

SSL PROJECT REPORT

-TEAM 21

Introduction:

The purpose of an automated payroll application is to keep track of the attendance as well as payroll (salary) of the employees in an organization. In such an organization, employees are constantly deployed on site at various client locations. Hence, the location of the employees needs to be tracked by the organization in order to calculate their attendance and payroll.

- Three are 3 accounts we will in these project namely admin,HR,user.

Admin account:

- The role of the admin is to add new employee by entering his personal details and provides the employee with employeeID and password to the user so that he can access the application.
- Admin can view the GPS location of the employee by entering Employee Identity Number as well as Date. (Use Google maps to display the various locations of an employee)
- The admin account shows the number and names of employees registered in the company.
- On clicking on the name of the employee the admin can know the location details of the employee on the map as well as can calculate the salary of the employee. Moreover, the admin can also change the password of the employee by clicking the reset password button.
- The admin can add HR by clicking 'add hr' button. Then it will update in ht tablets the username added to table
- By clicking Filter button we can search employees and Hr name to know their attendance.

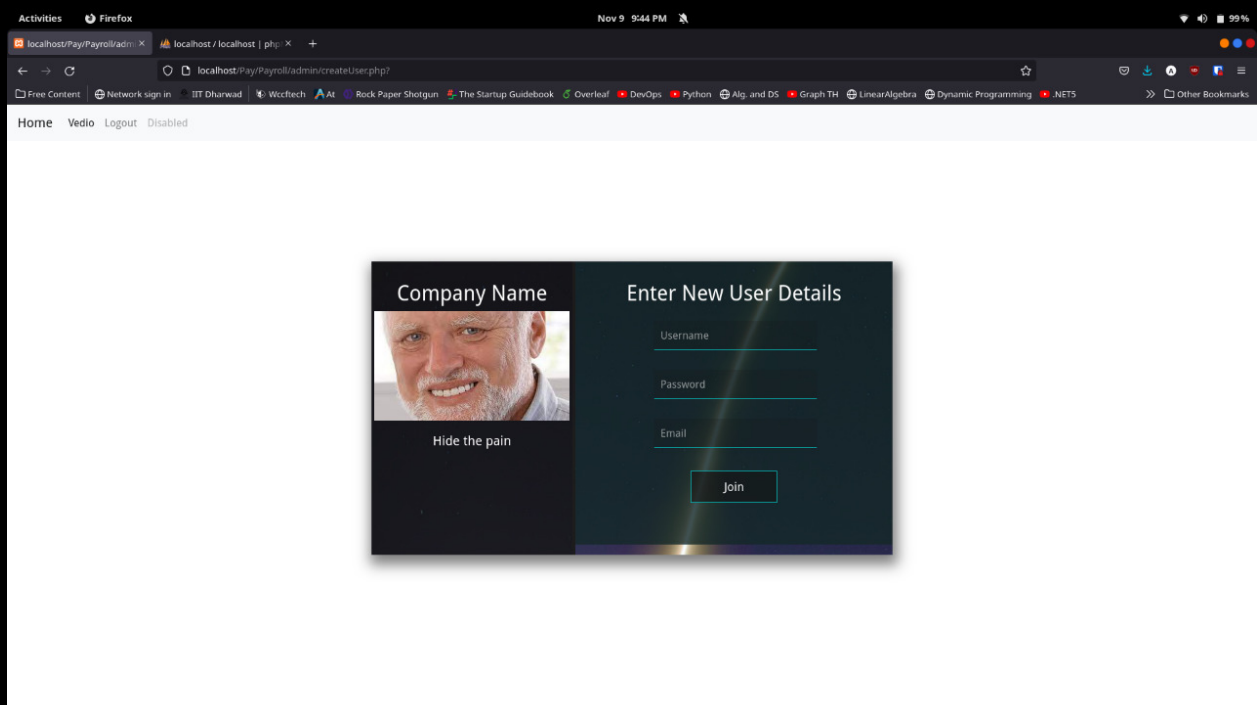
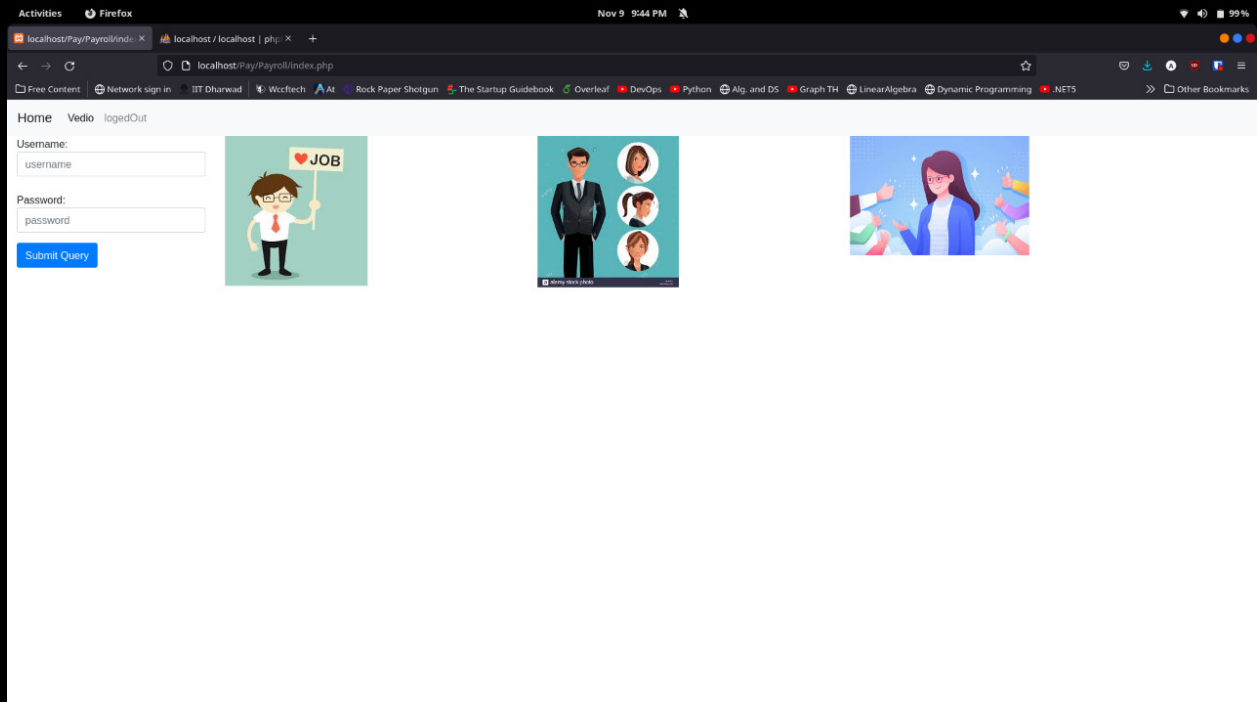
H R account:

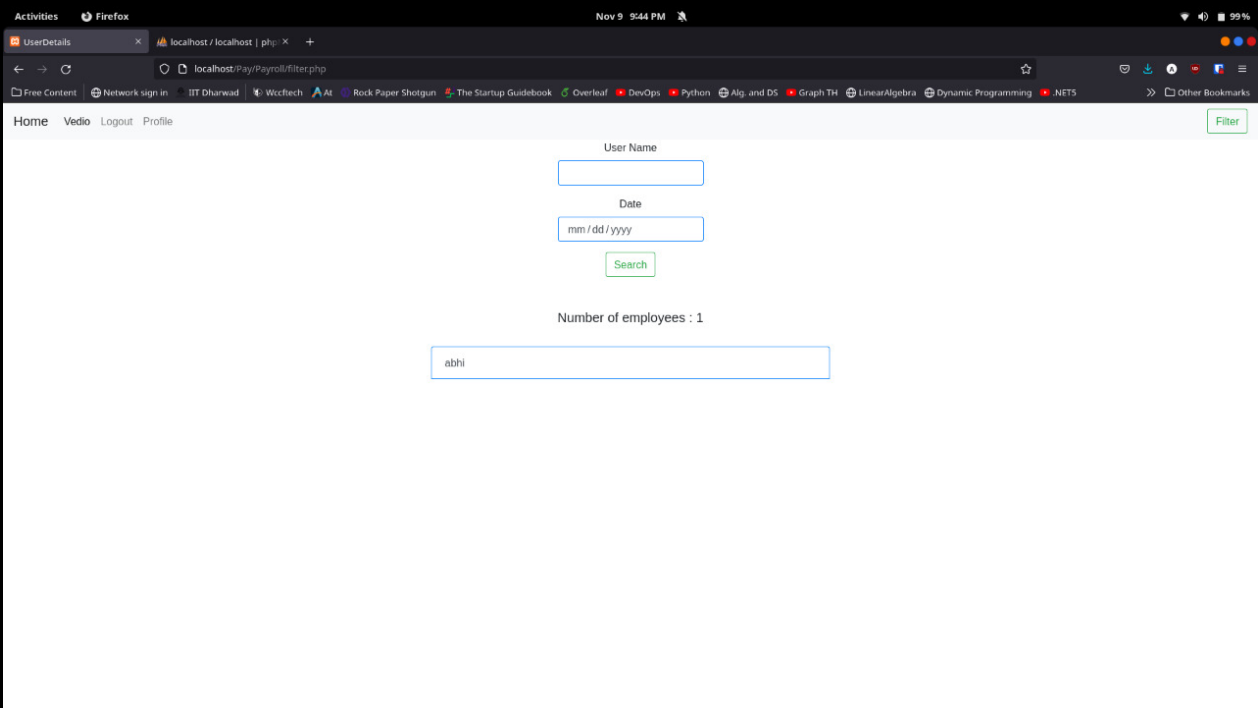
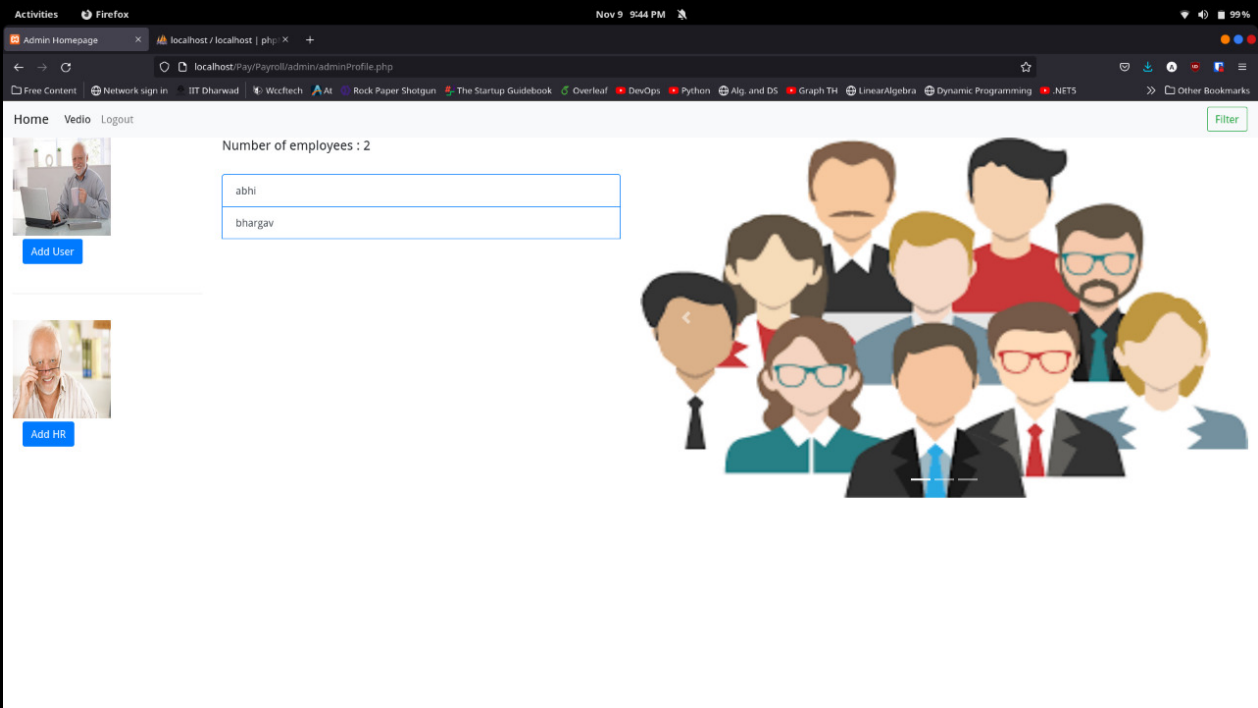
- When the HR login to the system he can check the GPS location of the employee by entering employee ID and date.
- HR can check salary of the particular employee by entering employee ID and date.
- HR can also view the login images of the employees.
- HR can alter the salary rate of the employee and he/she can add new salary rate

Employee account:

- As soon as the employee logs in his/her image is taken. The address where the login image is stored, is then stored in employee's username table.
- The user will login to the system and his image will be captured along with his GPS location and all the information will be sent to the admin where admin will view image and GPS location.
- Once logged in, the GPS location of the employee will be tracked automatically by the system and sent to the admin after every 10 seconds. For tracking GPS location, you may opt for using available GPS libraries in your implementation.

Some images:

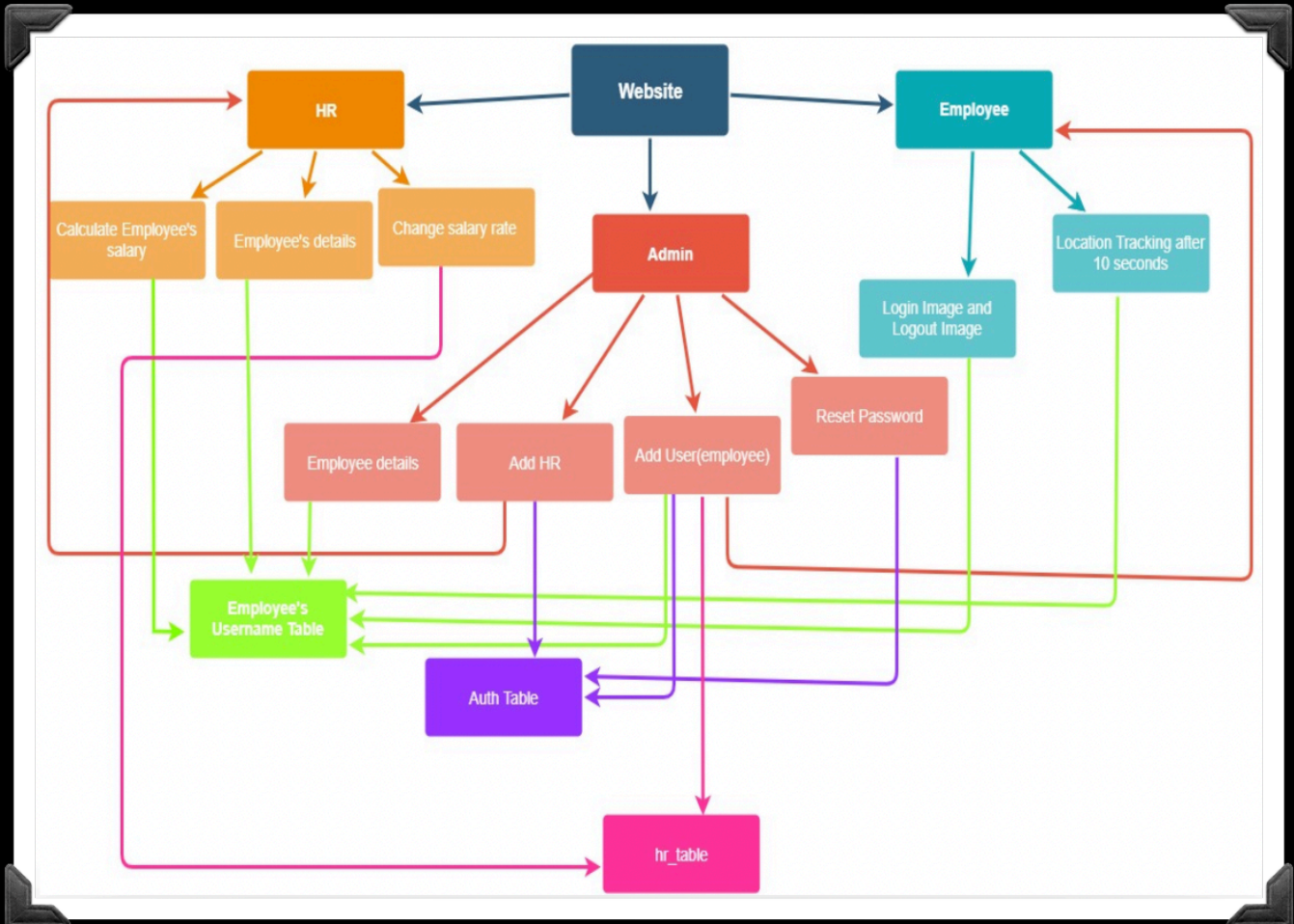




Tools/Languages used:

- HTML5 Geolocation API (For location coordinates)
- HTML5 Gestusermedia API (For image capture)
- Frontend: HTML,Bootstrap 4
- Backend : PHP,MySQL

Whole project outline:



Work Distribution:

- Chirumamilla Bhargav-User work, admin work,index work,Frontend.
- cheedrala jaswanth - Bootsrap,css.
- Abhishek Josyula - Admin work(both frontend and backend)