

CS259 PROJECT

Guided By – Prof. Samrat Mondal



Group Members:-

1. **Munesh Meena(2101cs47)**
2. **Kalpita Agrawal(2101cs34)**
3. **Praveen Kumar(2101cs61)**

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 from the student database and is implemented using a trigger.

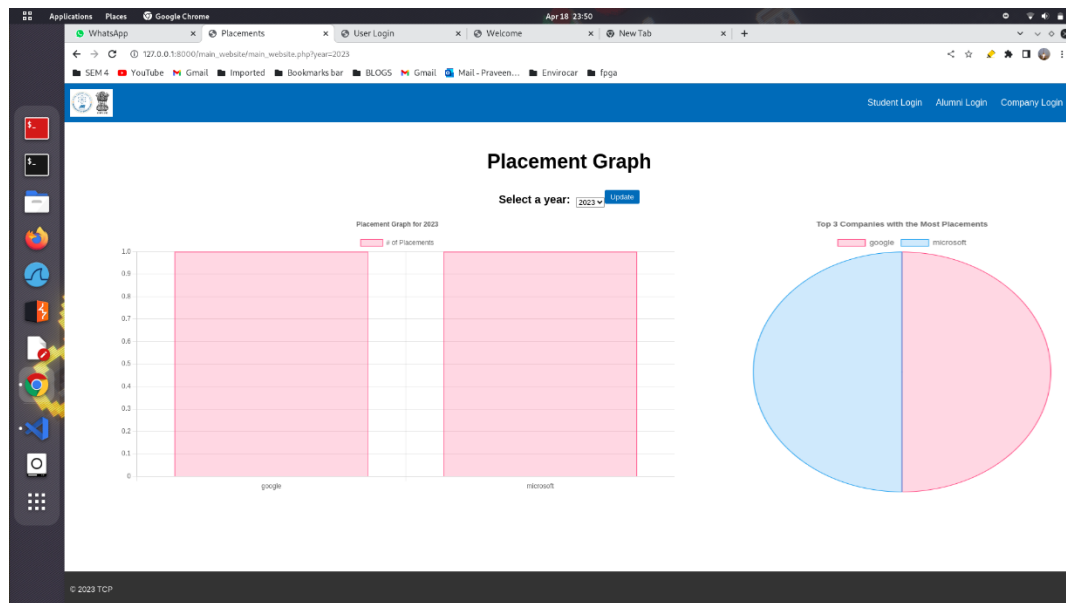
□ **Alumnus_auth:** It contains all the login/authentication details of the alumnus.

□ **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

Applications Places Google Chrome Apr 18 23:33

WhatsApp x Abif Hit Story - Audio Juke x Modify PHP for Table Join x User Login x prn2004/database_pro x User Login x

127.0.0.1:8000/student/login_main.php

SEM 4 YouTube Gmail Imported Bookmarks bar BLOGS Gmail Mail - Praveen... Envirocar fpga

User Login

Email:

Password:

Login

Register

Student Login Page

Applications Places Google Chrome Apr 18 23:33

WhatsApp x Abif Hit Story - Audio Juke x Modify PHP for Table Join x User Login x prn2004/database_pro x User Login x

127.0.0.1:8000/student/welcome.php

SEM 4 YouTube Gmail Imported Bookmarks bar BLOGS Gmail Mail - Praveen... Envirocar fpga

Add Marks Update Info Add Preference other options

Email:

praveen1142004@gmail.com

Name:

praveen kumar

Roll No:

2101CS01

CPI:

9.00

Qualification:

B.Tech

Graduation Year:

2020

Old Password:

New Password:

Confirm New Password:

Update

Student Registration Page

A screenshot of a web browser displaying a company job offer form. The browser's address bar shows the URL `127.0.0.1:8000/company_offer.php`. The form is titled "Company job offer" and contains the following fields:

- Minimum Graduation:
- Minimum CPT:
- Interview Mode:
- Salary (LPA):
- Role:
- Contact Person Name:
- Contact Person Email:
-

Company job offer page

A screenshot of a web browser displaying a marks upload page. The browser's address bar shows the URL `127.0.0.1:8000/student/welcome.php`. The page has a dark header with buttons "Add Marks", "Update Info", and "Add Preference". The main content area contains a form titled "Marks Upload" with the following fields:

- Class:
- Marks:
-
-
-

Marks Upload Page

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

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