## DATABASE MANAGEMENT SYSTEM

### MINI-PROJECT- REPORT

#### LANGUAGE LEARNING APP

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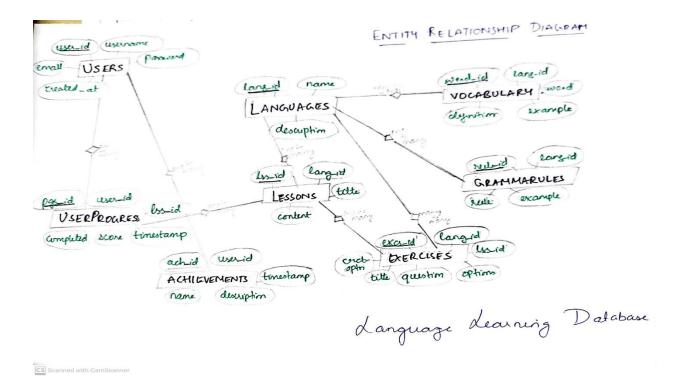
Sem&Sec: 5H

### An Overview

This project has a simple language learning database created using MySQL that has entities like Languages, Lessons etc. The user is to login and learn the chosen language through exercises and vocabulary and their progress shall be recorded.

The backend is MySQL and Python Flask and the front end is React

# ER Diagram

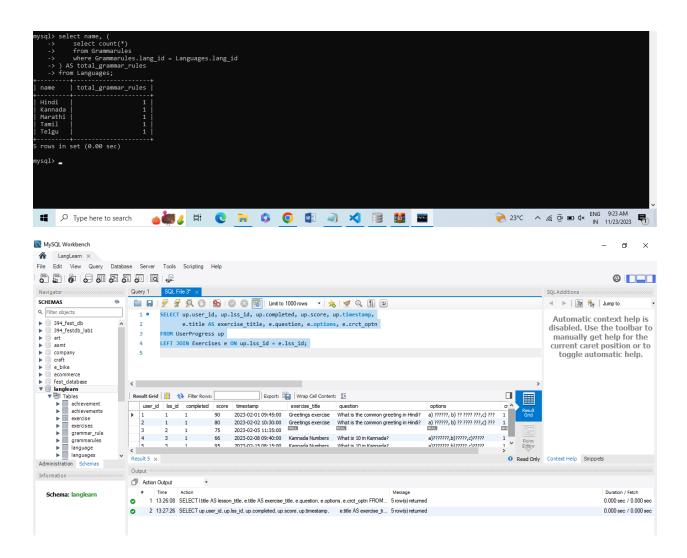


## Relational Schema

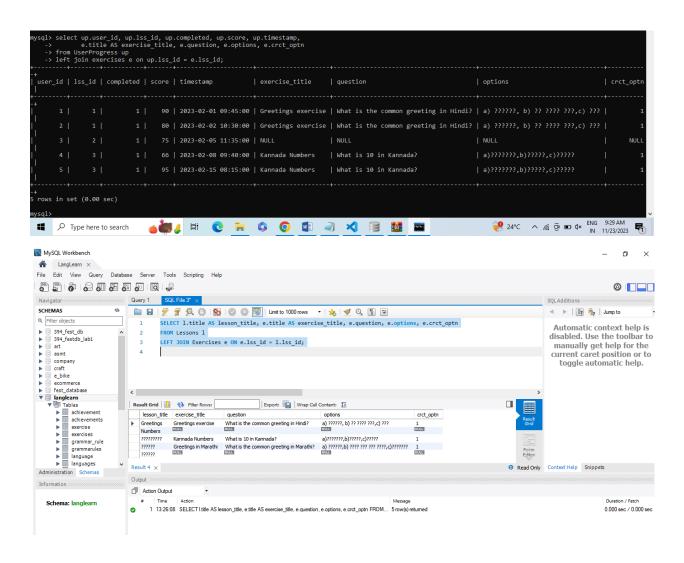
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	RELATIONAL SHEMA
CS Soans	Languerge Learning Database.

#### Trigger-

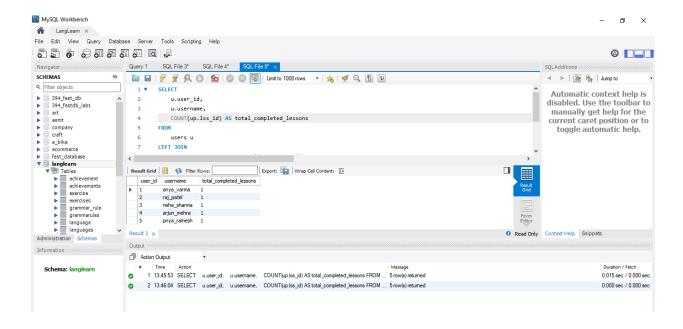
#### Nested query



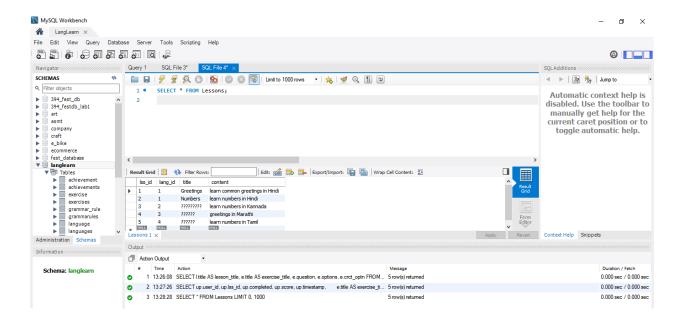
Join - left join



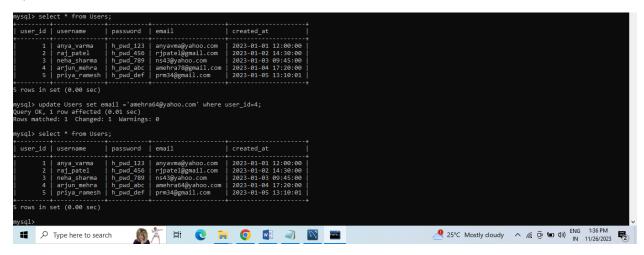
#### Aggregate query

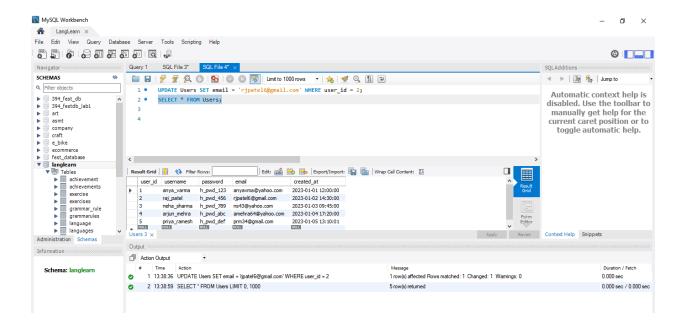


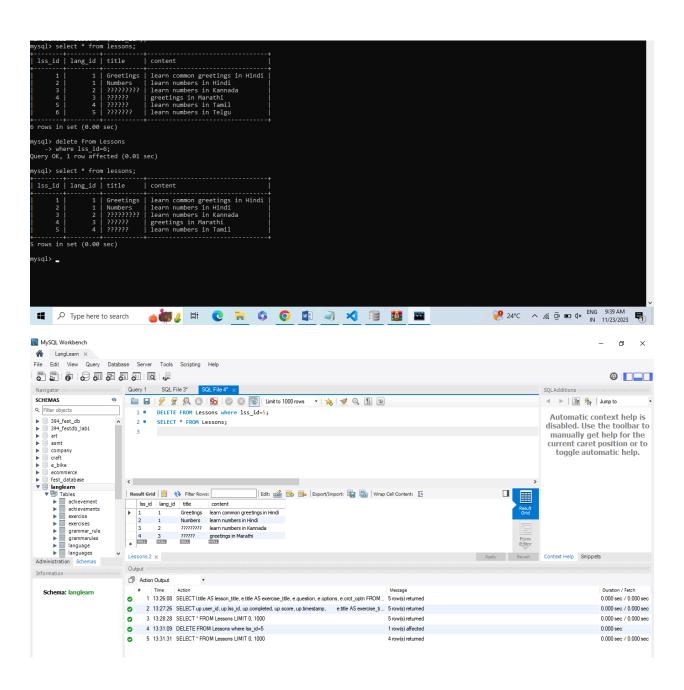
# Select (Read operation)-



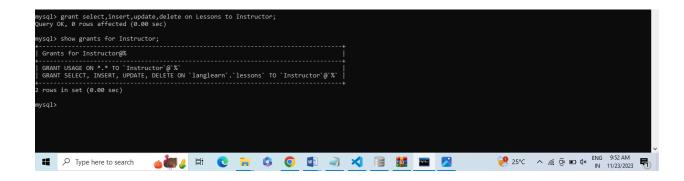
#### Update -

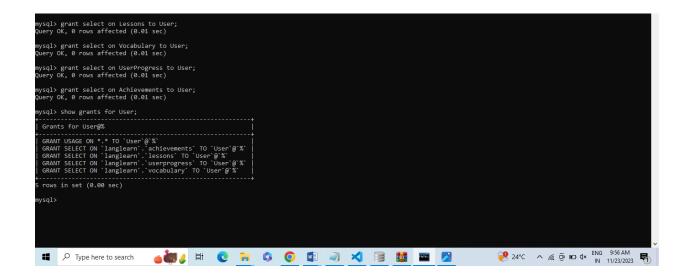


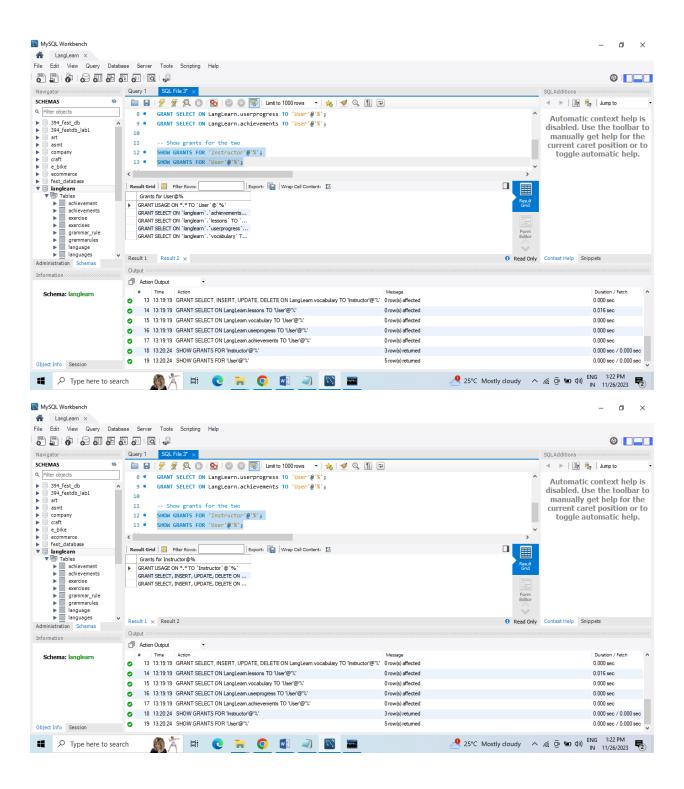




Privileges – Instructor and User







#### Function

```
mysql> select GetUserDetails(2);

| GetUserDetails(2) |
| User: raj.patel |
| Completed Lessons: Greetings
Achievements: Beginner Language Learner |
| Trow in set (0.00 sec)
```

