**DBMS Assignment 4 Report**

Group Members:

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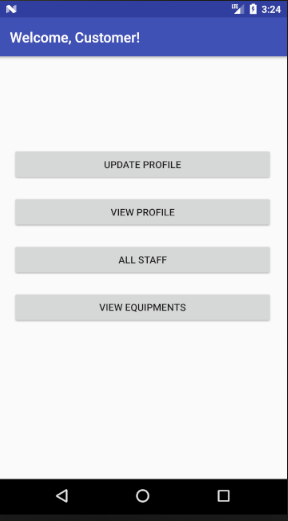
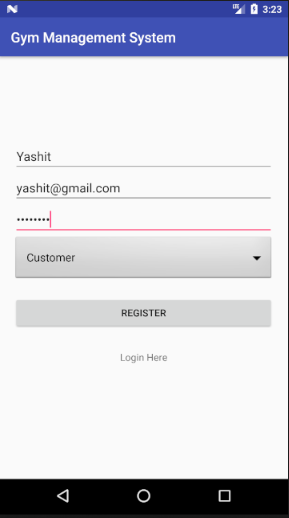
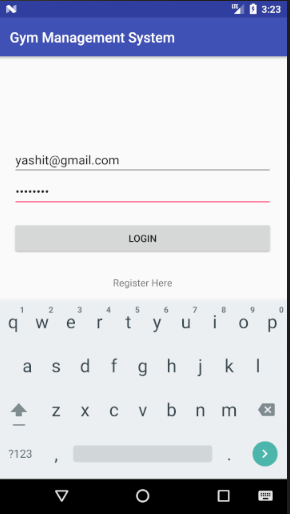
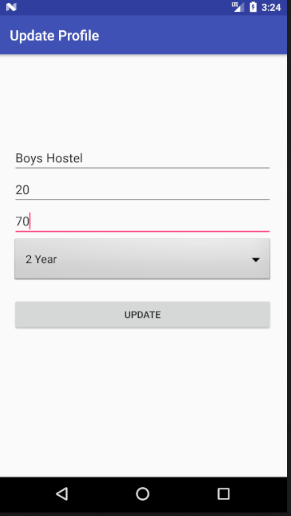
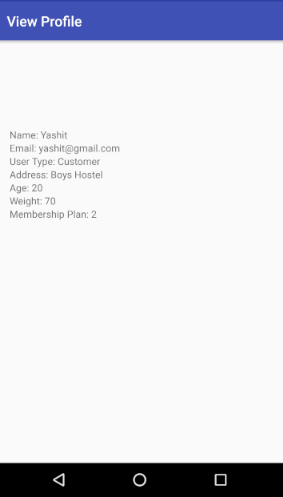
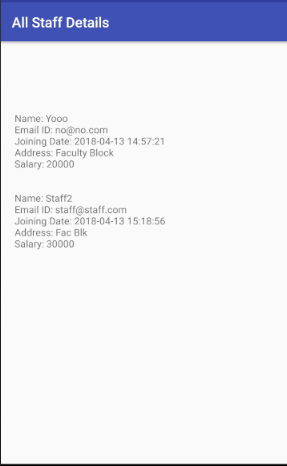
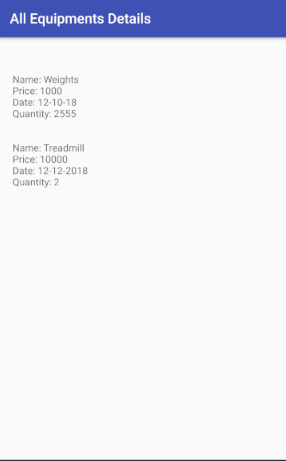
SQL Queries:

* **Simple Queries**

1. **Register**: *INSERT INTO users VALUES(NULL, '<name>','<email>','<password>','<join\_date>','<user\_type>');*
2. **Login**: *SELECT \* FROM users WHERE email = '<email>' AND password = '<password>'*
3. **Update Customer Profile**: *INSERT INTO customers VALUES(NULL, <userId>, <membership\_plan\_id>, '<address>', <age>, <weight>);*
4. **Update Staff Profile**: *INSERT INTO staff VALUES(NULL, <userId>, '<address>',<salary>);*
5. **Add** **Equipment***: INSERT INTO equipment VALUES(NULL, '<name>','<price>','<date>','<type>');*
6. **View All Equipments**: *SELECT \* FROM equipment*

* **Complex Queries**

1. **View Customer Profile**: *SELECT \* FROM customers INNER JOIN users ON* *customers.user\_id = users.id WHERE customers.user\_id = <userID>*
2. **View Staff Profile**: *SELECT \* FROM staff INNER JOIN users ON staff.user\_id = users.id WHERE staff.user\_id = <userID>*
3. **View All Customers with Particular Membership**: *SELECT \* FROM users INNER JOIN customers ON users.id = customers.user\_id INNER JOIN membership\_plan ON customers.membership\_plan\_id = membership\_plan.id WHERE users.user\_type = 'Customer' AND customers.membership\_plan\_id = <plan\_id>*
4. **View All Customers**: *SELECT \* FROM users INNER JOIN customers ON users.id = customers.user\_id INNER JOIN membership\_plan ON customers.membership\_plan\_id = membership\_plan.id*
5. **View All Staff**: *SELECT \* FROM users INNER JOIN staff ON users.id = staff.user\_id WHERE users.user\_type = 'Staff'*

Customer Snapshots 

Staff Snapshots

