CS259 PROJECT

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Group Members:-

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TPC Database Design

Tables and Description

The below diagram shows all the tables used in this section along with respective primary keys and foreign keys:

❖ **Student Entity**: To store all details of the Student entity we need have created four tables.

    ⬜ **Student_database :** It contains all the basic information of the student. It is linked to all the other tables that contains any info related to a student.

    ⬜ **Student_auth :** It contains all the login/authentication details of the current students.

    ⬜ **Student_marks :** From ER diagram, as we can see marks is multivalued. Hence, we have created another table to store the information related to marks.

    ⬜ **Student_pref :** It contains the job roles preferred by students so that they can effectively search the companies they are interested in and companies can also get an overview of the pool students.

◆ **Company Entity:** To store all details of the Company entity we need have created three tables.

    ⬜ **Company_database :** It contains all the basic information related to the company. It is linked to all the other tables that contains any information related to the company.

    ⬜ **Company_auth :** It contains all the login/authentication details of the company.

    ⬜ **Company_roles :** As role is a multivalued attribute we have created an different table to store it. Table contains all the job offers given by the company. It also contains the contact person information of recruiter of that particular role.

◆ **Alumnus Entity:** To store all details of the Alumnus entity we need have created three tables

    ⬜ **Alumnus_database:** It contains all the basic information related to the Alumna. It is linked to all the other tables that contains any information related to the company.

This information is directly transferred form the student database and is implemented using a trigger.
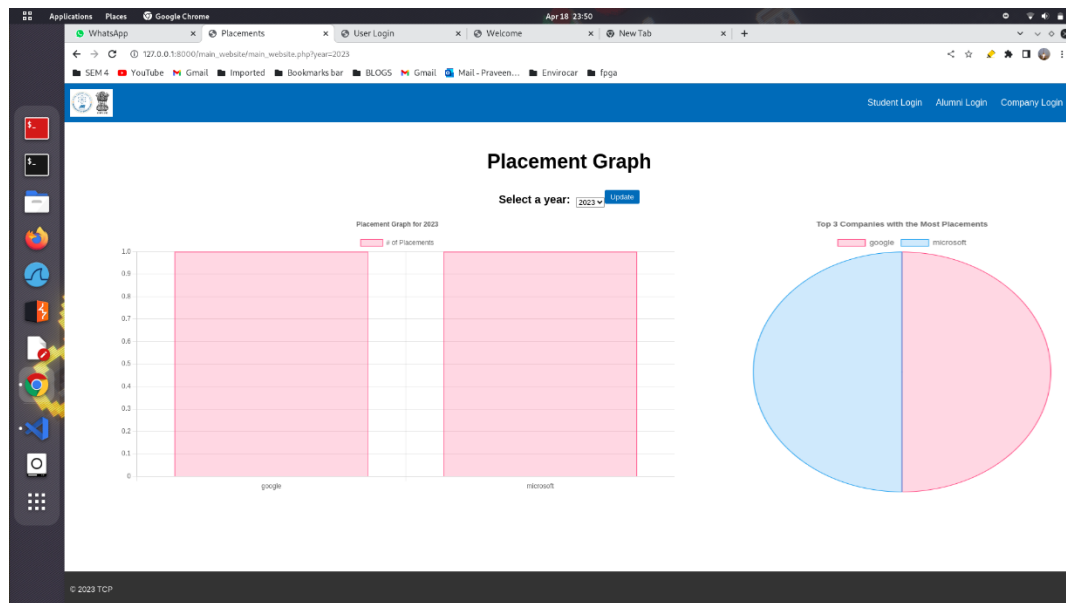
☐ **Alumnus_auth:** It contains all the login/authentication details of the alumnus.

☐ **Alumns_placed :** It contains record of the company alumnus has been. This data is choice of an alumnus to fill and is not mandatory.

◆ **Admin Entity:** Since it is pretty straightforward entity we have only one table for this entity.

☐ **Admin_auth :** It contains all the login/authentication details of the admin

Websites and other works

Main Page

Student Login Page

Student Registration Page

Company job offer page

Marks Upload Page

Video: https://drive.google.com/drive/folders/1K4z8ae2ijQ-9Rbh0WfrwouznAX-h7ZtZ?usp=sharing

Code Repo: https://github.com/prvn2004/database_project