**SRS**

PURPOSE:

The purpose of the project is to write a program that would inform the employees about birthdays of other employees one day prior the birthday and would also send greetings to the employee on his birthday. Additionally, a chatting server would also be provided for the employee which can be used as their requirement.

SCOPE:

The project can be used in any organisation where the number of employees are much bigger and remembering information like birthday is difficult. Sending greetings on birthday is a great gesture to show the importance of the employee in the organisation. The chatting server can be used in any situation starting from sharing information about work during office hours and interact casually with other employees.

FUNCTION:

There are two major functions of the project

1. Sending Emails
2. Chatting Server

The employees would get an email automatically generated from the system. The email can be a greeting or notification to other employees about the birthday of their fellow co-worker .

The chatting function would allow all the employees to chat to each other.

ASSUMPTIONS AND CONSTRAINTS:

The constraint of the project is that the email being sent is in a fixed format and can’t be edited by the admin or the user.

The chat can be done only by one user at a time.

Also, the chat will only display last 4 messages of the conversation between the users.

The birthday notification email is now being sent when the user login as there is no cronjob for it.

SOFTWARE & HARDWARE REQUIREMENTS:

Software Requirement:

* Apache
* PHP
* MySql
* Xampp

Hardware Requirement:

* 512mb RAM
* IIS Server

MODULES:

1.Login Module:

The first page that is visible to the user is the login page. Here the user provides his credentials to login in the application. The credentials are matched with the details in the database and if they match the user is logged in. This module also checks if the person trying to login is Admin or just a normal user, and redirects to the dashboard accordingly.

If there is no record in the database it checks the config file to identify the admin and inserts its records in the database.

When the user signup or admin adds a new employee, he will be sent an email with a link where the user can set his password. Without this password the user won’t be able to login in the application.

2.Birthday Notification Module:

This module checks the birthday of the employee at the time of login. If it is his birthday the module will show a jumbotron wishing the employee for the same. Along with this an email for greetings will also be sent to the employee’s email address.

If there is birthday of an employee the next day , the module will send a notification to all the employees notifying for the same.

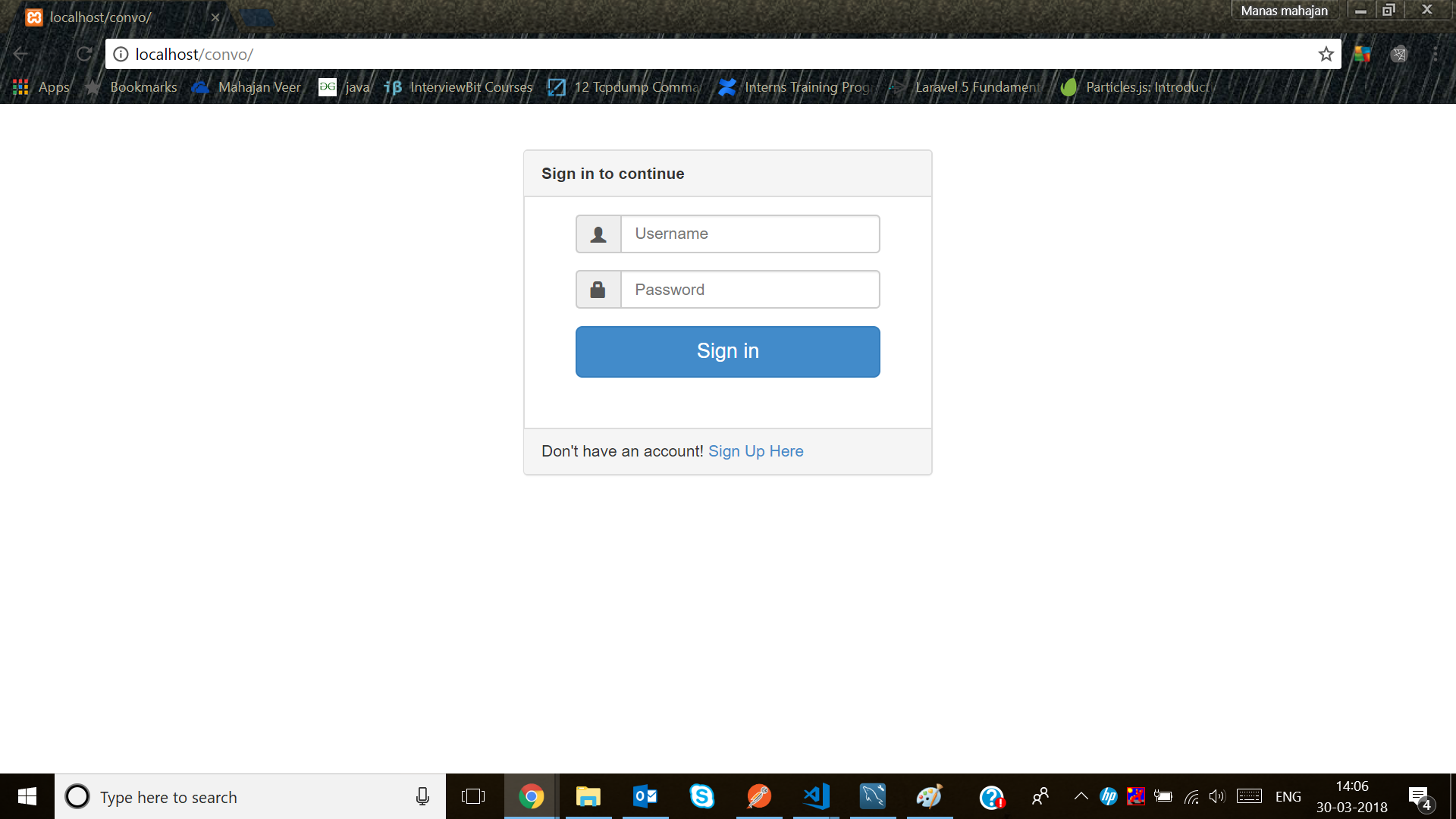
3.Chatting Module:

The logged in users can see the list of all employees, showing their online status. This helps the employees to chat with other workers.

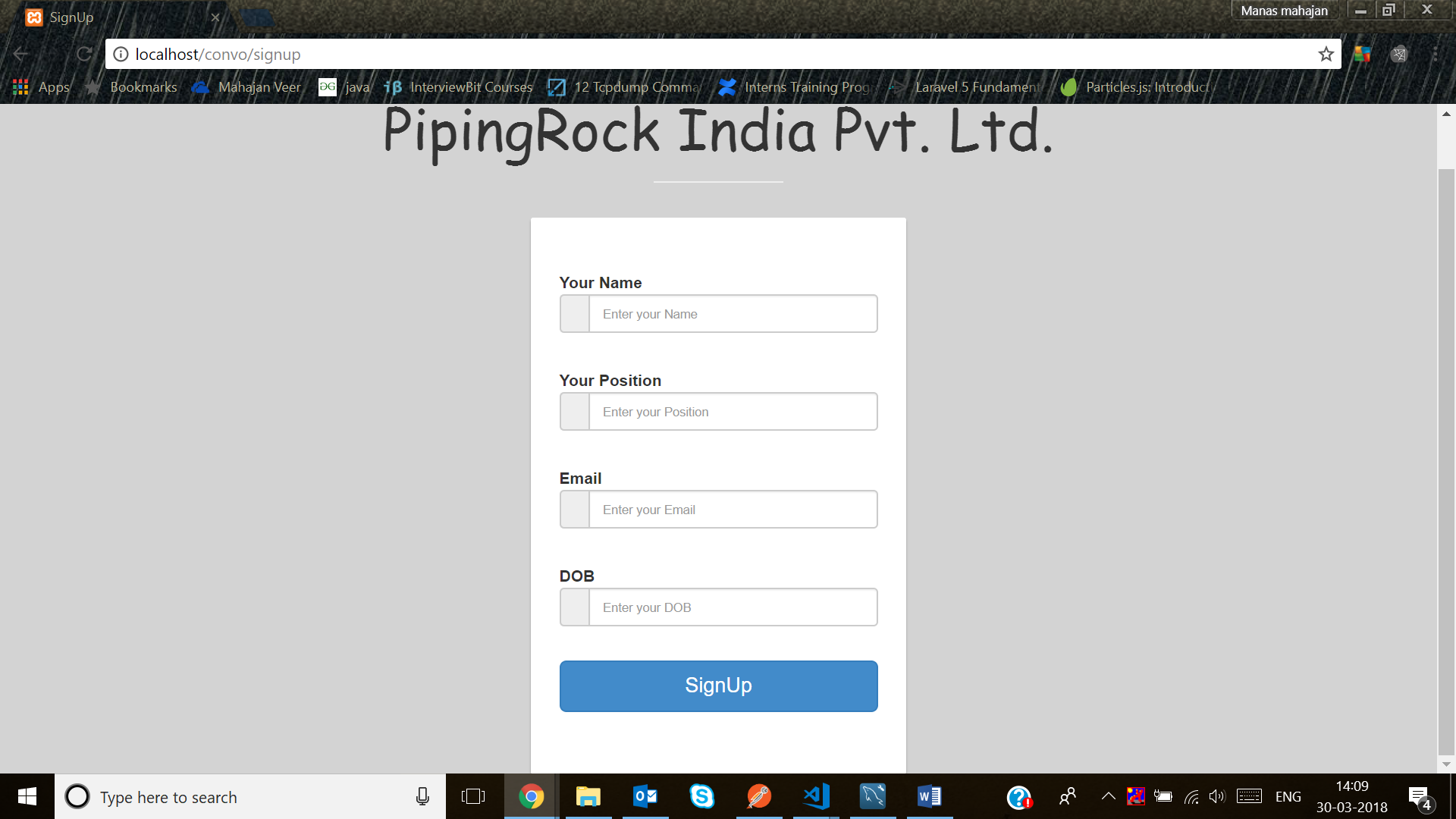
If the employee logs in and has messages while he was offline a badge shown next to the name of the person who has sent the message displaying the number of messages sent.

USER INTERFACE:

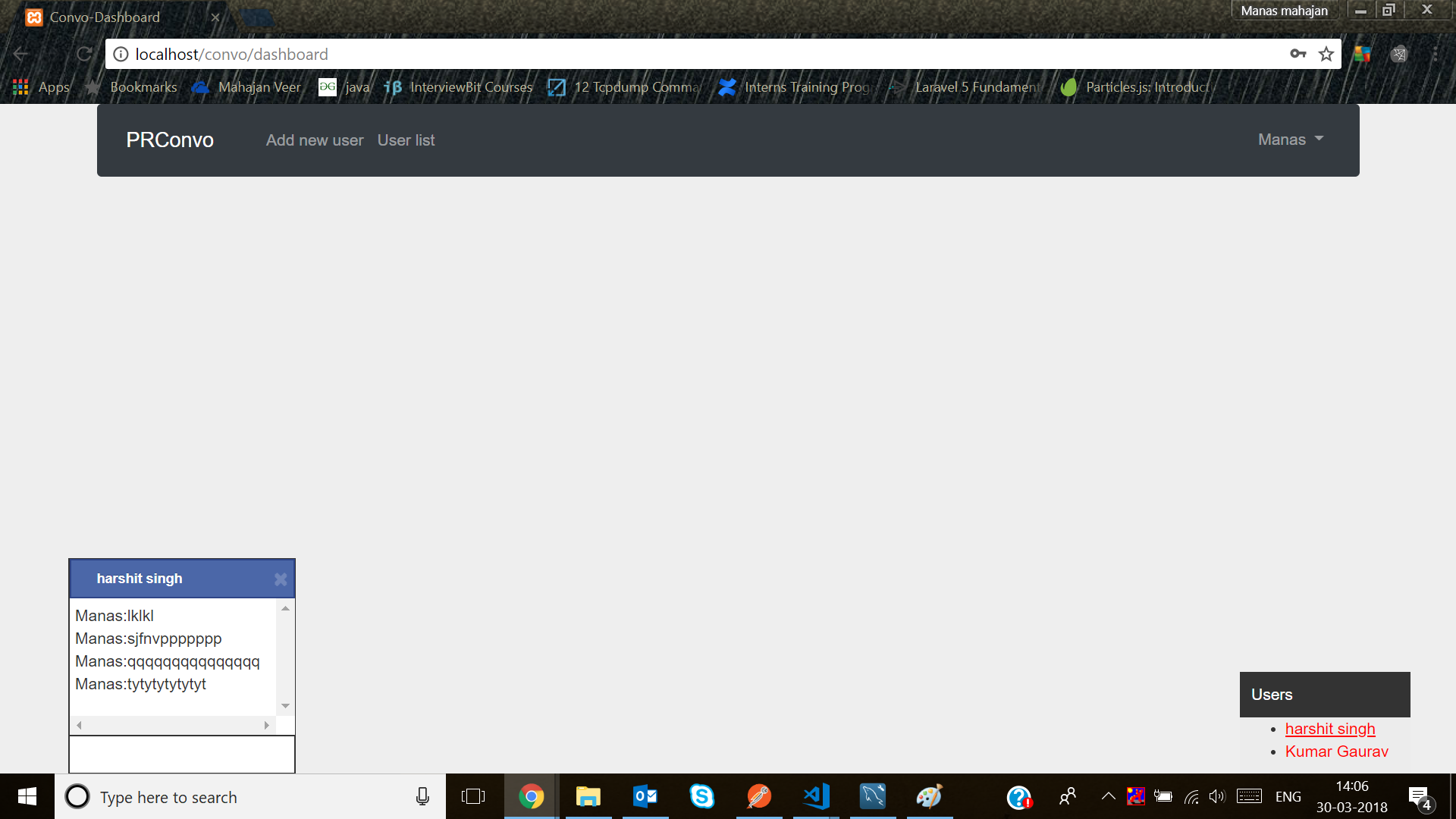
LOGIN PAGE:



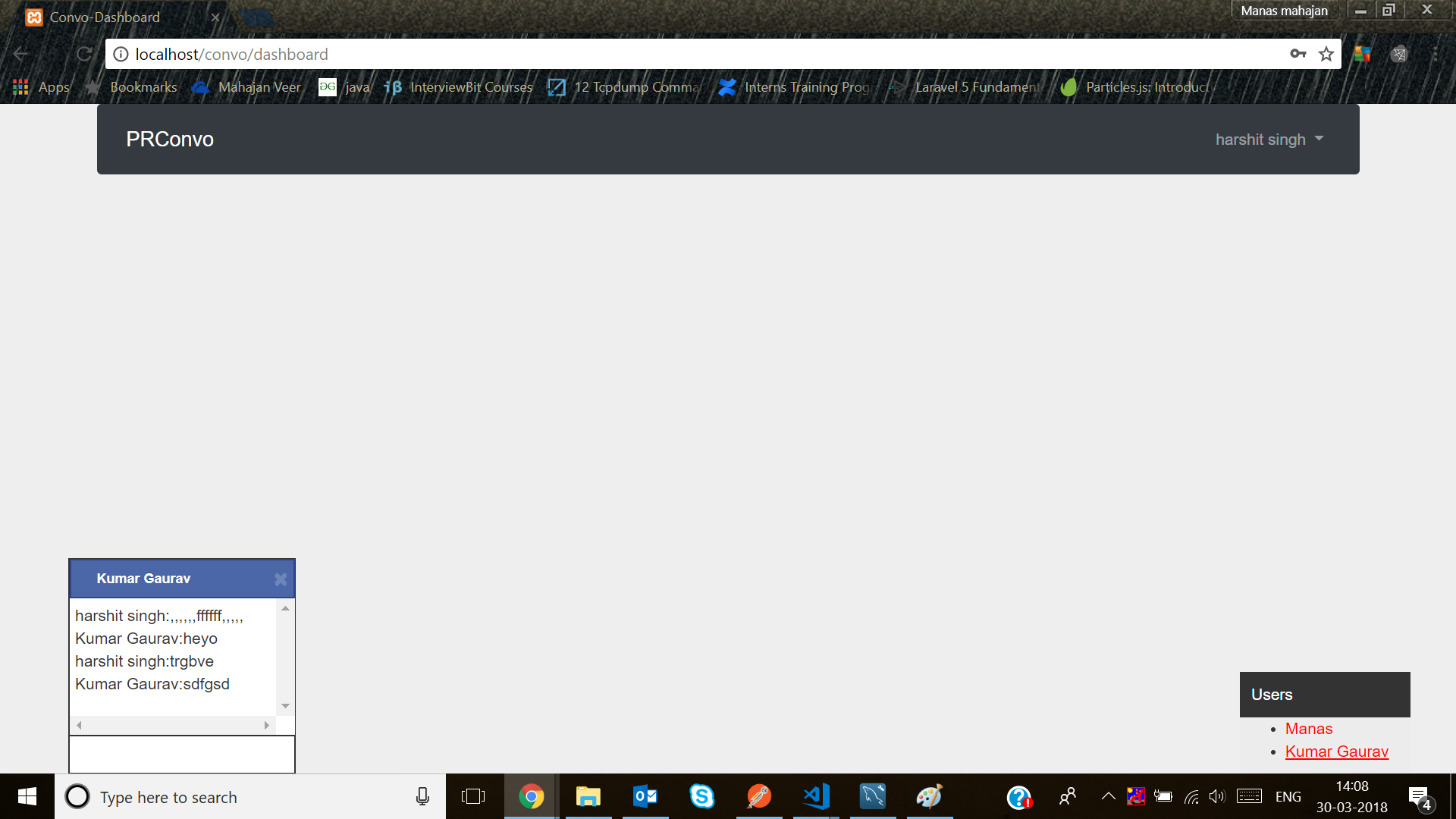
SIGN-UP PAGE:



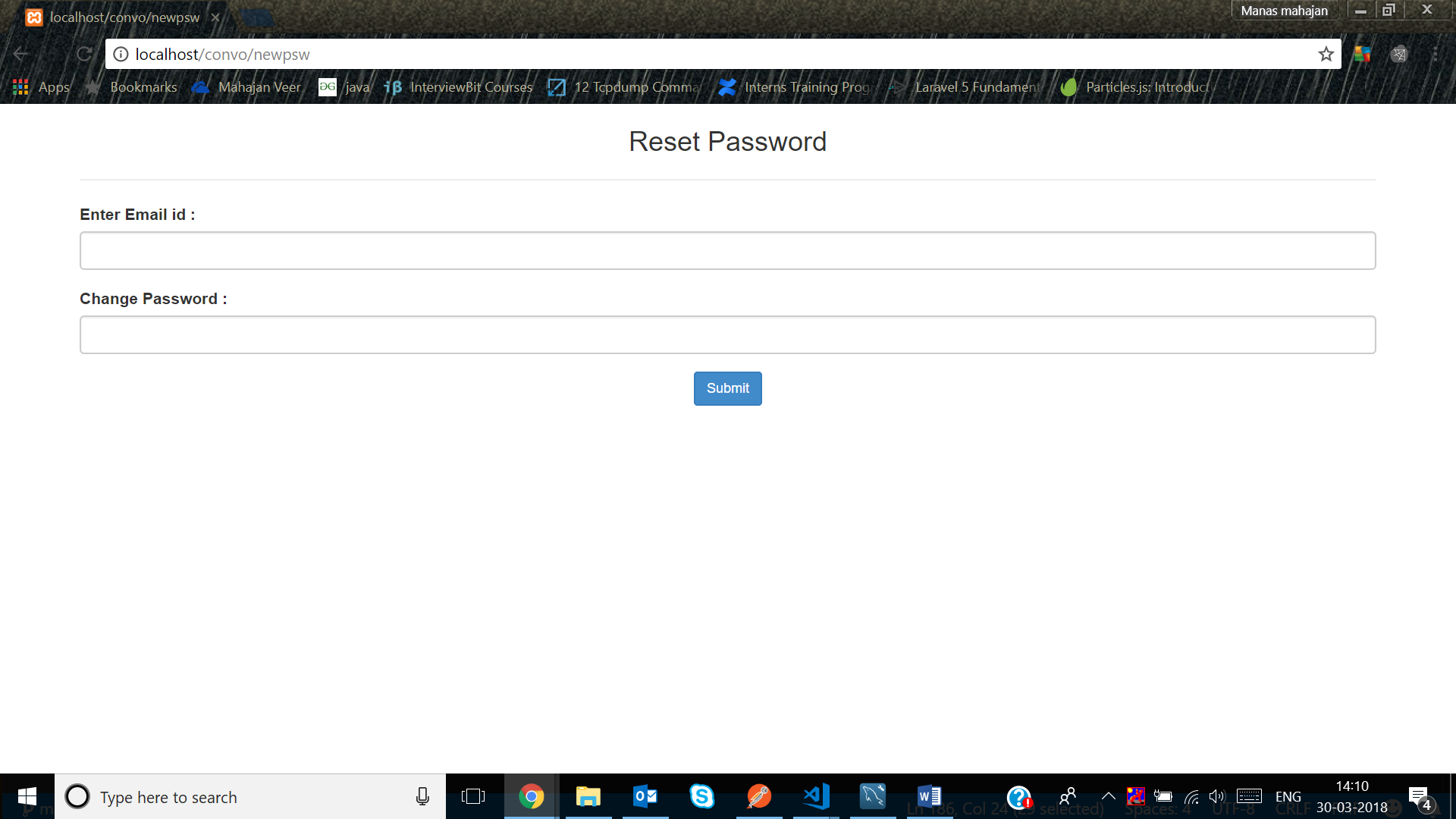
ADMIN DASHBOARD:



USER DASHBOARD:



PASSWORD SET/RESET:



PERFORMANCE & SAFETY REQUIREMENTS:

* The system should be able to send emails and messages to the receiver even he is not online.
* If there is any image or attachment in the email it should open on any system.
* The database should be maintained regularly and should not have any anomalies.
* Proper authentication should be checked when logging in the system.
* The message in chat should be displayed in chat box when it is sent.