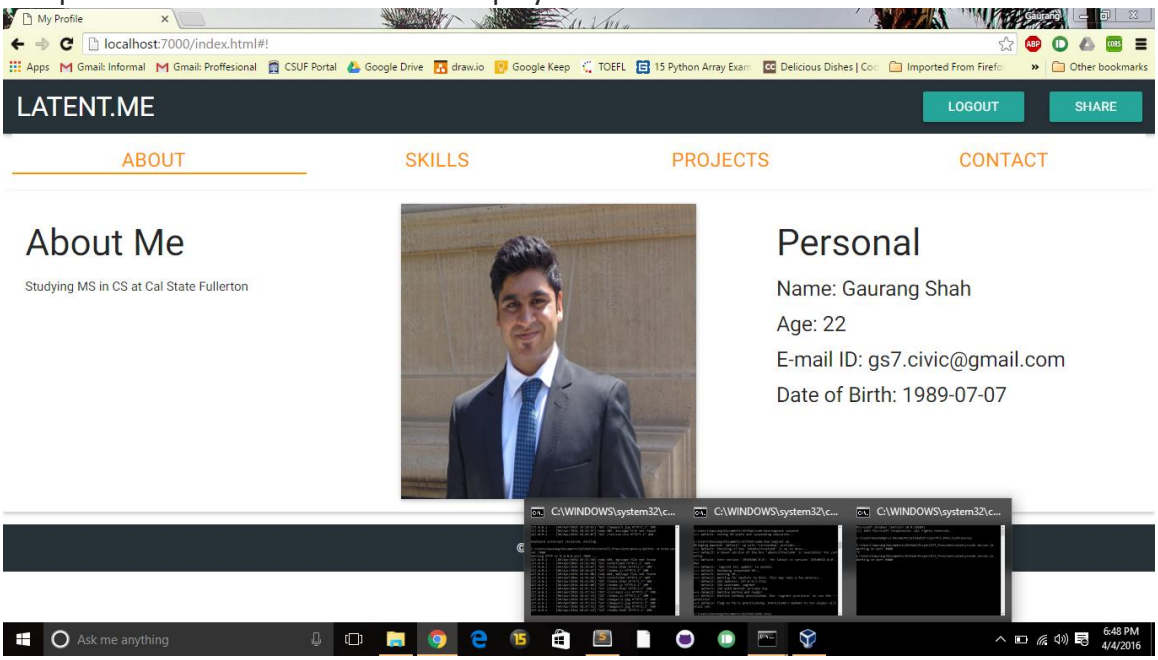


2.2 If the user has entered incorrect data, the error message is displayed as shown.



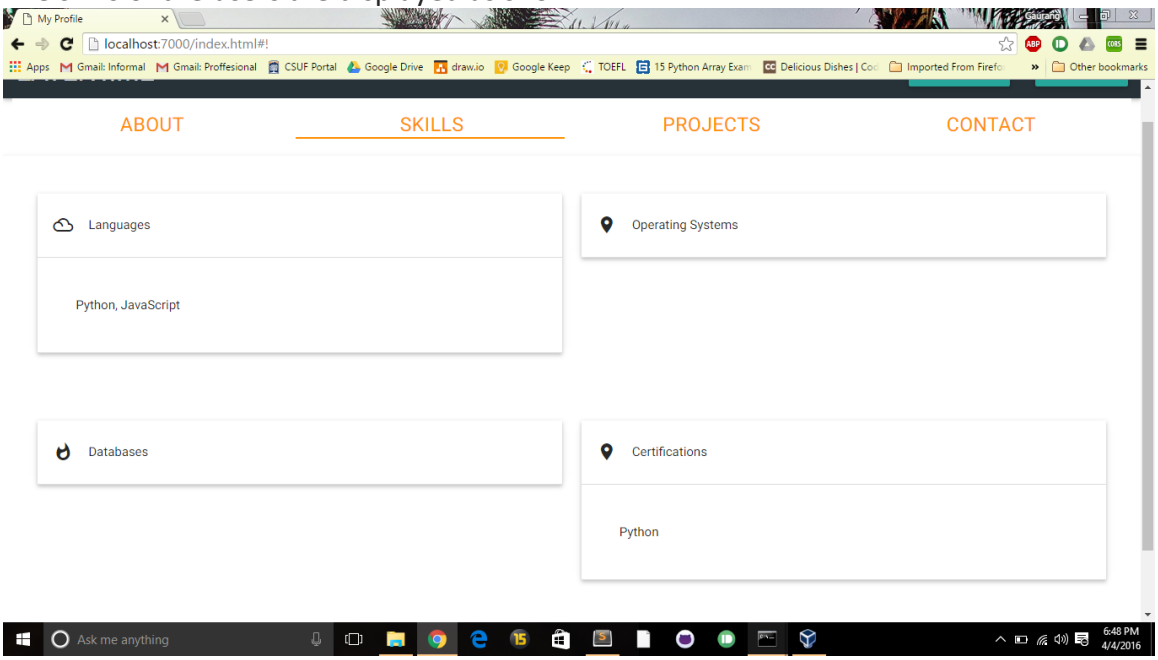
3. Display profile

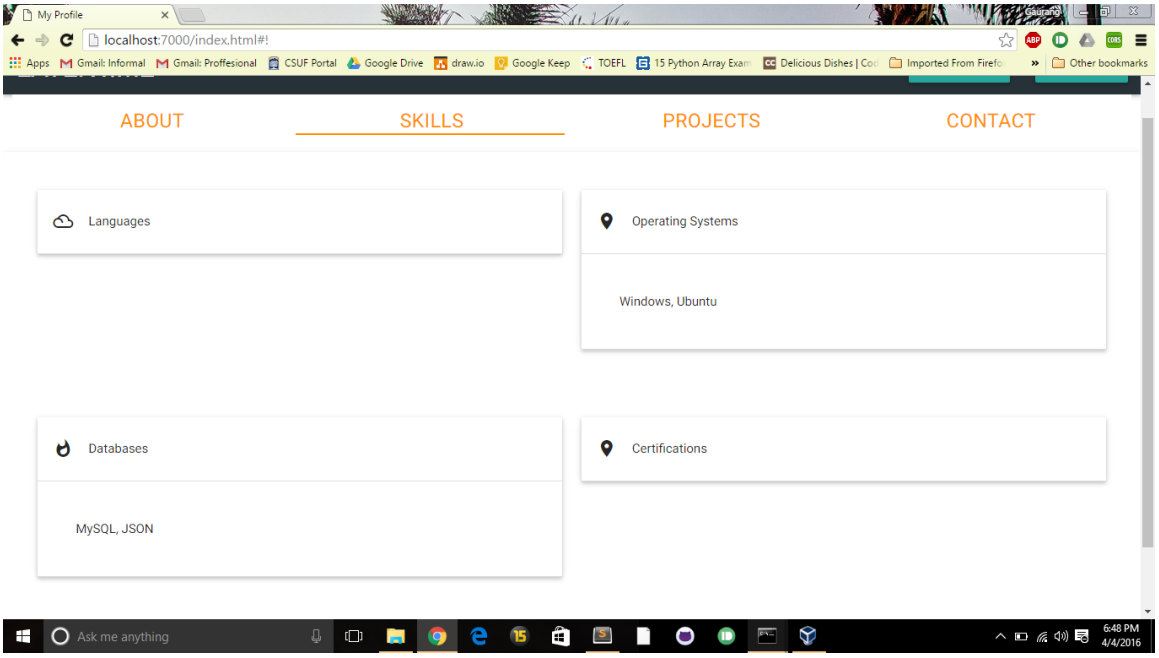
3.1 The personal details of the user as displayed as shown:



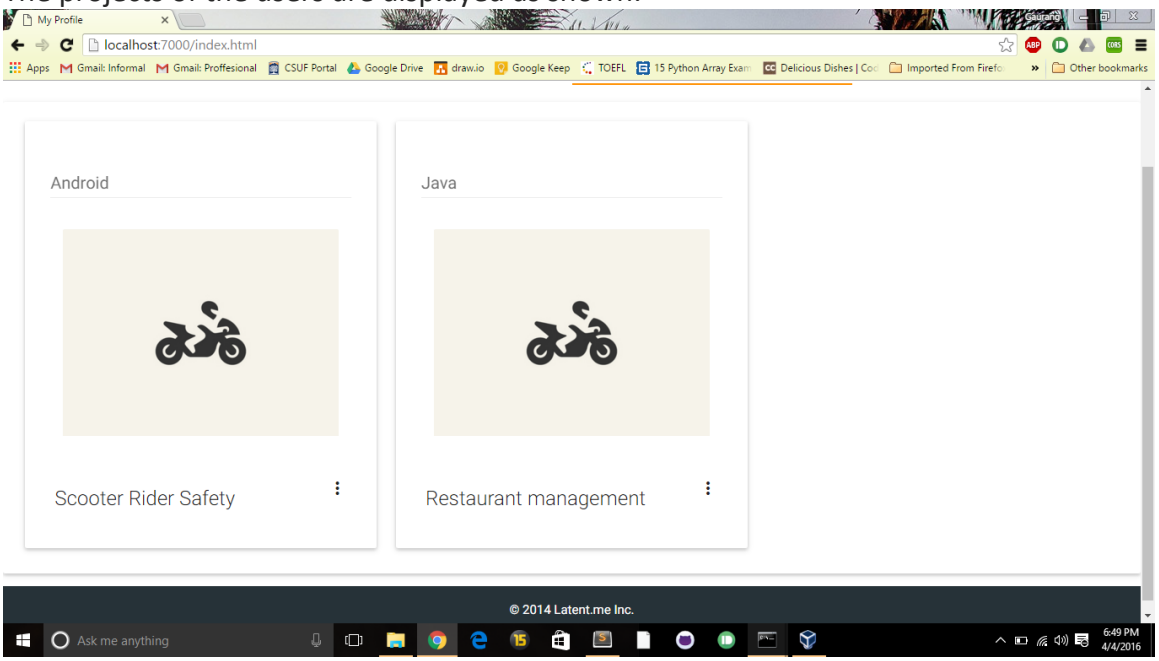
The showpage() function is used for displaying all user information.

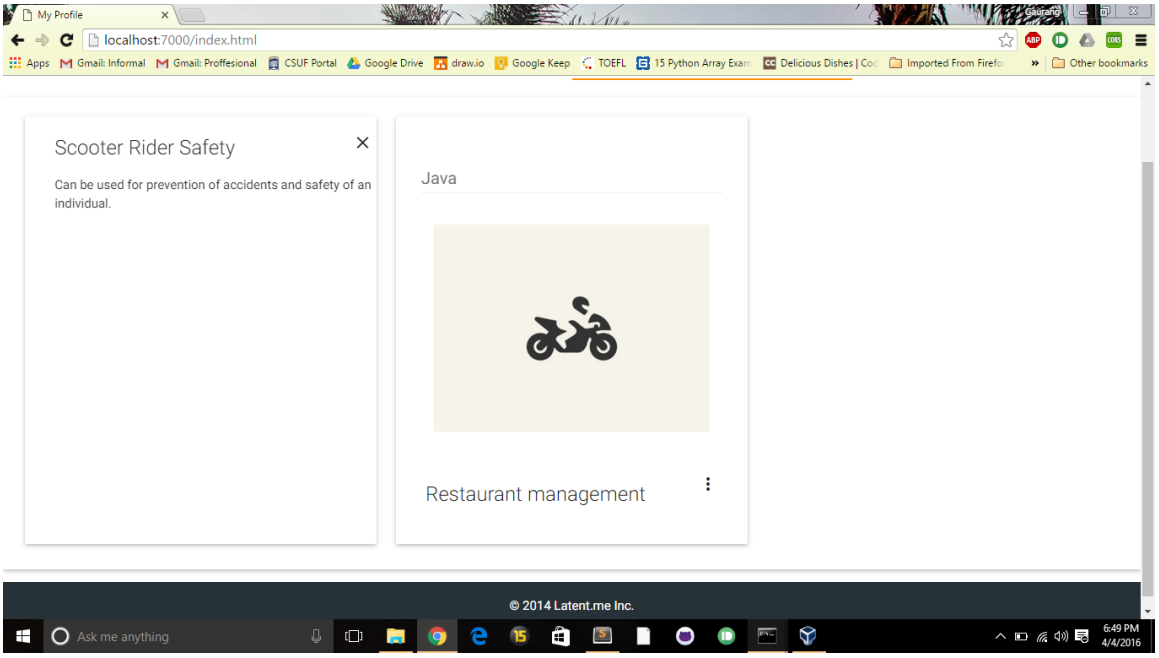
3.2 The skills of the users are displayed as shown:





3.3 The projects of the users are displayed as shown:




My Profile
localhost:7000/index.html
Scooter Rider Safety
Can be used for prevention of accidents and safety of an individual.
Java
Restaurant management
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Ask me anything
6:49 PM
4/4/2016