DBMS
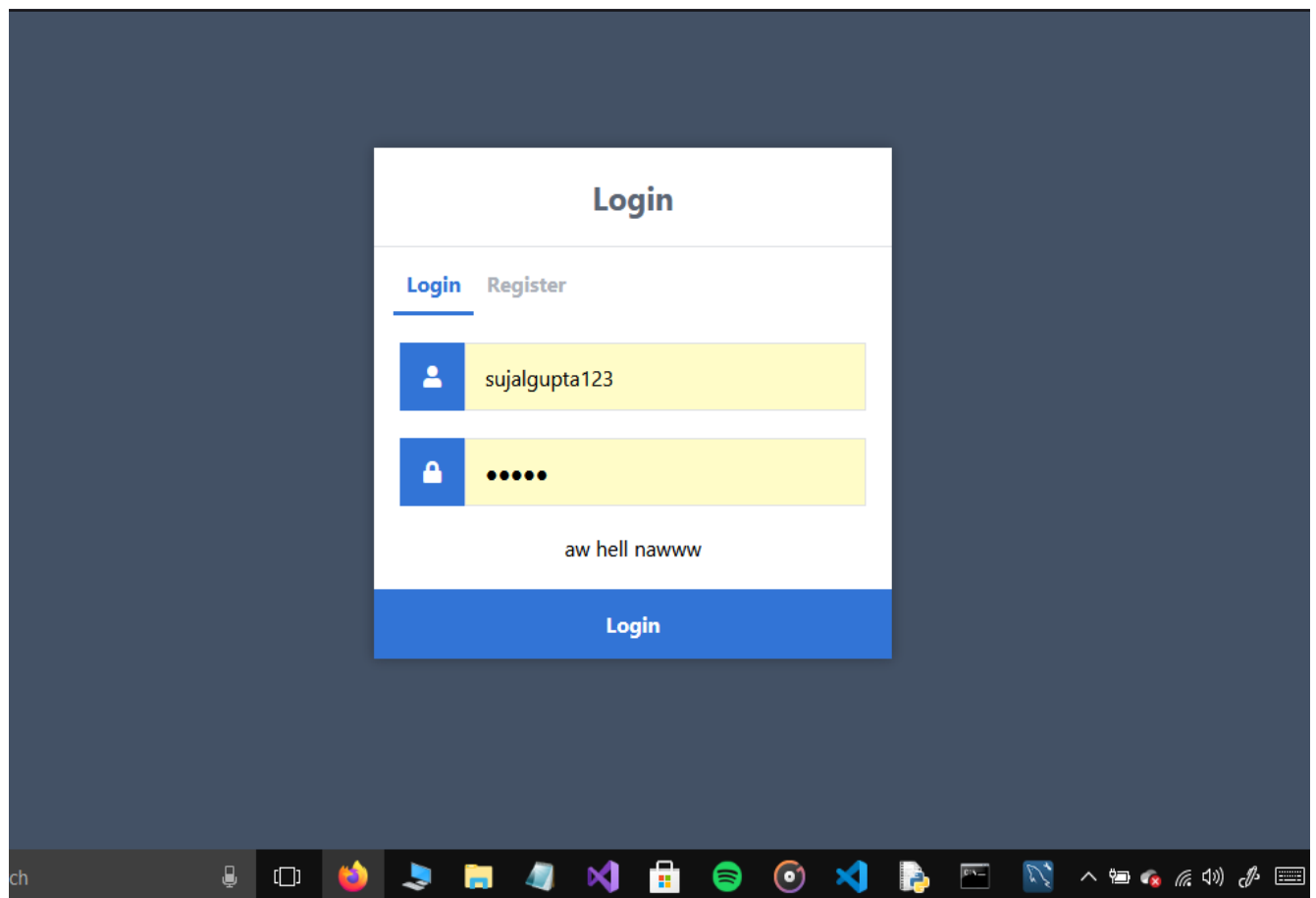# MINI-PROJECT

WEB BASED
USER AUTHENTICATION
SYSTEM

BY: SUJAL GUPTA

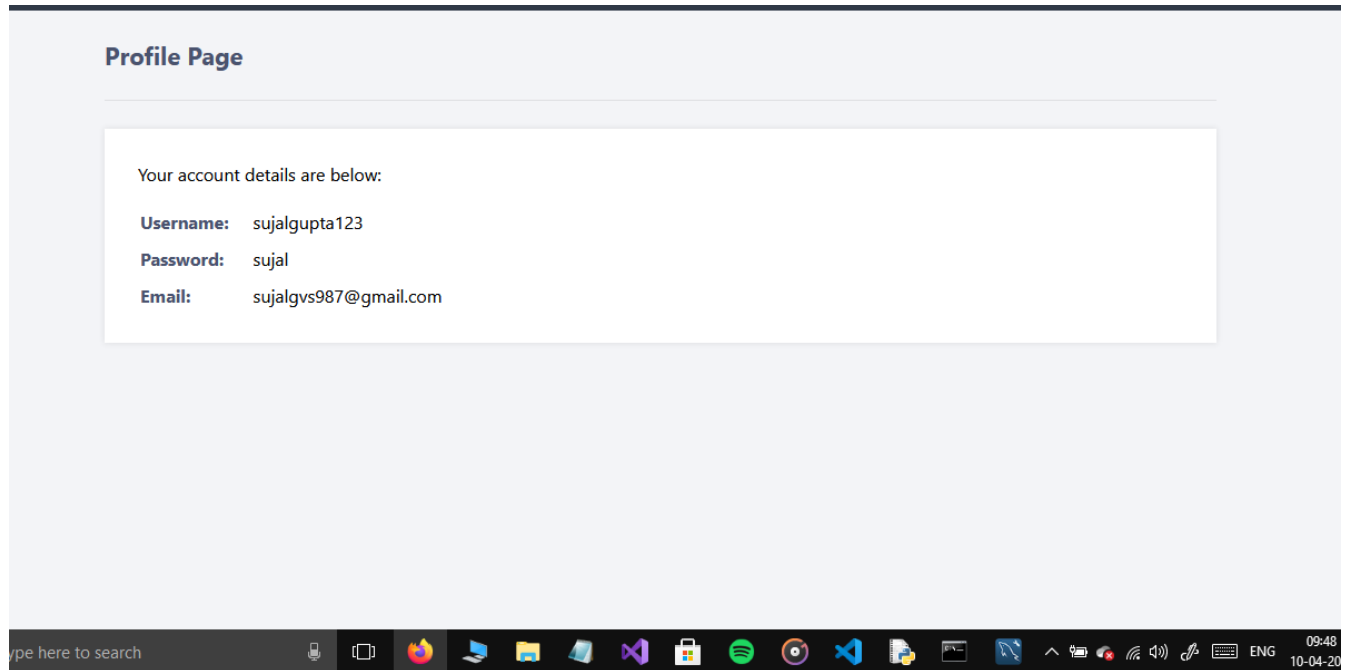4TH SEM, AIML-1

ROLL-NO : 24282

User based authentication system using MySql and Python

1. Login page:

2. Profile page:

Profile Page

Your account details are below:

Username: sujalgupta123
Password: sujal
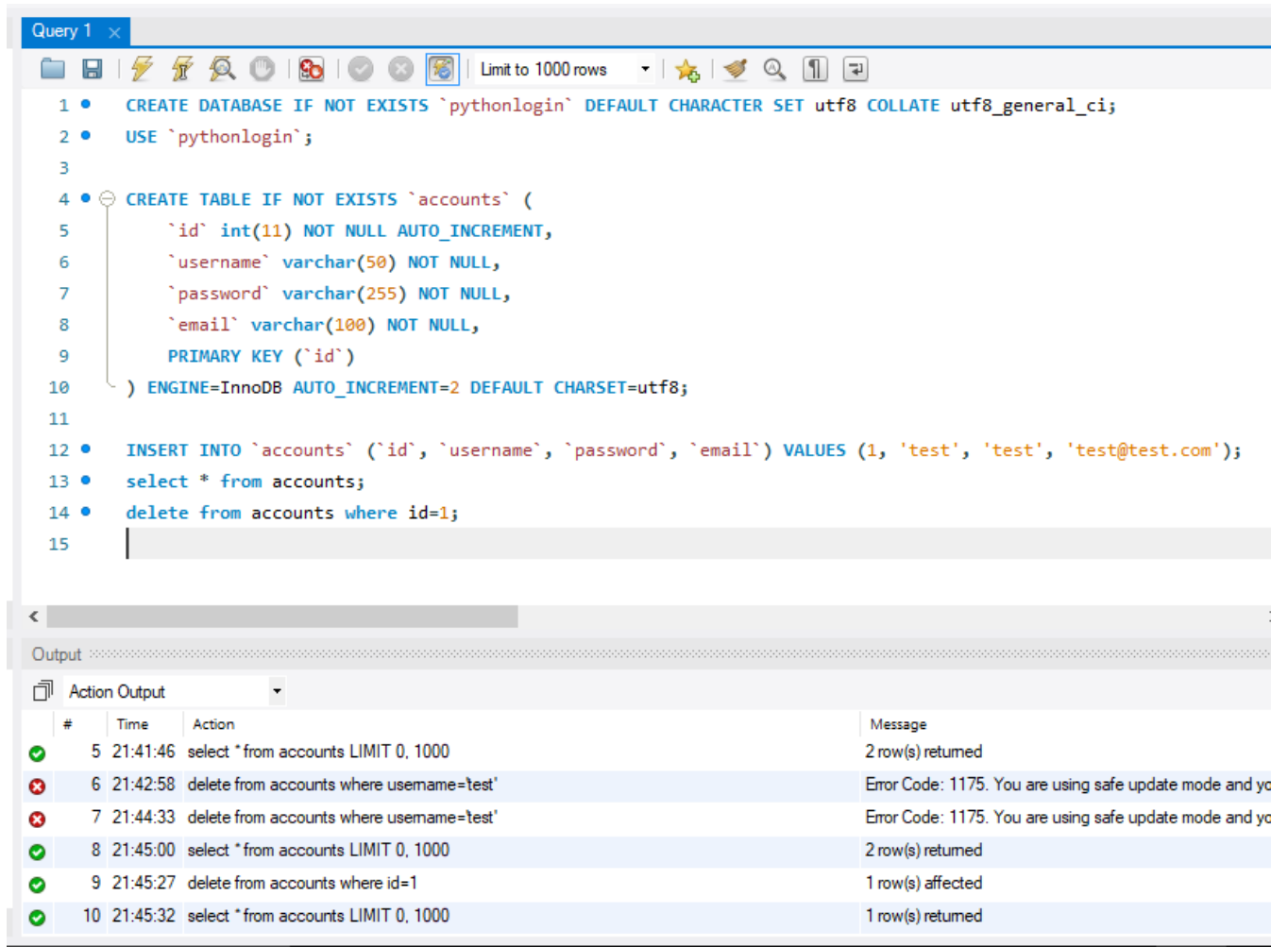**Email:** sujalgvs987@gmail.com

Here, user will be able to see his details fetched from the SQL server.

Details shown:

- UserName
- Password
- E-mail Id

SQL code for the database:

```sql
CREATE DATABASE IF NOT EXISTS `pythonlogin` DEFAULT CHARACTER SET utf8 COLLATE utf8_general_ci;
USE `pythonlogin`;

CREATE TABLE IF NOT EXISTS `accounts` (
    `id` int(11) NOT NULL AUTO_INCREMENT,
    `username` varchar(50) NOT NULL,
    `password` varchar(255) NOT NULL,
    `email` varchar(100) NOT NULL,
    PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8;

INSERT INTO `accounts` (`id`, `username`, `password`, `email`) VALUES (1, 'test', 'test', 'test@test.com');
select * from accounts;
delete from accounts where id=1;
```

#	Time	Action	Message
5	21:41:46	select * from accounts LIMIT 0, 1000	2 row(s) returned
6	21:42:58	delete from accounts where username='test'	Error Code: 1175. You are using safe update mode and yo
7	21:44:33	delete from accounts where username='test'	Error Code: 1175. You are using safe update mode and yo
8	21:45:00	select * from accounts LIMIT 0, 1000	2 row(s) returned
9	21:45:27	delete from accounts where id=1	1 row(s) affected
10	21:45:32	select * from accounts LIMIT 0, 1000	1 row(s) returned

Some Basic Queries From The SQL Command Line:

```
MySQL 8.0 Command Line Client
1 row in set (0.30 sec)

mysql> select * from accounts;
+----+--------------+-----------+--------------------+
| id | username     | password  | email              |
+----+--------------+-----------+--------------------+
|  2 | sujalgupta123 | sujal    | sujalgvs987@gmail.com |
|  3 | Kritika      | kritika123 | kritika123@gmail.com |
+----+--------------+-----------+--------------------+
2 rows in set (0.00 sec)

mysql> select * from accounts;
+----+--------------+-----------+--------------------+
| id | username     | password  | email              |
+----+--------------+-----------+--------------------+
|  2 | sujalgupta123 | sujal    | sujalgvs987@gmail.com |
|  3 | Kritika      | kritika123 | kritika123@gmail.com |
|  4 | piyush       | piyush123 | piyush123@gmail.com |
|  5 | kunal        | kunal123  | kunal123@gmail.com |
|  6 | abhay        | abhay123  | abhay123@gmail.com |
|  7 | sanchit      | sanchit123 | sanchit123@gmail.com |
|  8 | paras        | paras123  | paras123@gmail.com |
|  9 | ambika       | ambika123 | ambika123@gmail.com |
| 10 | pihu         | pihu123   | pihu123@gmail.com  |
| 11 | mahak        | mahak123  | mahak123@gmail.com |
| 12 | twentythree  | 23123     | twentythree123@gmail.com |
| 13 | gurleen      | gurleen123 | gurleen123@gmail.com |
+----+--------------+-----------+--------------------+
12 rows in set (0.00 sec)

mysql>
```

```
mysql> select username,email from accunts where id=12;
ERROR 1146 (42S02): Table 'pythonlogin.accunts' doesn't exist
mysql> clear;
mysql> clr;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server versio
 for the right syntax to use near 'clr' at line 1
mysql> clear;
mysql> select username,email from accounts where id=12;
+-------------+--------------------+
| username    | email              |
+-------------+--------------------+
| twentythree | twentythree123@gmail.com |
+-------------+--------------------+
1 row in set (0.00 sec)

mysql>
```

```
+--------------+---------------------------+
1 row in set (0.00 sec)

mysql> delete from accounts where id=6;
Query OK, 1 row affected (0.09 sec)

mysql>
```

```
mysql> select count(id);
ERROR 1054 (42S22): Unknown column 'id' in 'field list'
mysql> select count(id) from account;
ERROR 1146 (42S02): Table 'pythonlogin.account' doesn't exist
mysql> select count(id) from accounts;
+-----------+
| count(id) |
+-----------+
|        11 |
+-----------+
1 row in set (0.17 sec)

mysql>
```

```
mysql> select * from accounts order by desc;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that c
 for the right syntax to use near 'desc' at line 1
mysql> select * from accounts order by id desc;
+----+---------------+-------------+---------------------------+
| id | username      | password    | email                     |
+----+---------------+-------------+---------------------------+
| 13 | gurleen       | gurleen123  | gurleen123@gmail.com      |
| 12 | twentythree   | 23123       | twentythree123@gmail.com  |
| 11 | mahak         | mahak123    | mahak123@gmail.com        |
| 10 | pihu          | pihu123     | pihu123@gmail.com         |
|  9 | ambika        | ambika123   | ambika123@gmail.com       |
|  8 | paras         | paras123    | paras123@gmail.com        |
|  7 | sanchit       | sanchit123  | sanchit123@gmail.com      |
|  5 | kunal         | kunal123    | kunal123@gmail.com        |
|  4 | piyush        | piyush123   | piyush123@gmail.com       |
|  3 | Kritika       | kritika123  | kritika123@gmail.com      |
|  2 | sujalgupta123 | sujal       | sujalgvs987@gmail.com     |
+----+---------------+-------------+---------------------------+
11 rows in set (0.00 sec)

mysql>
```

```
mysql> select * from accounts order by email desc;
+----+---------------+-------------+----------------------------+
| id | username      | password    | email                      |
+----+---------------+-------------+----------------------------+
| 12 | twentythree   | 23123       | twentythree123@gmail.com   |
|  2 | sujalgupta123 | sujal       | sujalgvs987@gmail.com      |
|  7 | sanchit       | sanchit123  | sanchit123@gmail.com       |
|  4 | piyush        | piyush123   | piyush123@gmail.com        |
| 10 | pihu          | pihu123     | pihu123@gmail.com          |
|  8 | paras         | paras123    | paras123@gmail.com         |
| 11 | mahak         | mahak123    | mahak123@gmail.com         |
|  5 | kunal         | kunal123    | kunal123@gmail.com         |
|  3 | Kritika       | kritika123  | kritika123@gmail.com       |
| 13 | gurleen       | gurleen123  | gurleen123@gmail.com       |
|  9 | ambika        | ambika123   | ambika123@gmail.com        |
+----+---------------+-------------+----------------------------+
11 rows in set (0.00 sec)

mysql>
```