School of Computer Science and Engineering

J COMPONENT REPORT

Programme: BTech-Computer Science and Engineering

Course Title: Internet and Web Programming

Course Code: CSE3002 [WINTER 2021-2022]

Slot: F2

Title:

VEPON – VIT'S PERSONALIZED PLACEMENT PORTAL

Team Members:

- Hrishi Raghunathan– 19BPS1123
- Mandla Sheshi Kiran Reddy 20BAI1061

Faculty: Dr. L.M. Jenila Livingston

Sign:

Date: 29/04/2022

ACKNOWLEDGMENT:

We as a team are very grateful and is a great pleasure to undertake this project as a J component for CSE3002 subject which is entitled – "VEPON-VIT'S PERSONALIZED PLACEMENT PORTAL"

We are very grateful to our faculty member Dr. L.M. Jenila Livingston. This project would not have been possible without her enormous help and worthy guidance whenever it is needed. Her support and suggestions proved valuable in enabling the successful completion of the project.

-TEAM MEMBERS

Mandla Sheshi Kiran Reddy-20BAI1061

Hrishi Raghunathan-19BPS1123

CONTENTS

1. Abstract

2. Introduction

3. Project Motive

4. System Design (ER Diagram, System Diagram)

5. Methodology with modules

6. System Specification
   - Hardware requirement
   - Software requirement

7. Results (With Screenshot)

8. Conclusion

9. References

Abstract

Campus Recruitment or Campus Placement is the most popular method for selecting candidates from an organization. The term Campus Recruitment refers to the system where various organizations visit to the college (campuses) to recruit bright talent. Students, who are keen on beginning their professional career as soon as they finish studies, find the opportunity knocking at their doors. They can thus get the training and acquire professional skills immediately after college. This is a very good opportunity to enter the job market as entry otherwise becomes difficult. Educational institutions have realized that there is lot gap between market demands and student academic knowledge. Possible interventions in early stage of student academics with changes in curriculum has started but still getting right skillset of people to help them design is a big challenge especially. Hence, the companies need to spend more time and effort to improve the skill sets in hiring the perfect talent for their organizations to be the best in the market. Campus Recruitment or Campus Placement is the most popular method for selecting candidates from an organization. In Campus Recruitment, Companies / Corporate visit Technical and Professional Institutes and hire young intelligent and smart students who are eligible for the said job profile. The eligibility criteria differs from company to company. The most significant fact about Campus Recruitment is that instead of the job seekers approaching employers, the employers come to the most suitable prospective candidate with a job offer and that being the campuses which has the immediate source. A Placement Officer is hired by the institute who coordinates with small, medium and large sized Companies and helps in streamlining the entire Campus Recruitment procedure. The term Campus Recruitment refers to the system where various organizations visit to the college (campuses) to recruit bright talent. Students, who are keen on beginning their professional career as soon as they finish studies, find the opportunity knocking at their

doors. They can thus get the training and acquire professional skills immediately after college. This is a very good opportunity to enter the job market as entry otherwise becomes difficult. Companies have been using a variety of methods to employ and select personnel to work for them and Campus Recruitment is one of the newest methods used by most Companies today.

Introduction

The campus recruitment which was slow previously is now in a full swing from the past 3-4 years. The quality of students who qualify out of engineering and other educational institutions are not reaching the required criteria of the company's requisites. The major educational institutions are now working to reduce the gap between what the market demands compared to the knowledge level of the students. There are some challenges faced by IT sector in Campus recruitment.

Most of the Campus Recruitment drives have a fixed pattern. Companies visit colleges with a small team that does all the hiring. Now since the staff is outnumbered by the high number of applicants, it poses a lot of problems in managing the whole drive. Candidate engagement is a big challenge and sometimes few candidates miss to be properly notified by the company about the further process.

All this makes the process extremely slow, inefficient, and complicated.

Project Motive

Our website which we created is to be maintained by the institutions and the website makes the placement process easy. An institution like, VIT which has nearly more than 10000 students applying for placements is hectic process and also an important process as it's the placements. So, we created the website which is VIT'S personalized placement portal which will be a medium of communication between the college management, faculty, the companies and the students. The website will be a medium between the companies, faculty (college management), companies and also companies can send the notifications or important messages/notifications regarding exams, interviews to the students and also to the faculty.

This will be reducing the tension and the workload for the college management, students and also the companies as there now avail to the medium of communication.
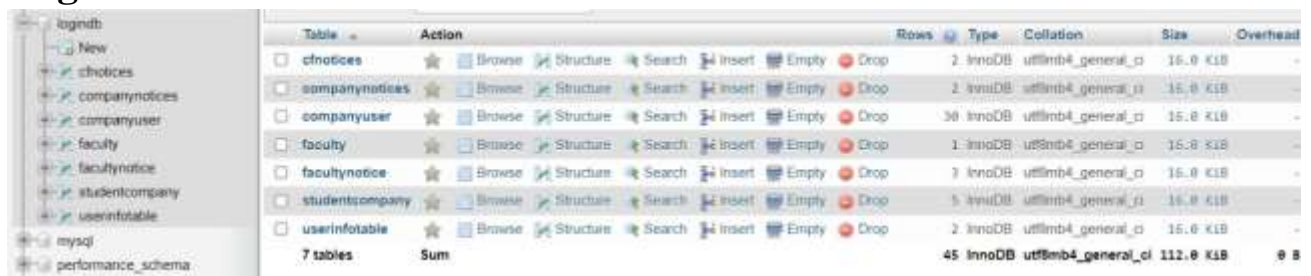
This is our project motive to create the placement portal for the VIT institution.

Architectural Diagram

Database Details:
LoginDB:

Schema Details:

1. userinfotable (stores the details of the students):

2. studentcompany (stores the details of the students & applied companies):

studentn	companyname
20BAI1061	amazon
19BCE1111	amazon
20BAI1061	vedantu
20BAI1061	jio
20BAI1061	oracle

3. facultynotice (stores the notifications from faculty to the students):

date	faculty	notice
2022-04-18	Jagadeesh	hi students
2022-04-30	Jenila	Please prepare well for Round-1(Amazon)
2022-04-30	Jenila	tomorrow you have round-1 exam

4. faculty (stores the details of the faculties):

username	password	fullname	email	dob
Jenila	Jenila123	Jenila Livingston	Jenila@gmail.com	1975-07-17

5. companyuser (stores the details of the companies):

+ Options

				username	password
☐	✏ Edit	┋ Copy	⊝ Delete	absolutdata	absolutdata20042020
☐	✏ Edit	┋ Copy	⊝ Delete	allgo	allgo20042020
☐	✏ Edit	┋ Copy	⊝ Delete	amazon	amazon20042020
☐	✏ Edit	┋ Copy	⊝ Delete	american	american20042020
☐	✏ Edit	┋ Copy	⊝ Delete	apple	apple20042020
☐	✏ Edit	┋ Copy	⊝ Delete	avaali	avaali20042020
☐	✏ Edit	┋ Copy	⊝ Delete	bankbazaar	bankbazaar20042020
☐	✏ Edit	┋ Copy	⊝ Delete	boston	boston20042020
☐	✏ Edit	┋ Copy	⊝ Delete	broadridge	broadridge20042020
☐	✏ Edit	┋ Copy	⊝ Delete	buddihealth	buddihealth20042020
☐	✏ Edit	┋ Copy	⊝ Delete	careers	careers20042020
☐	✏ Edit	┋ Copy	⊝ Delete	electronic	electronic20042020
☐	✏ Edit	┋ Copy	⊝ Delete	genesisgroup	genesisgroup20042020
☐	✏ Edit	┋ Copy	⊝ Delete	jio	jio20042020
☐	✏ Edit	┋ Copy	⊝ Delete	kaliburr	kaliburr20042020
☐	✏ Edit	┋ Copy	⊝ Delete	kestle	kestle20042020
☐	✏ Edit	┋ Copy	⊝ Delete	klatencor	klatencor20042020
☐	✏ Edit	┋ Copy	⊝ Delete	lttechnology	lttechnology20042020
☐	✏ Edit	┋ Copy	⊝ Delete	microchip	microchip20042020
☐	✏ Edit	┋ Copy	⊝ Delete	nexteducation	nexteducation20042020
☐	✏ Edit	┋ Copy	⊝ Delete	oppo	oppo20042020
☐	✏ Edit	┋ Copy	⊝ Delete	oracle	oracle20042020
☐	✏ Edit	┋ Copy	⊝ Delete	schlumberger	schlumberger20042020
☐	✏ Edit	┋ Copy	⊝ Delete	techno	techno20042020
☐	✏ Edit	┋ Copy	⊝ Delete	tolaram	tolaram20042020

↑ ☐ Check all   With selected: ✏ Edit   ┋ Copy   ⊝ Delete   ⬛ Export

■ Console

6. companynotices(stores the notifications from company to the students):

+ Options

date	companyname	companynotice
2022-04-29	amazon	tomorrow you have round-1 exam
2022-04-30	amazon	Dear student, please check the mail for round-1 de...

7. cfnotices(stores the notifications from company to the faculty):

+ Options

date	company	companynotices
2022-04-30	amazon	Dear professor, please check the mail for the list...
2022-04-30	amazon	Dear professor, please check the mail for the list...

Methodology

Detailed Description of the project:

This plan is only according to the VIT curriculum:

1. The students register in the website and the details will be verified.
2. They will be having the username and password to login into the websites.
3. There are 3 login pages which are for students, faculty/college management and also for the companies.
4. So, after the student's login into the webpage they will be directed to the page which the companies available for him to apply along with the last dates to apply, and also the required cgpa to apply for the company. He also has the page which will be having the student profile. He also has the option of notifications where he will be viewing the messages from the faculty or the company. He also option to view the companies to which he applied.
5. The student can view the companies which are classified according to the super dream, dream & regular companies.
6.

3G	4G	5G
Regular Companies	Dream-Companies	Super-Dream Companies
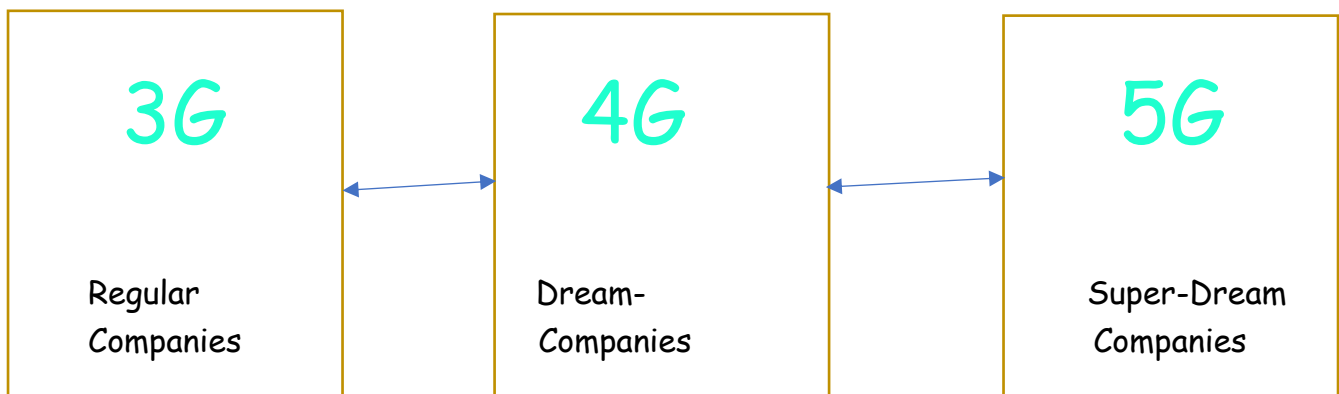
7. There will be also a company drivers page where there will be the slide show of the companies which are divided into super dream, dream & regular companies and they can visit the links by pressing on the images if they have any doubts.

8. We also made the change password available to the students, faculty and also the companies.

9. There is also the forgot password option in the login page for the students.

10. There is also the faculty login where the faculty will be logging in and will be directed to the page where he can see the students under his/her.

11. They can view the notifications from the campus and they can send the notifications to the students by selecting the date.

12. The next login page is for the companies where he will be logging in to the page.

13. They can see the students registered under the company.

14. They can send the notifications to the students and the faculty regarding the tests and announcements and also about the students who got selected etc.

15. In this we provided the three interfaces for the students, faculty and the companies.

16. We also have the help which contains all the details of the companies and respective links.

17. In this way we implemented the methodology of the project and achieved our goal of becoming a placement portal by becoming the medium between the students, college management/faculty and the companies.

Modules:

HOME PAGE (FRONT END):

1. STUDENT LOGIN:
    a. REGISTER
    b. FORGOT PASSWORD
    c. LOGIN:
        i. AVAILABLE COMPANIES
        ii. APPLIED COMPANIES
        iii. STUDENT PROFILE
        iv. NOTIFICATIONS:
            a. FACULTY NOTIFICATIONS
            b. COMPANY NOTIFICATIONS
        v. COMPANY DRIVIERS PAGE
        vi. CHANGE PASSWORD
        vii. SIGN OUT
        viii. HOME PAGE

2. FACULTY LOGIN:
        i. FORGOT PASSWORD
        ii. LOGIN:
            a. STUDENTS DETAILS
            b. ANNOUNCEMENTS TO STUDENTS
            c. NOTIFICATIONS FROM COMPANIES
            d. COMPANY DRIVERS PAGE
            e. FACULTY PROFILE
            f. CHANGE PASSWORD
            g. SIGNOUT
            h. HOME PAGE

3. COMPANY/PLACEMENT LOGIN:
   i. FORGOT PASSWORD
   ii. LOGIN:
       a) STUDENTS DATA
       b) STUDENTS NOTIFICATION(SEND)
       c) CAMPUS NOTIFICATIONS(SEND)
       d) COMPANY DRIVERS PAGE
       e) CHANGE PASSWORD
       f) SIGN OUT
       g) HOME PAGE

4. COMPANY DRIVERS PAGE:
   i. REGULAR COMPANIES
   ii. DREAM COMPANIES
   iii. SUPER DREAM COMPANIES
   iv. STUDENT LOGIN
   v. FACULTY LOGIN
   vi. HOME PAGE
5. HELP PAGE:
   i. INFORMATION PAGE

System Notifications

Hardware Requirement for the project:

Most current computers and laptops have high enough specifications to be used to create a website. The most important specification to check on the computer would be the size of the RAM, which should be over 2GB, though more is better

Software Requirement for the project:

We need the compilers which can execute the PHP codes and also the JAVASCRIPT, HTML and the CSS.

We also need to install the XAMPP which is useful for running the APACHE and the MYSQL database for storing the details.

Results

SCREENSHOTS:

1. GRAPHIC PAGE INTRODUCTION VEPON:
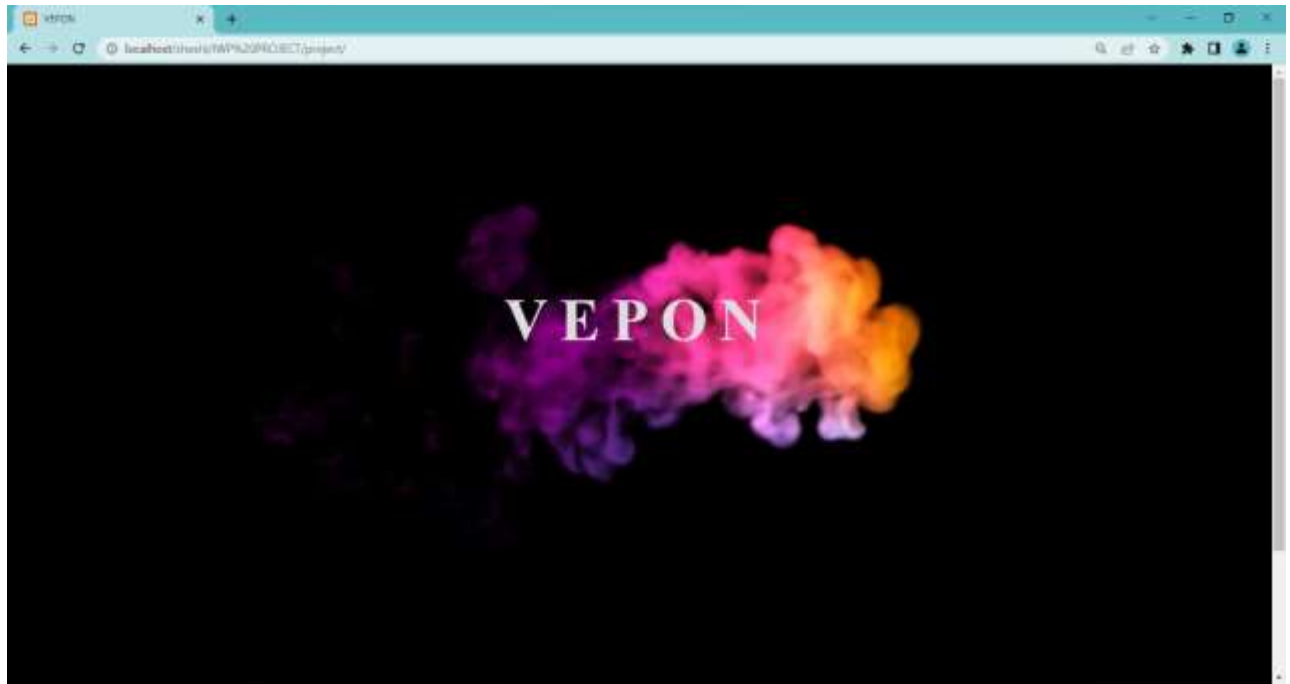
2. HOME PAGE VEPON:

3. COMPANY DRIVERS SUPER DREAM COMPANY'S PAGE:

4. COMPANY DRIVERS DREAM COMPANY'S PAGE:
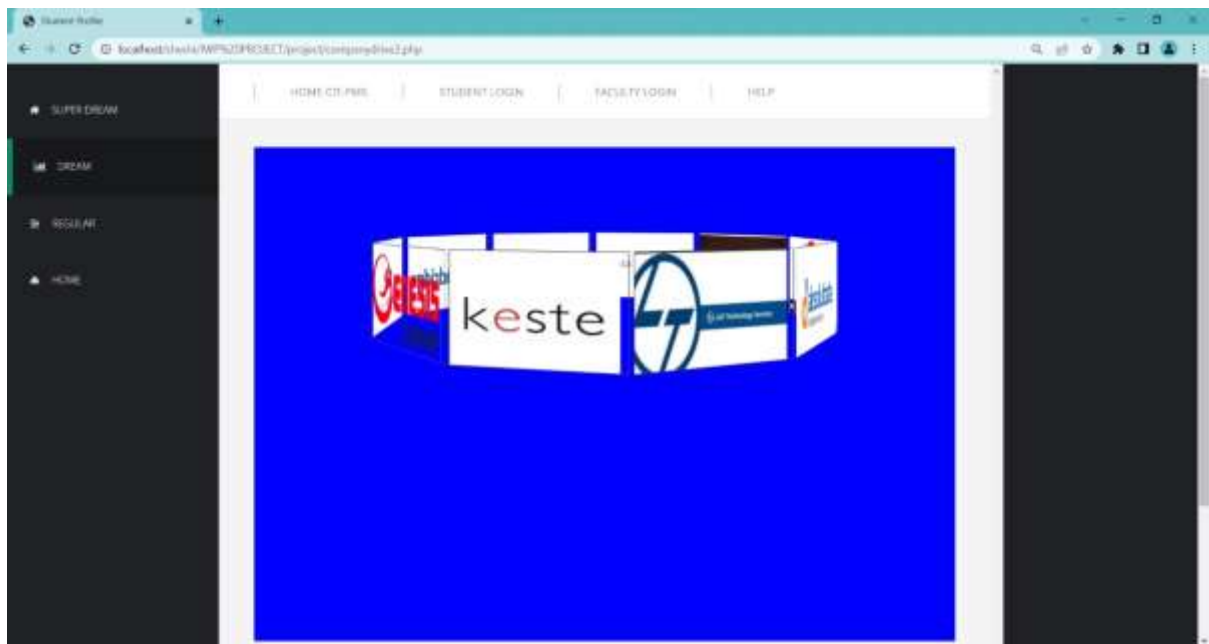
5. COMPANY DRIVERS REGULAR COMPANY'S PAGE:

6. STUDENT LOGIN PAGE:

7.STUDENT LOGIN REGISTARTION PAGE:

8.STUDENT LOGIN FORGOT PASSWORD:

9.STUDENTS, AVAILABLE COMPANIES PAGE:

10.STUDENT PAGE, CGPA VALIDATION, IF THE CGPA LIMIT NOT MET:
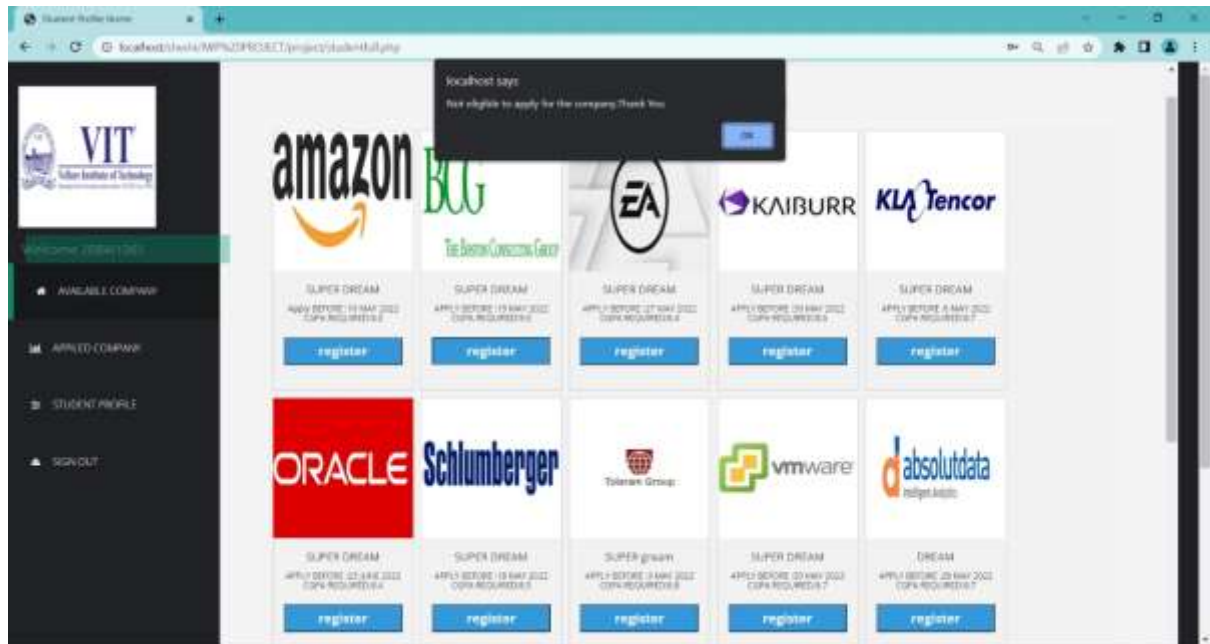
11.STUDENT PAGE, CGPA VALIDATION, IF THE CGPA LIMIT IS MET AND REGISTERED:
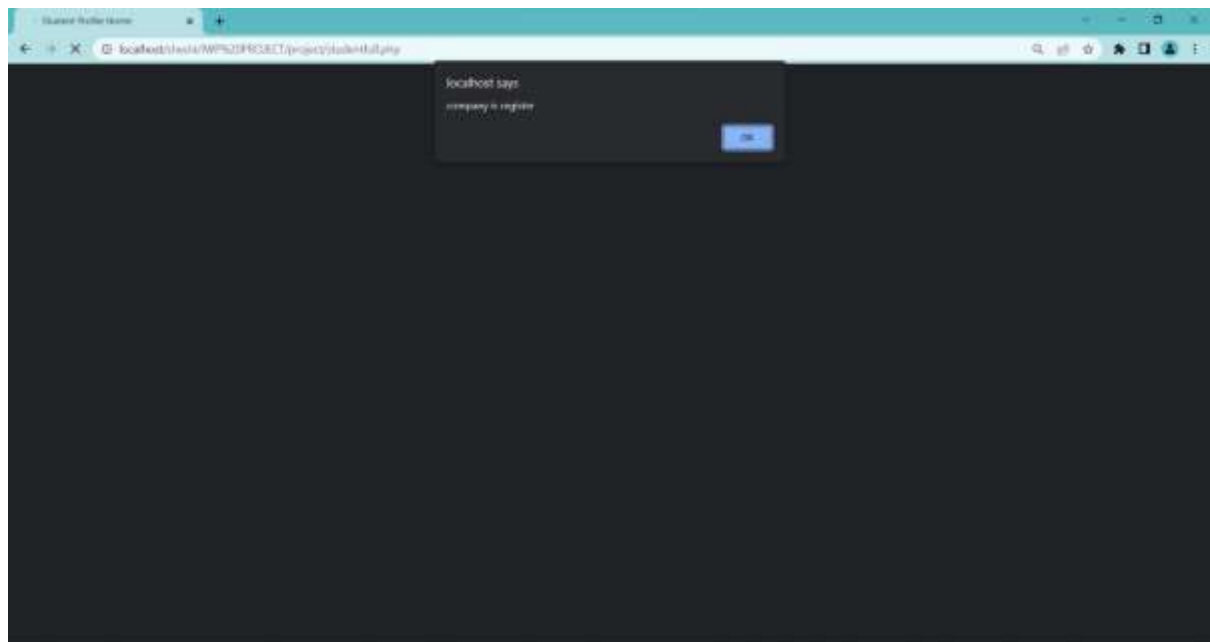
12.STUDENT PAGE, APPLIED COMPANIES:

13.STUDENT PAGE, STUDENT PROFILE:
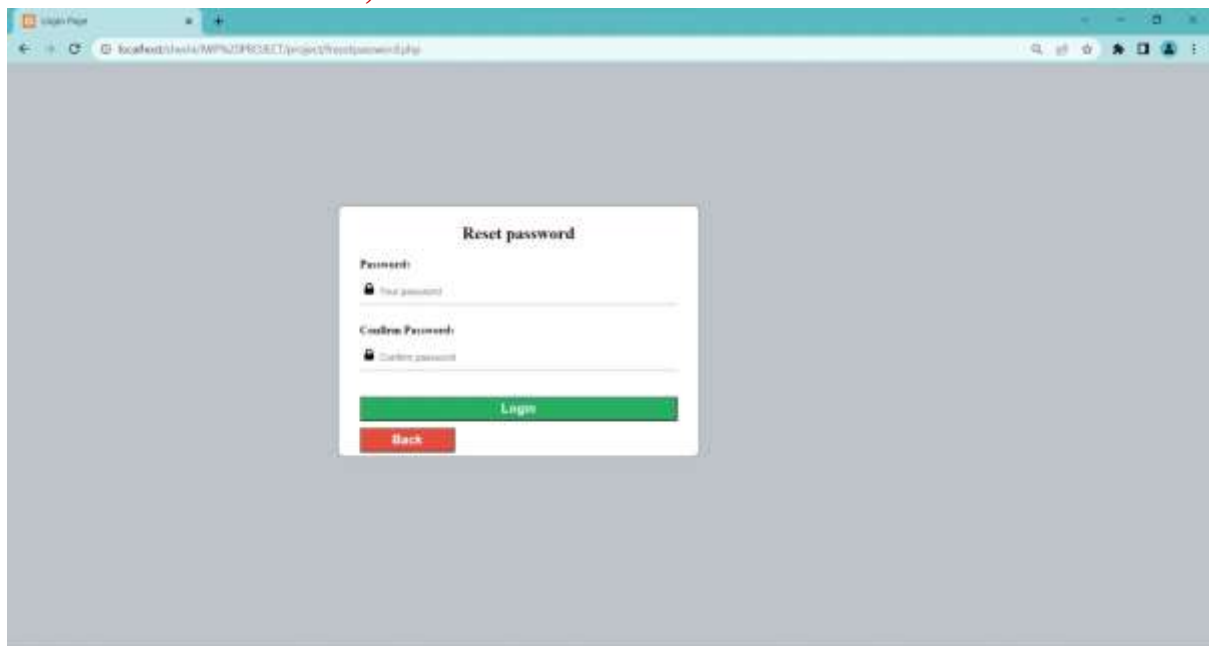
14.STUDENTS PAGE, NOTIFICATIONS-COMPANY NOTIFICATIONS:
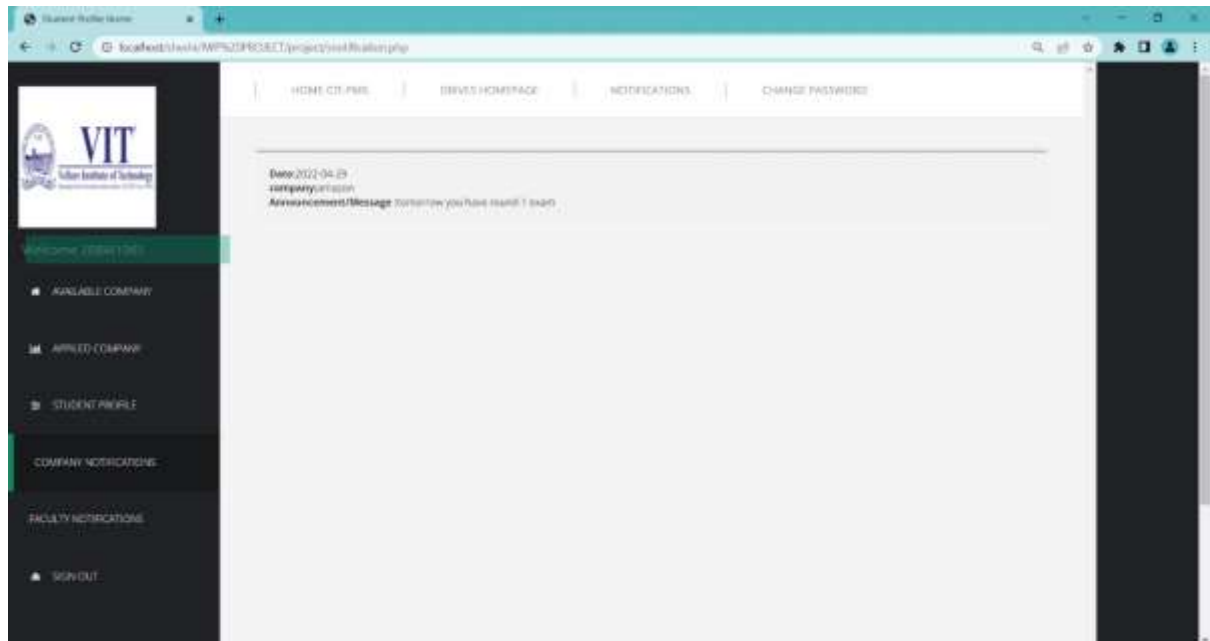
15.STUDENTS PAGE, NOTIFICATIONS-FACULTY NOTIFICATIONS:
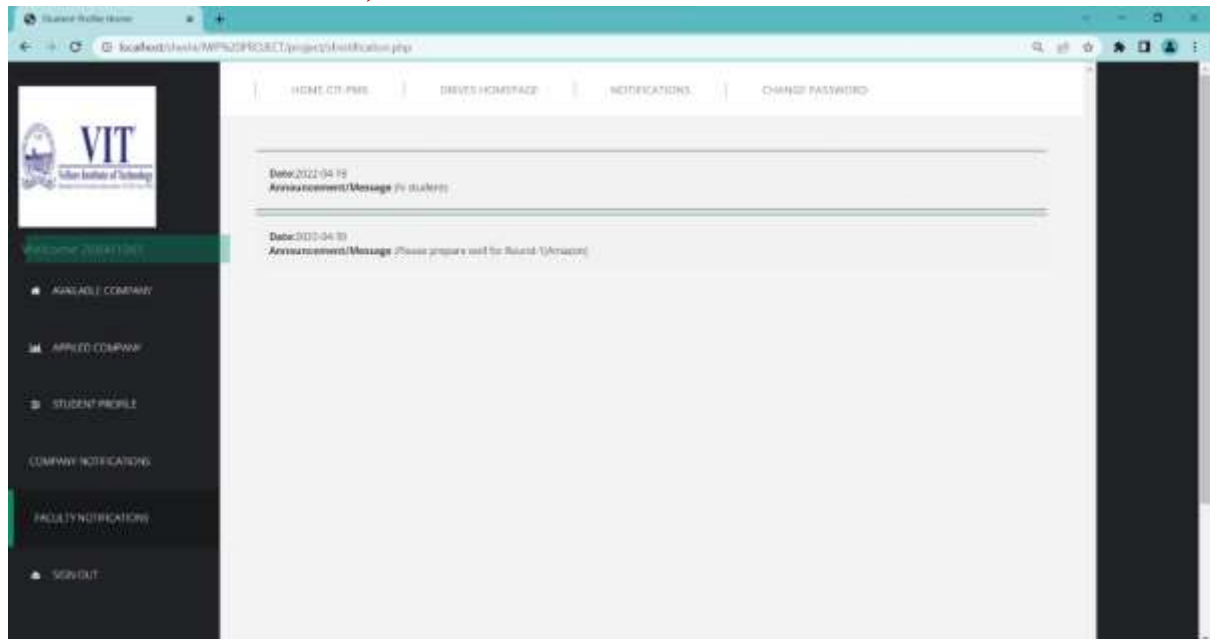
16.STUDENTS PAGE, CHANGE PASSWORD PAGE:

17.FACULTY LOGIN PAGE:
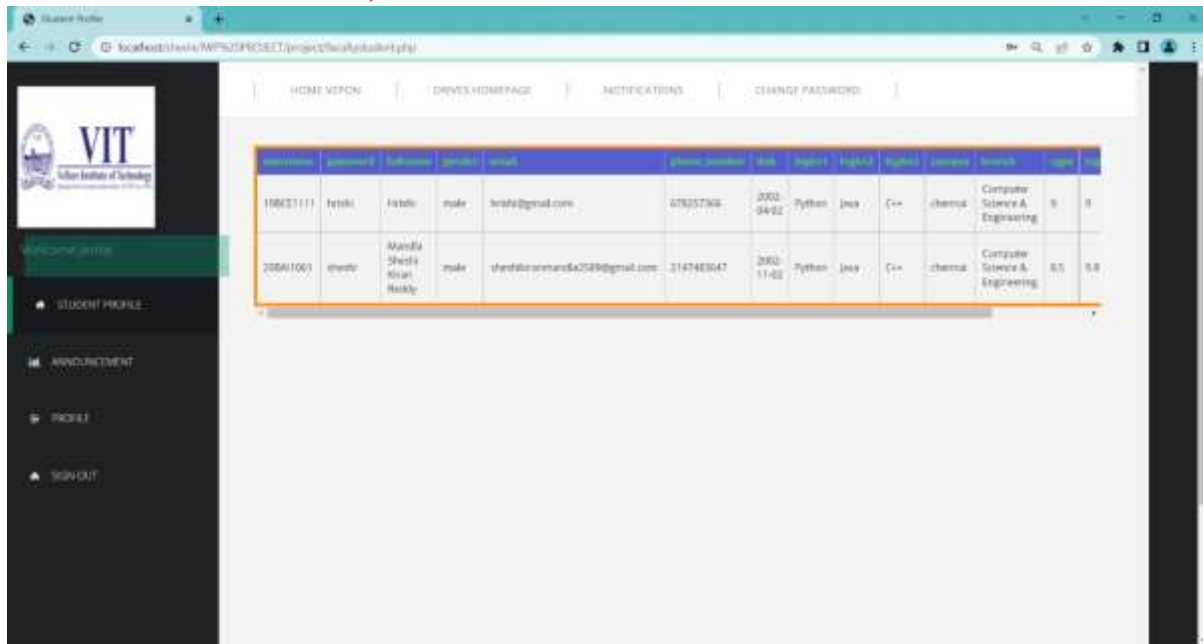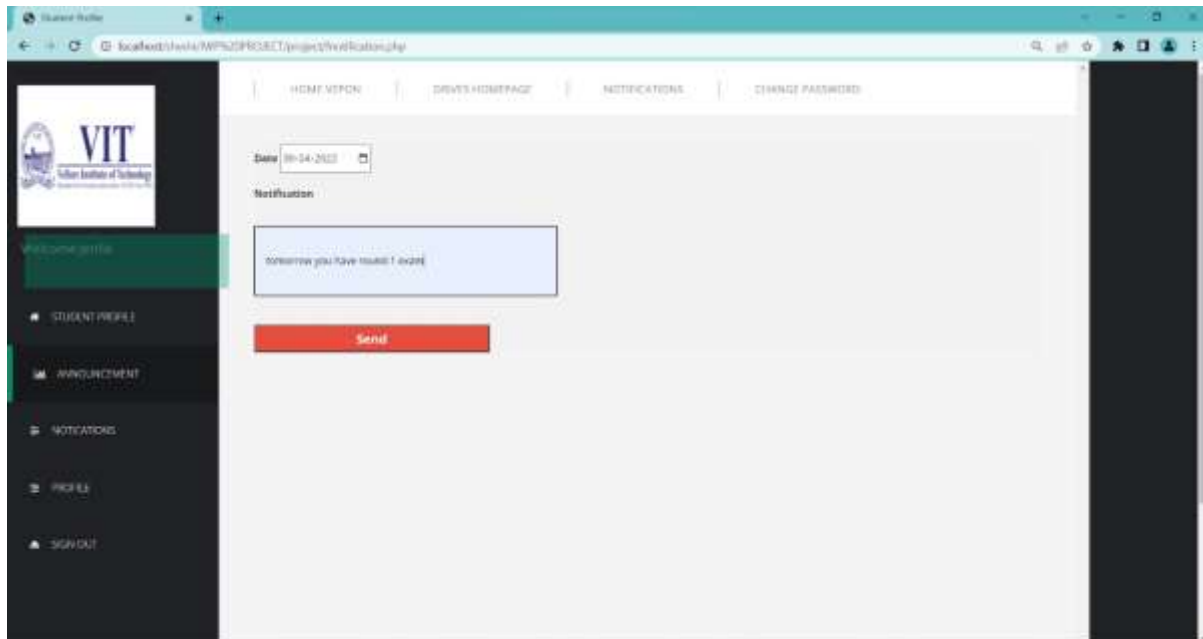
18.FACULTYS PAGE, STUDENTS DATA:

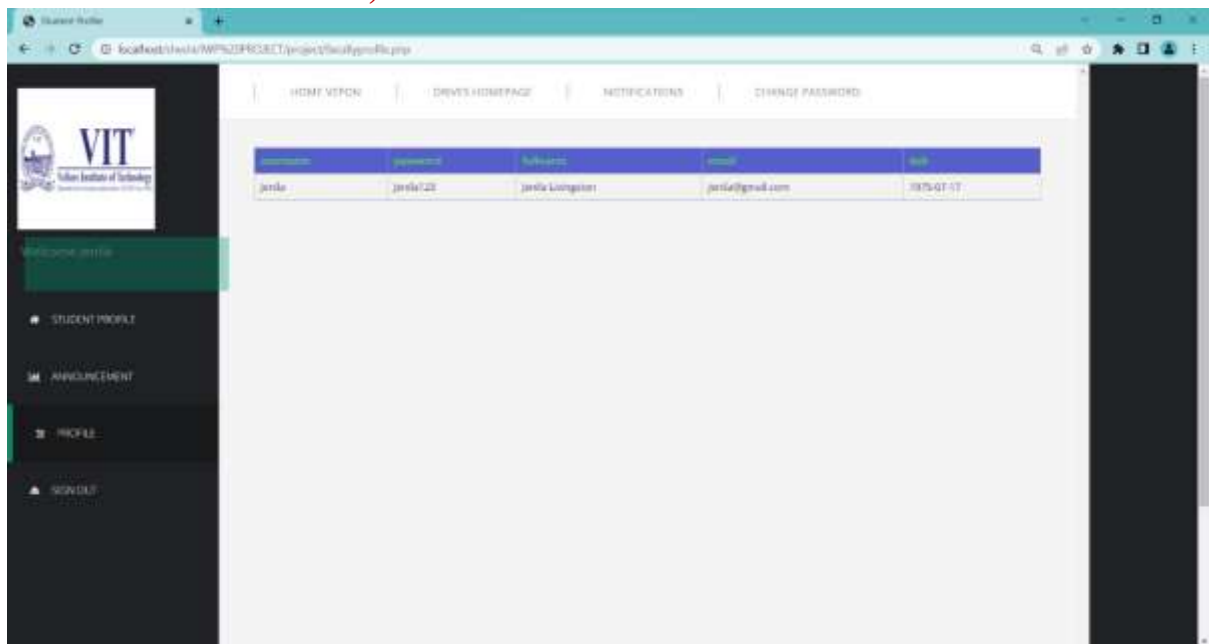## 19.FACULTYS PAGE, ANNOUNCEMENTS & SENDING MESSAGES:
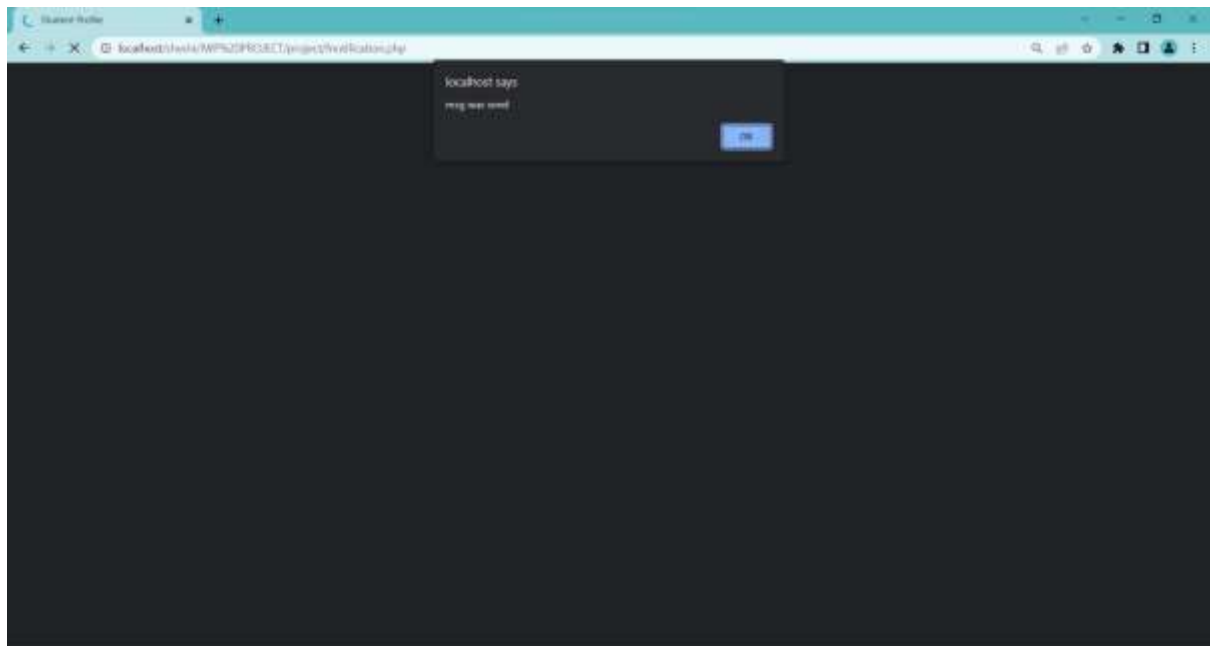
20.FACULTYS PAGE, COMPANY NOTIFICATIONS:
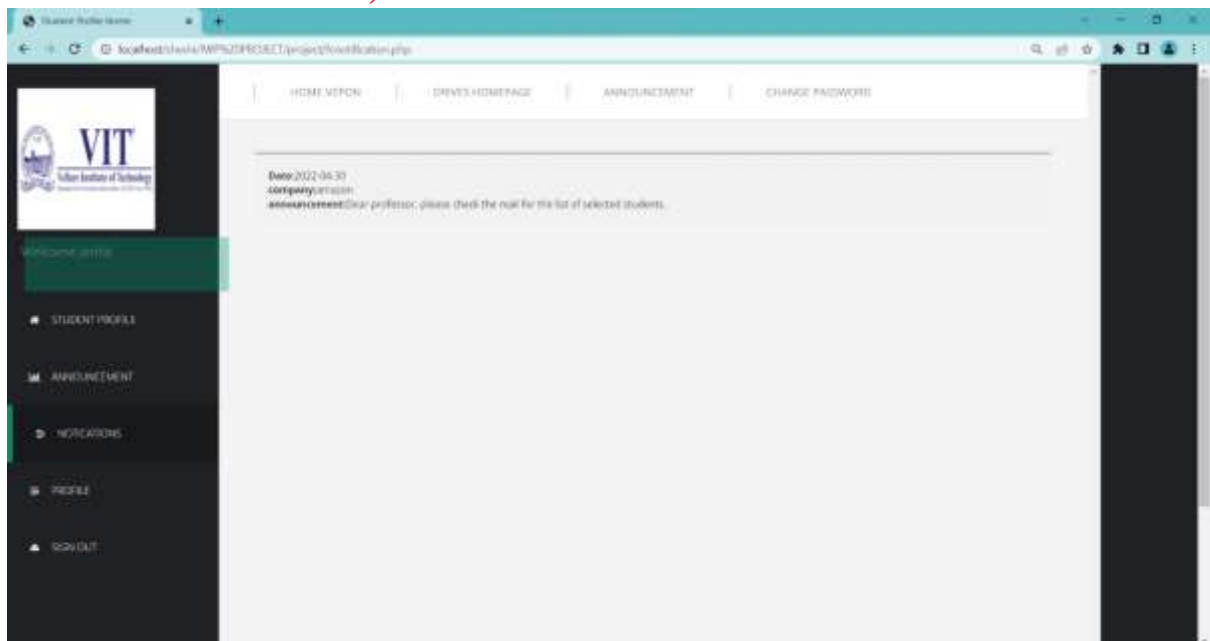
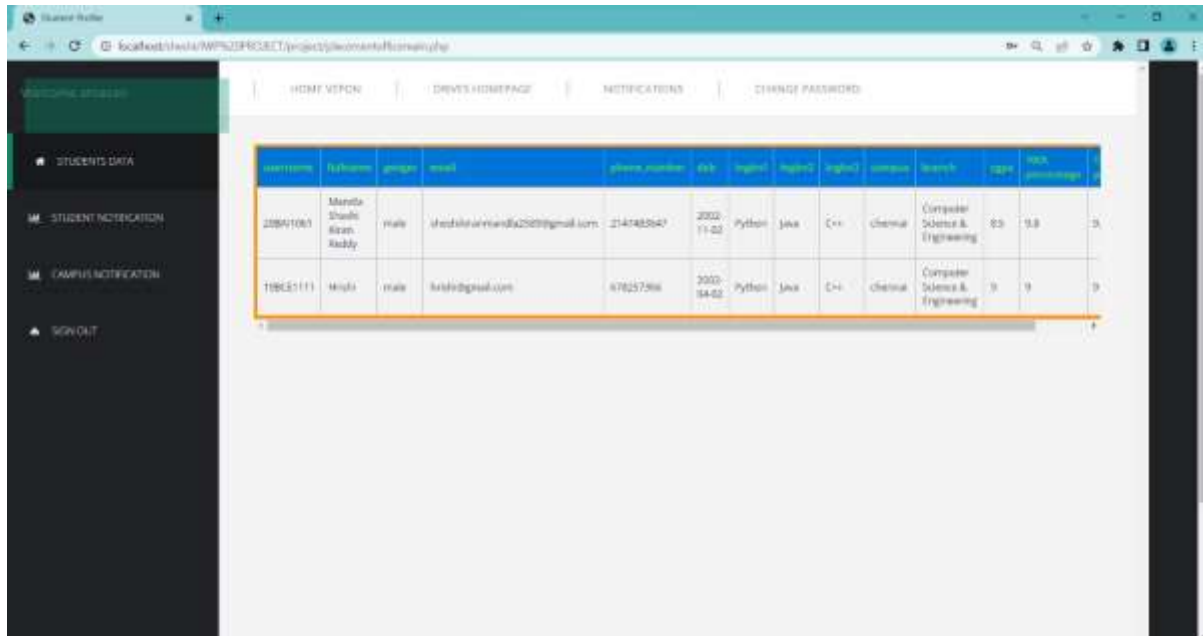## 21.FACULTYS PAGE, FACULTY PROFILE:

Rest, change password is common for student's page and also the company's page.
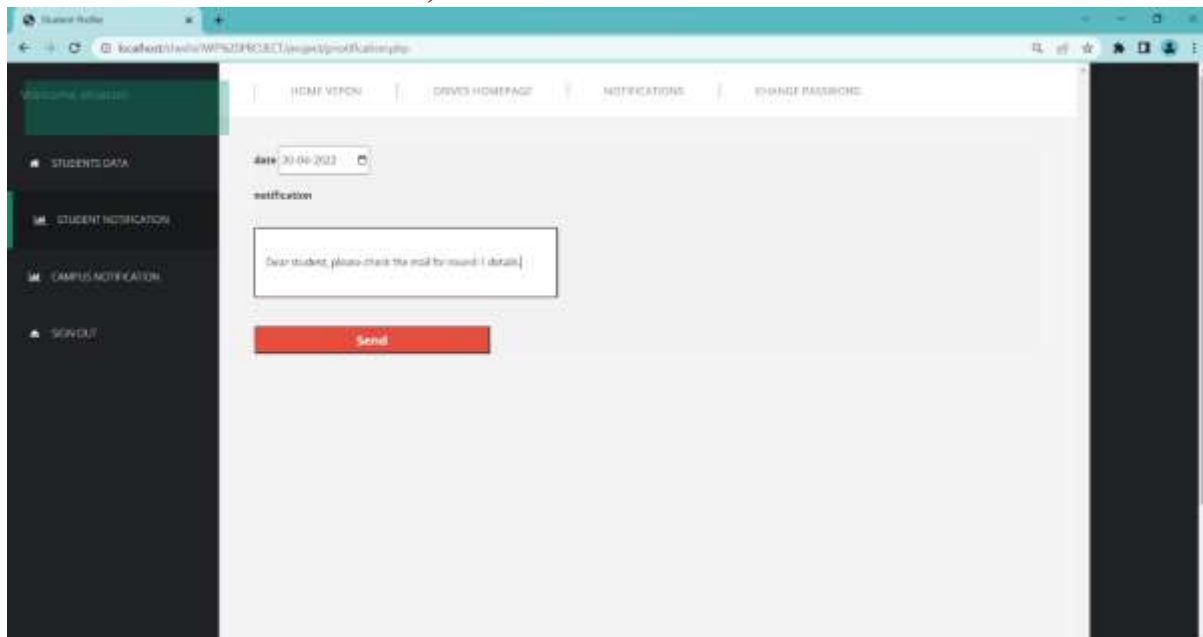
22.PLACEMENTS PAGE, LOGIN PAGE:

23.PLACEMENTS PAGE, STUDENTS DATA PAGE:

24.PLACEMENTS PAGE, STUDENTS NOTIFICATIONS PAGE:

25.PLACEMENTS PAGE, FACULTY NOTIFICATIONS PAGE:

26.HELP PAGE:

Conclusion

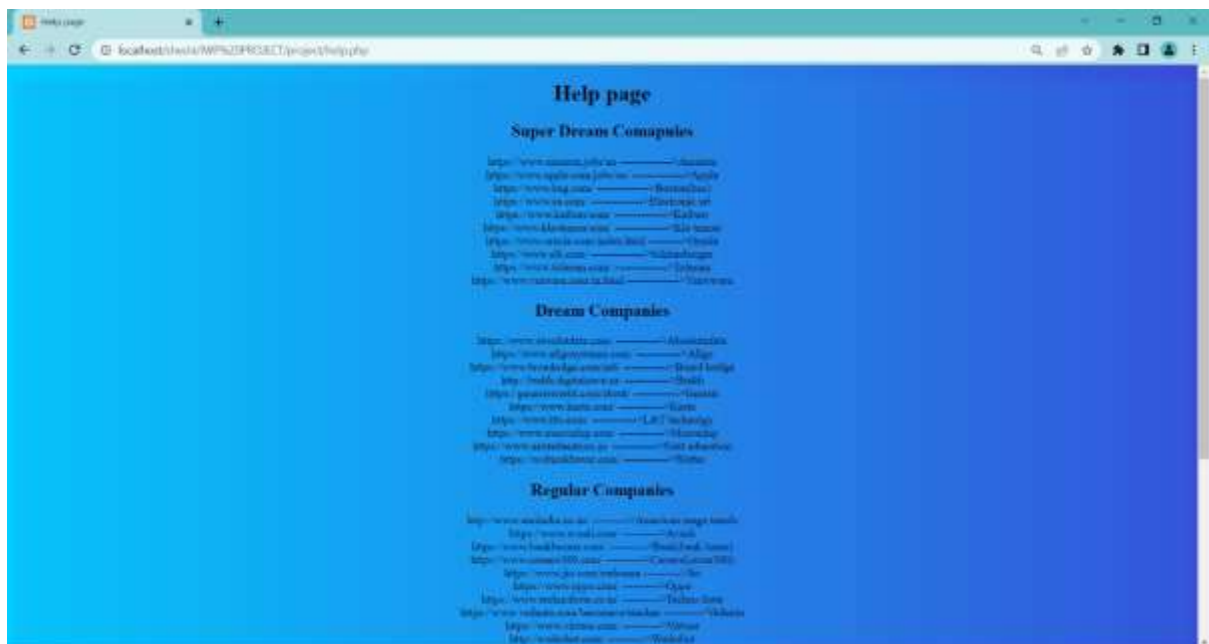The campus placement portal for the VIT is implemented to make the task of campus placement easier and also during pandemic times it will be so much useful and also helpful as most tasks are becoming virtual now. This website can be optimized for other institutions like having separate database for each college like "Codetantra","Moodle" etc. We can add other features such as resume uploading, conducting tests and lists up-dation process etc. In this way we have implemented the website for placement portal which is acting as a medium between students, faculty and the companies and also can be developed more in future.

References

https://hiremee.co.in/blogs/5-problems-in-campus-placement-and-how-to-tackle-them

http://www.ijstm.com/images/short_pdf/1490683748_S3171.pdf

http://www.cellbiol.com/bioinformatics_web_development/chapter-4-adding-a-dynamic-layer-introducing-the-php-programming-language/dynamic-web-pages-with-php-a-simple-yet-useful-example/

https://stackoverflow.com/questions/19475301/in-this-circular-slider-code-prev-and-next-function-is-not-working-properly

https://designmodo.com/examples-sliders-web-design/

THE END