Project: Phase 4

User Interface Design and Demonstration
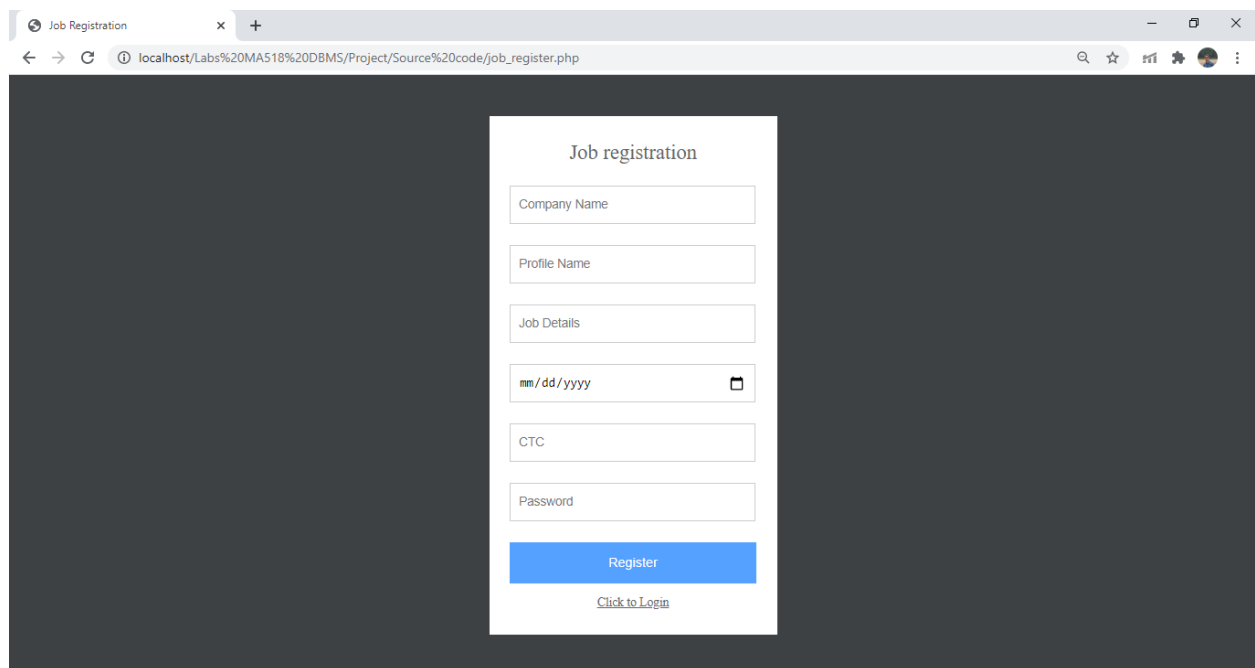
MA518: Database Management System
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Placement portal
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Description of the project:

Purpose was to make one platform for students and companies to make whole placement process more efficient. On the portal made, students can register providing some necessary data and company can offer job providing some necessary info. After registration, both company and student can directly log into the portal. Note that if company is offering different profiles, then they will have to register for them differently.

Figure 1: Job registration

Figure 2: Job registration (Code)

Figure 3: Student Registration

Figure 4: Student Registration (Code)

Figure 5: Student Login

Now company will be able to make different programs eligible with various cpi and percentage criterias. If not specified, those will be considered as no such criterias.

Figure 6: Make program eligible

Figure 7: Eligible programs

```php
160             $tenth_per_crt = 0;
161         if(strlen($_POST['twelveth_per_crt']))
162             $twelveth_per_crt = $_POST['twelveth_per_crt'];
163         else
164             $twelveth_per_crt = 0;
165         if(strlen($_POST['ug_cpi_crt']))
166             $ug_cpi_crt = $_POST['ug_cpi_crt'];
167         else
168             $ug_cpi_crt = 0;
169         if(strlen($_POST['pg_cpi_crt']))
170             $pg_cpi_crt = $_POST['pg_cpi_crt'];
171         else
172             $pg_cpi_crt = 0;
173         if(strlen($_POST['phd_cpi_crt']))
174             $phd_cpi_crt = $_POST['phd_cpi_crt'];
175         else
176             $phd_cpi_crt = 0;
177
178
179         $sql = "INSERT INTO plcmtportal.eligible(company_name, profile_name, prog_name, tenth_per_crt, twelveth_per_crt, ug_cpi_crt,
                pg_cpi_crt, phd_cpi_crt) VALUES (:company_name, :profile_name, :prog_name, :tenth_per_crt, :twelveth_per_crt,
                :ug_cpi_crt, :pg_cpi_crt, :phd_cpi_crt)";
180         $stmt = $conn->prepare($sql);
181         $res = $stmt->execute(
182             array(
183                 ':company_name' => $_SESSION['company_name'],
184                 ':profile_name' => $_SESSION['profile_name'],
185                 ':prog_name' => $prog_name,
186                 ':tenth_per_crt' => $tenth_per_crt,
187                 ':twelveth_per_crt' => $twelveth_per_crt,
188                 ':ug_cpi_crt' => $ug_cpi_crt,
189                 ':pg_cpi_crt' => $pg_cpi_crt,
190                 ':phd_cpi_crt' => $phd_cpi_crt
191             )
192         );
193         header("Location:job_db_eligibility.php");
194     }
195
```

Figure 8: Make programs eligible code(1)

```php
 98         <br>
 99
100
101     <div class="dtable">
102         <h1> Eligibile programs with criterias</h1>
103         <br>
104         <table class="table">
105             <thead>
106                 <th scope="col"> Program </th>
107                 <th scope="col"> 10th per criteria</th>
108                 <th scope="col"> 12th per criteria</th>
109                 <th scope="col"> UG cpi criteria</th>
110                 <th scope="col"> PG cpi criteria</th>
111                 <th scope="col"> PhD cpi criteria</th>
112             </thead>
113             <tbody>
114
115             <?php
116                 require('db.php');
117                 $sql = "SELECT * FROM plcmtportal.eligible WHERE eligible.profile_name='".$_SESSION['profile_name']."' AND
                        eligible.company_name='".$_SESSION['company_name']."'";
118
119                 $stmt = $conn->query($sql);
120
121                 while ($row=$stmt->fetch(PDO::FETCH_ASSOC)) {
122                     echo "<tr><td>";
123                     echo $row['prog_name'];
124                     echo "</td><td>";
125                     echo $row['tenth_per_crt'];
126                     echo "</td><td>";
127                     echo $row['twelveth_per_crt'];
128                     echo "</td><td>";
129                     echo $row['ug_cpi_crt'];
130                     echo "</td><td>";
131                     echo $row['pg_cpi_crt'];
132                     echo "</td><td>";
133                     echo $row['phd_cpi_crt'];
134                     echo "</td></tr>";
```
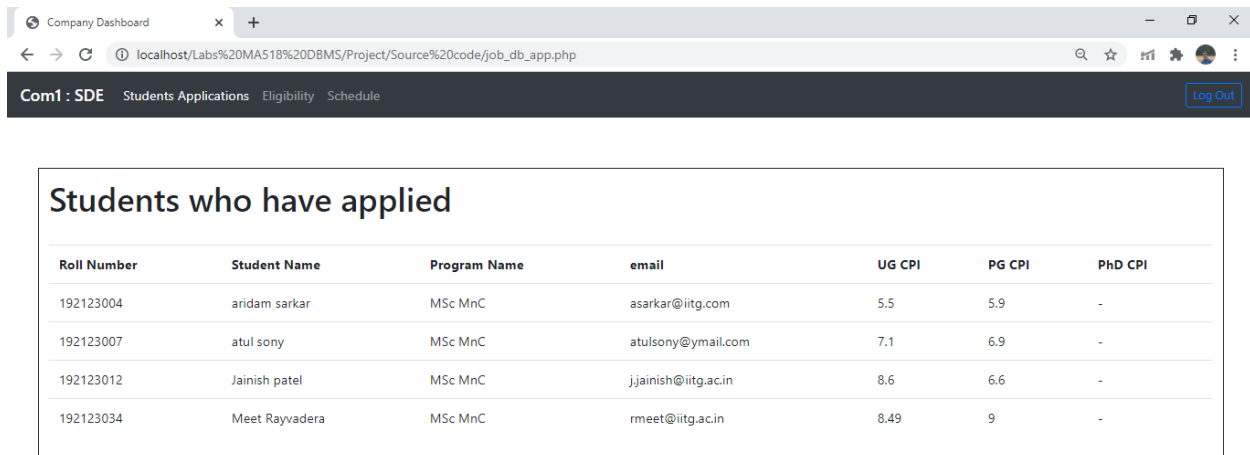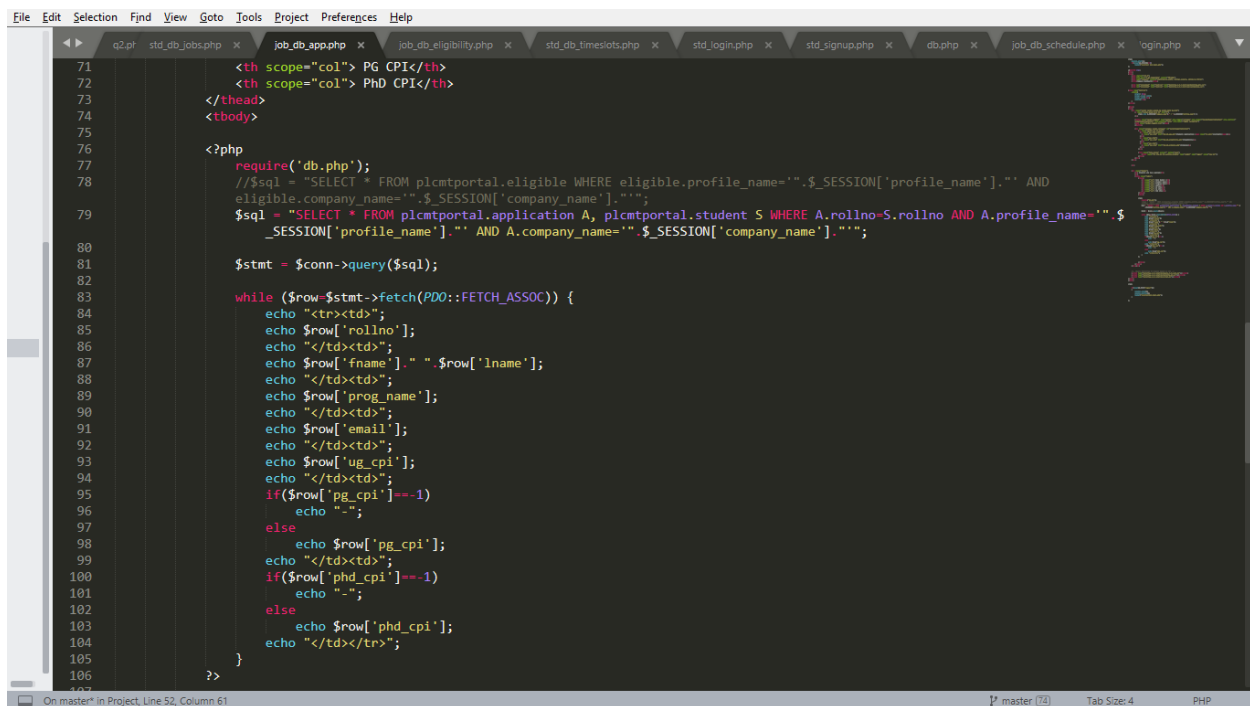
Figure 9: Make programs eligible (Code 2)

Company will able to see details of students who have applied till now. (Note that student will be only able to apply if he/she is eligible).

Figure 10: Student Applications

Figure 11: Student Applications (Code)

Company will be able to schedule various events such as placement talks, tests and interview. This will be visible to only those students who are eligible and have applied.

Figure 12: Schedule an event

Figure 13: Schedule an event (Code)

Now let's see it from student's perspective. After login, student will be able to see all the jobs he/she is eligible for considering his/her cpi, program enrolled in and application deadline. Student won't be able to see jobs in which he/she is not eligible.

Figure 14: Eligible jobs

Figure 15: Eligible jobs (Code:1)

Figure 16: Eligible jobs (Code 2)

After more than 0 applications, student will be able to see *customized* time slot of event scheduled by company for which student has applied.
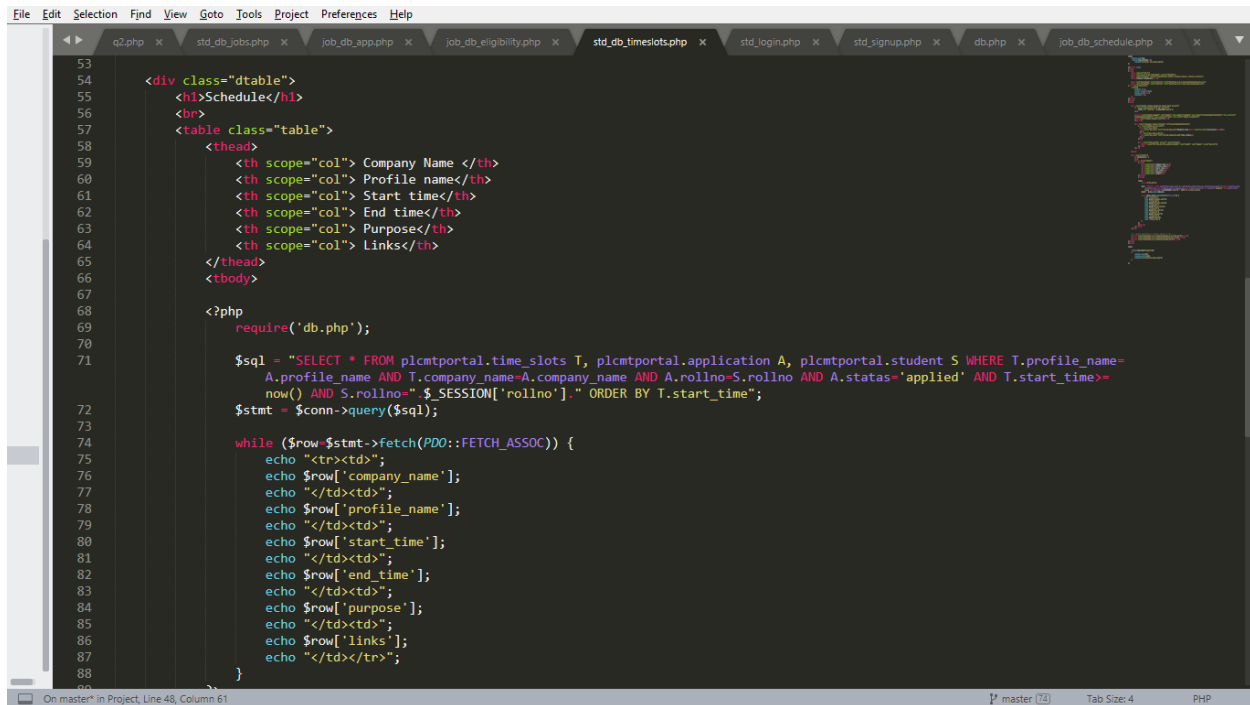

Figure 17: Customized time slot

Figure 18: Student time slots Code

Overall, most of the basic functionalities are covered which was the goal. We have made it as much simple as we can to make it easy-to-use for users and at the same time, we made sure that it serves the purpose.

Division of labor: All PHP part was done by Meet and User interface was designed by Jainish. Whole system was designed and simplified by both of us.