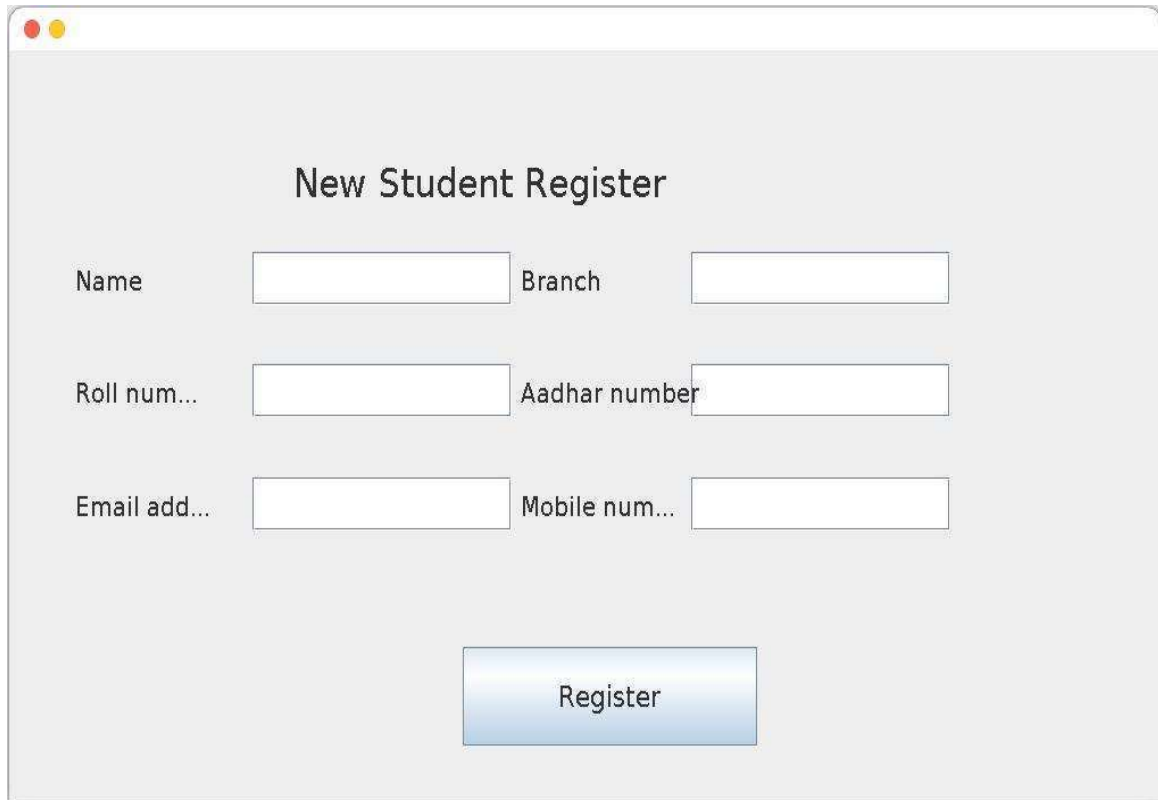# USER INTERFACE

REGISTRATION

Whenever a new student joins their details can be registered using the following application and the details get automatically updated in the database.

After clicking on the register button and all the details entered are correct then the Welcome popup message gets displayed. It means that the student is registered successfully.

After a student get's registered then their details are updated in the database.

For all the students who are registered , their marks can be uploaded. The administrator runs the DML commands to upload the marks of the registered student.

After successfully uploading the marks , the marks of the students are automatically updated in the database.

After the internal and external marks are being uploaded , semester results are computed and gets updated in the database.

```
● ● ●   +           root@nagendra-amara: /home/nagendra-amara/Desktop/DBMS        Q   ⊙

Database changed
mysql> select * from Students;
+--------------+-------------+--------+--------------+-------------+--------------------------+
| roll_num     | name        | branch | aadhar       | mobile_num  | email                    |
+--------------+-------------+--------+--------------+-------------+--------------------------+
| 320126510005 | B.Jayaram   | CSE    | 633291627527 | 6305873382  | jai415546@gmail.com      |
| 321126510L05 | A.Nagendra  | CSE    | 604310717984 | 9490828343  | amara.nagendhra@gmail.com |
| 321126510L10 | I.Sanjith   | CSE    | 671083564773 | 7075490186  | ippilisanjith6@gmail.com |
+--------------+-------------+--------+--------------+-------------+--------------------------+
3 rows in set (0.01 sec)

mysql> select * from Internals
    -> ;
+--------------+------+------+------+------+------+
| roll_num     | Sub1 | Sub2 | Sub3 | Sub4 | Sub5 |
+--------------+------+------+------+------+------+
| 320126510005 |   37 |   40 |   36 |   32 |   35 |
| 321126510L05 |   37 |   40 |   36 |   32 |   35 |
| 321126510L10 |   39 |   40 |   36 |   32 |   36 |
+--------------+------+------+------+------+------+
3 rows in set (0.01 sec)

mysql>
```

```
● ● ●   +           root@nagendra-amara: /home/nagendra-amara/Desktop/DBMS        Q   ⊙

+--------------+------+------+------+------+------+
3 rows in set (0.01 sec)

mysql> select * from Externals;
+--------------+------+------+------+------+------+
| roll_num     | Sub1 | Sub2 | Sub3 | Sub4 | Sub5 |
+--------------+------+------+------+------+------+
| 321126510L05 |   52 |   50 |   49 |   55 |   56 |
| 320126510005 |   52 |   50 |   49 |   55 |   56 |
| 321126510L10 |   58 |   60 |   46 |   52 |   46 |
+--------------+------+------+------+------+------+
3 rows in set (0.00 sec)

mysql> select * from SemResults;
+--------------+--------+--------+--------+--------+--------+
| roll_num     | grade1 | grade2 | grade3 | grade4 | grade5 |
+--------------+--------+--------+--------+--------+--------+
| 321126510L05 | A      | O      | A      | A      | O      |
| 320126510005 | A      | O      | A      | A      | O      |
| 321126510L10 | O      | O      | A      | A      | A      |
+--------------+--------+--------+--------+--------+--------+
3 rows in set (0.01 sec)

mysql>
```