DBT PROJECT REPORT

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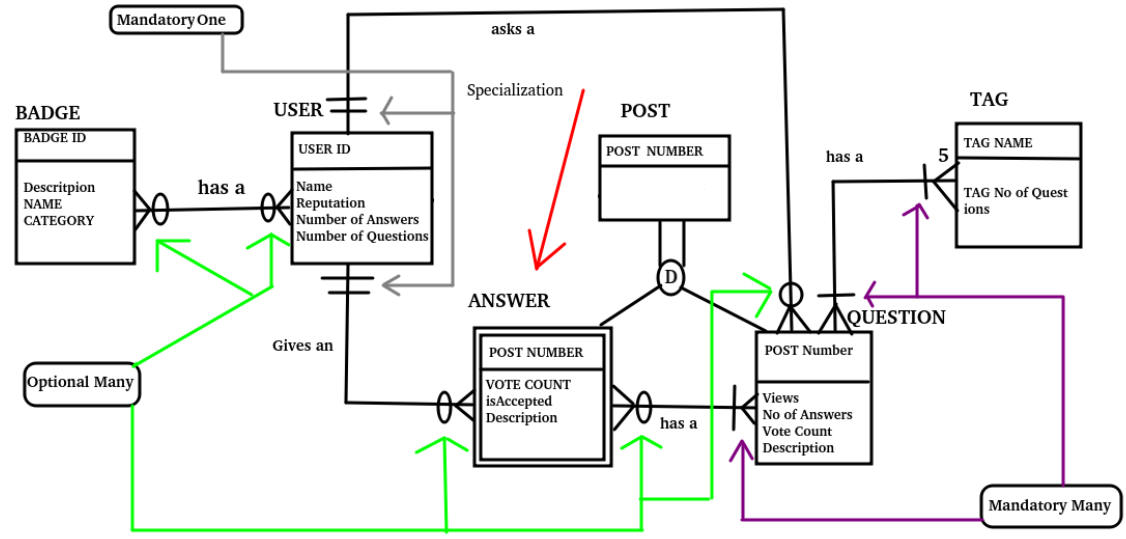
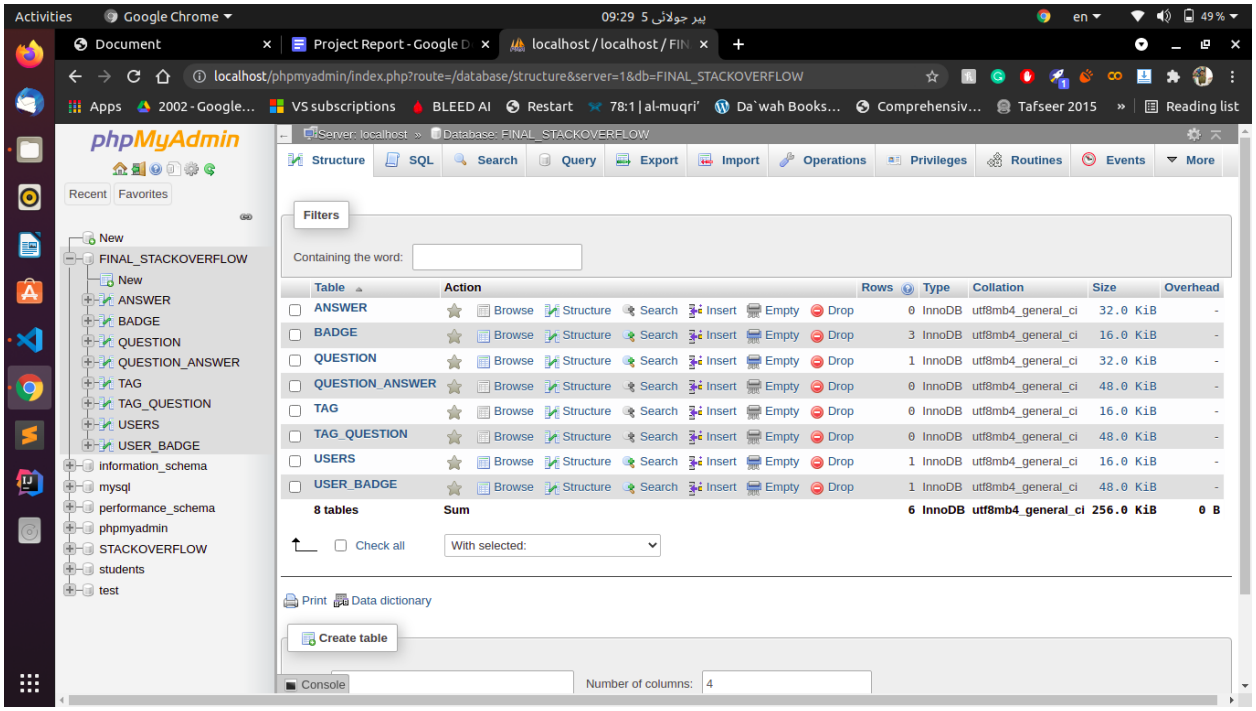
Project Title: Stackoverflow Management System

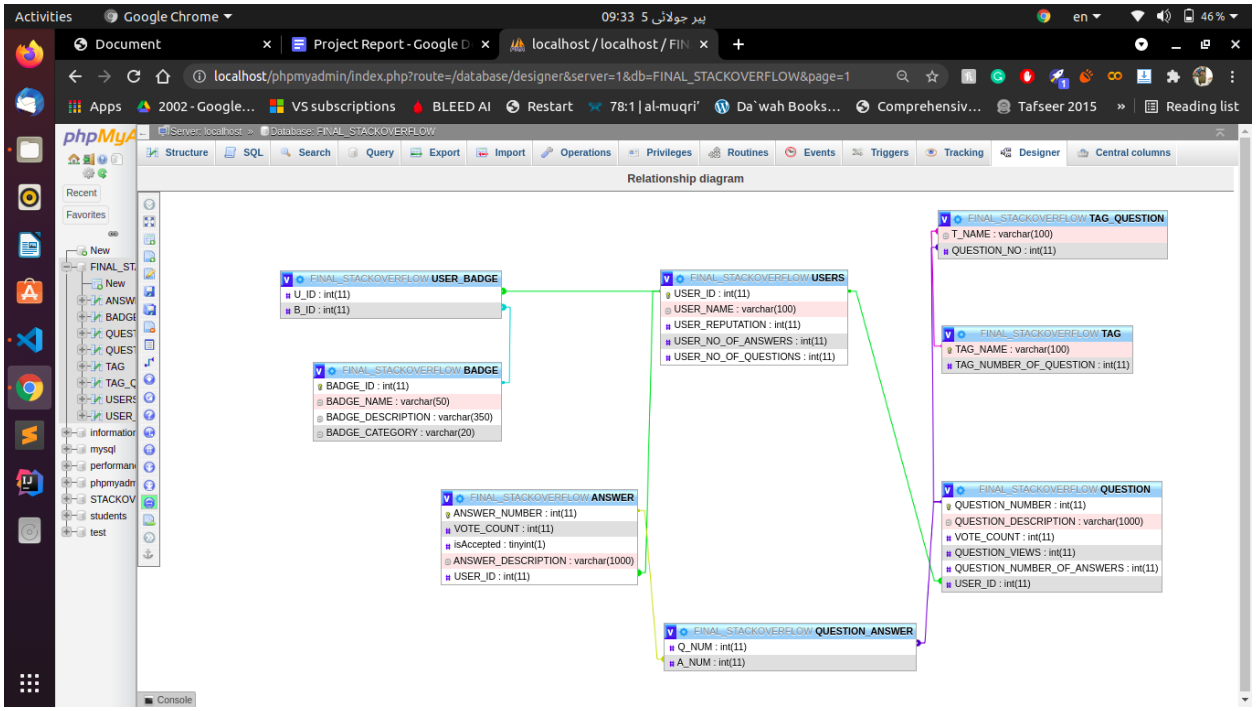
Project EERD:



Database Design in MYSQL:



Relationship Diagram in MYSQL



Web Application SETUP

Backend:

Built using Flask, a microframework in Python Programming Language for web servers.
Flask_MYSQLDB was used for database connection of Python flask with mysql

Note: Flask is not a automated webapp making like wordpress, infact it is like PHP where we have to hardcode all the web application. Pondering over application code will make it clear.

Front End:

HTML, CSS, bootstrap, and jinja templates were used.

Code is uploaded in ZIP File.
To run the code:

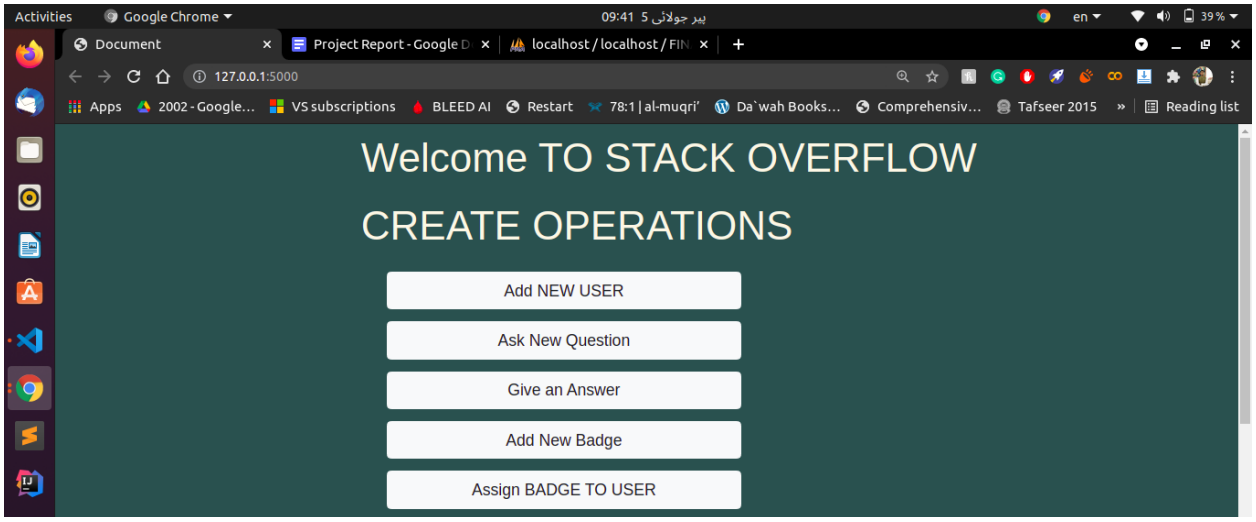
1) Install Python
2) Install Flask, FLask_MYSQLDB
3) Install Pandas, BeautifulSou[
4) For Windows: set FLASK_APP=app.py
5) For Linux: export FLASK_APP=app.py
6) flask run

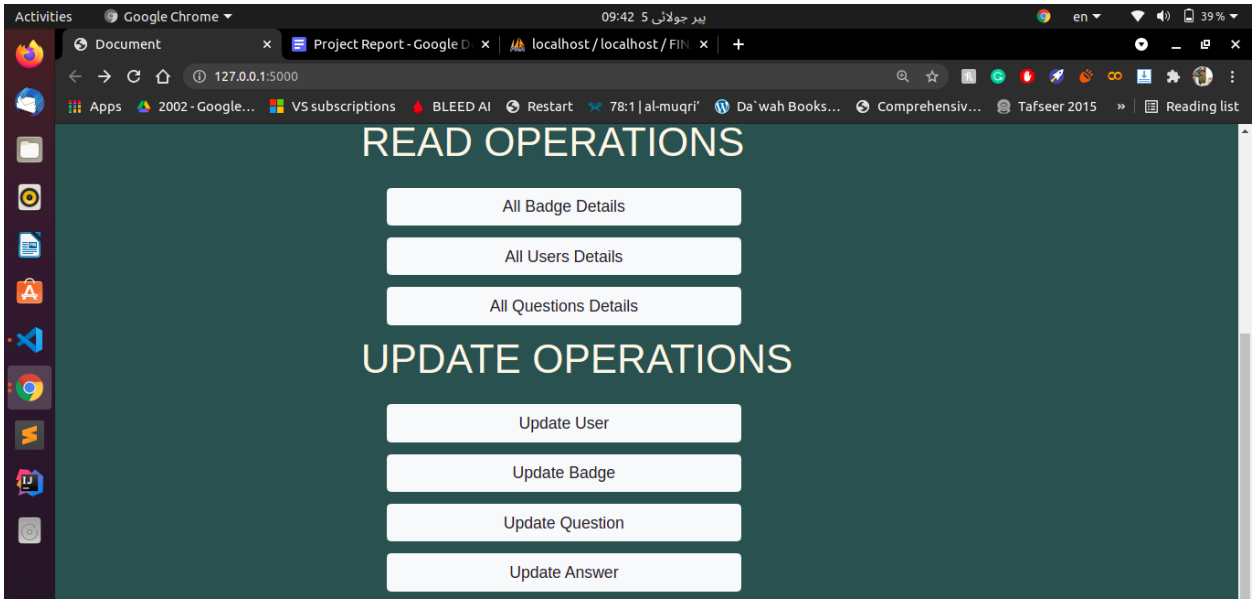
Project Structure

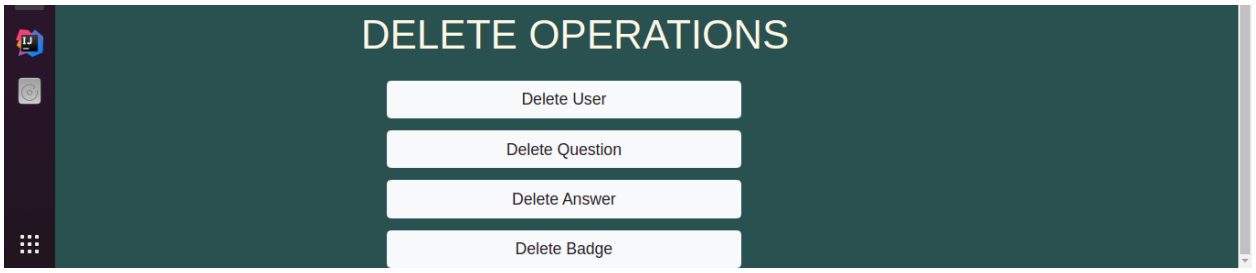
Project_Folder
------- Templates
----------All Html PAGES
------- Static
----------All CSS/JS Code
------- app.py (Main Python file for server side code)

Screenshots of web app

Home PAGE

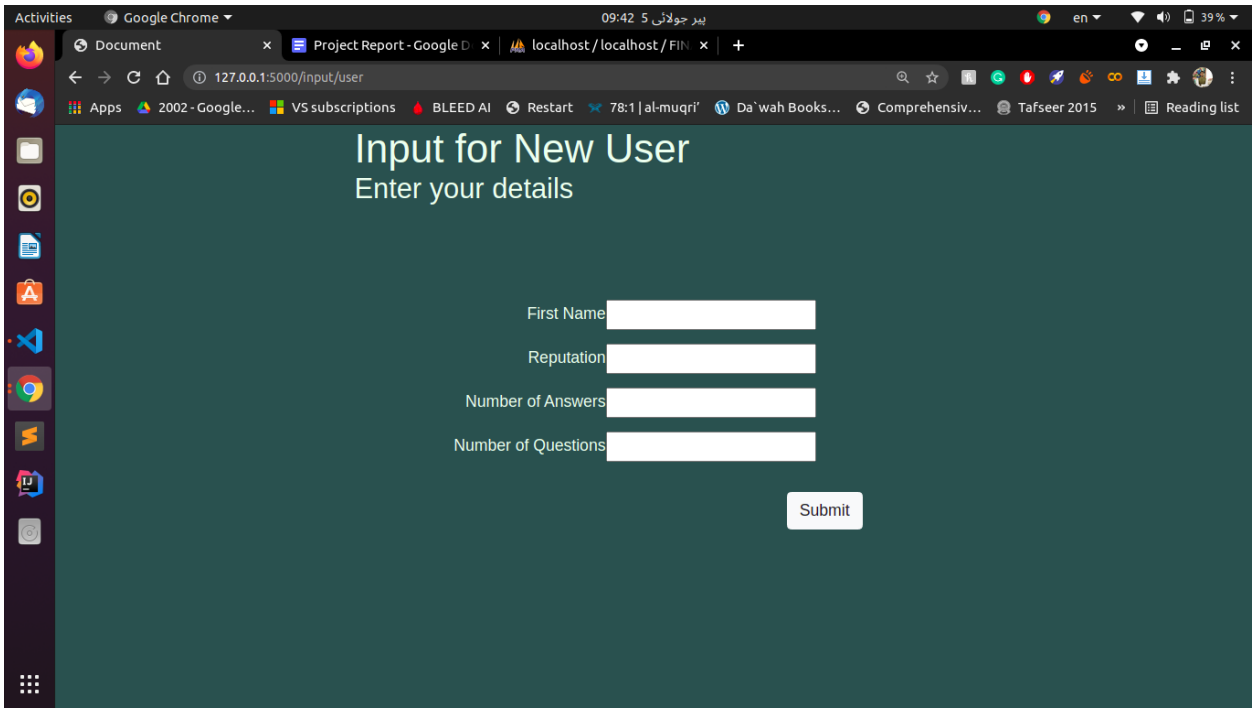

Welcome TO STACK OVERFLOW
CREATE OPERATIONS
Add NEW USER
Ask New Question
Give an Answer
Add New Badge
Assign BADGE TO USER


READ OPERATIONS
All Badge Details
All Users Details
All Questions Details
UPDATE OPERATIONS
Update User
Update Badge
Update Question
Update Answer

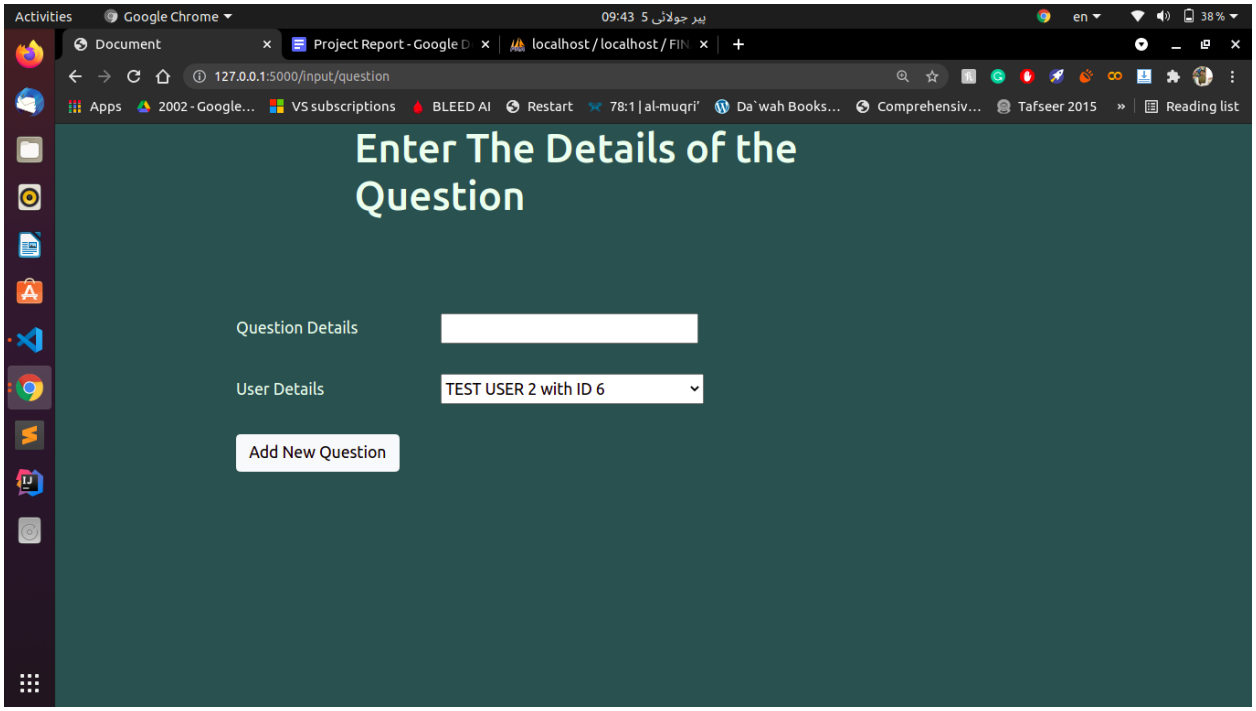

DELETE OPERATIONS
Delete User
Delete Question
Delete Answer
Delete Badge

Input OPERATIONS

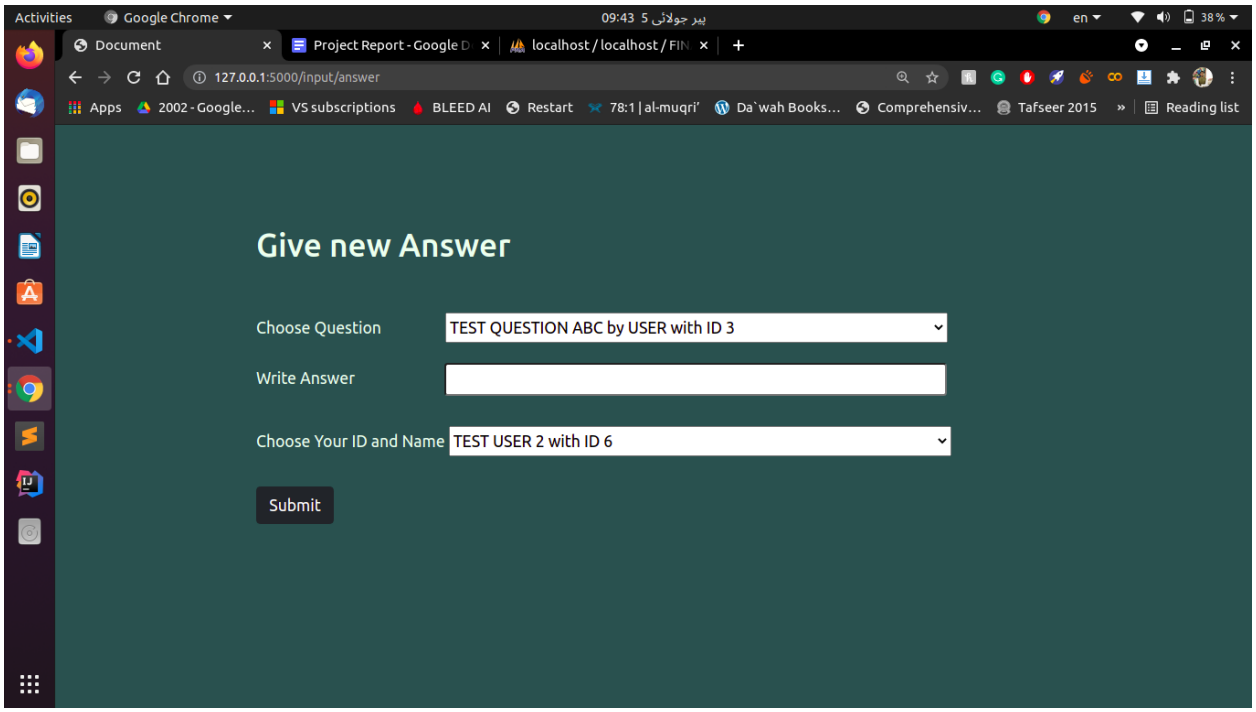
- INPUT USER



- Input QUESTION



- Input Answer



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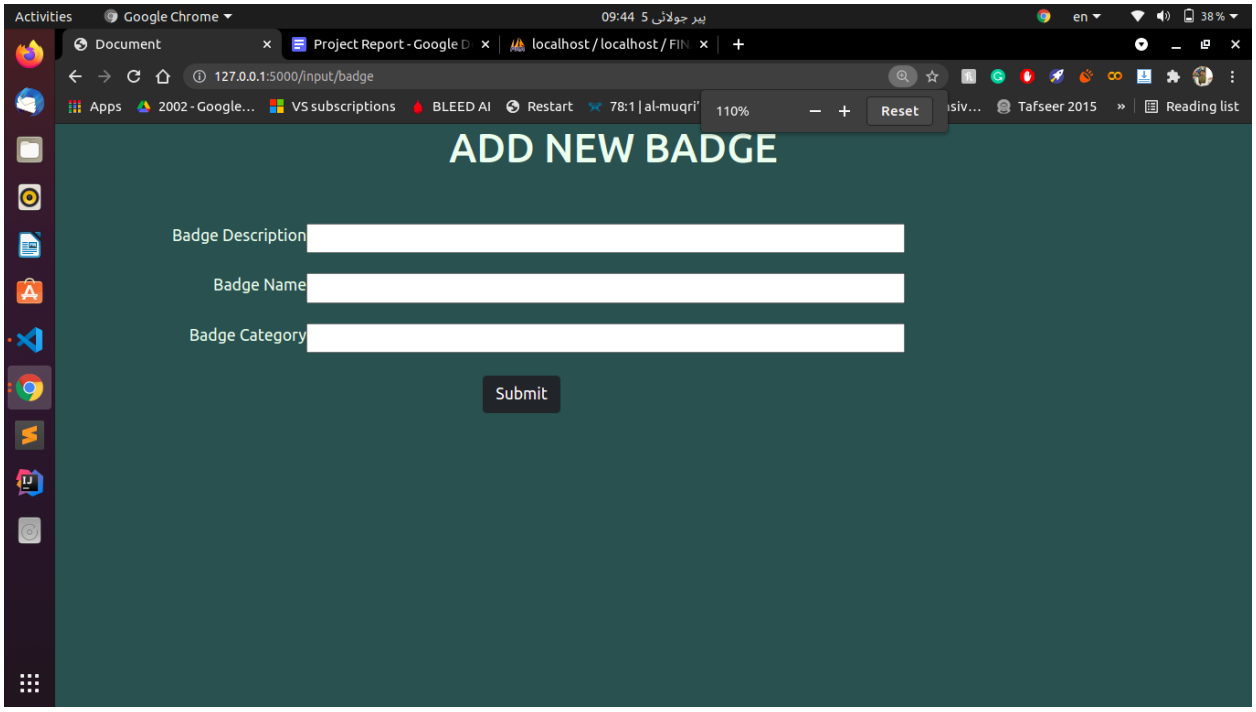
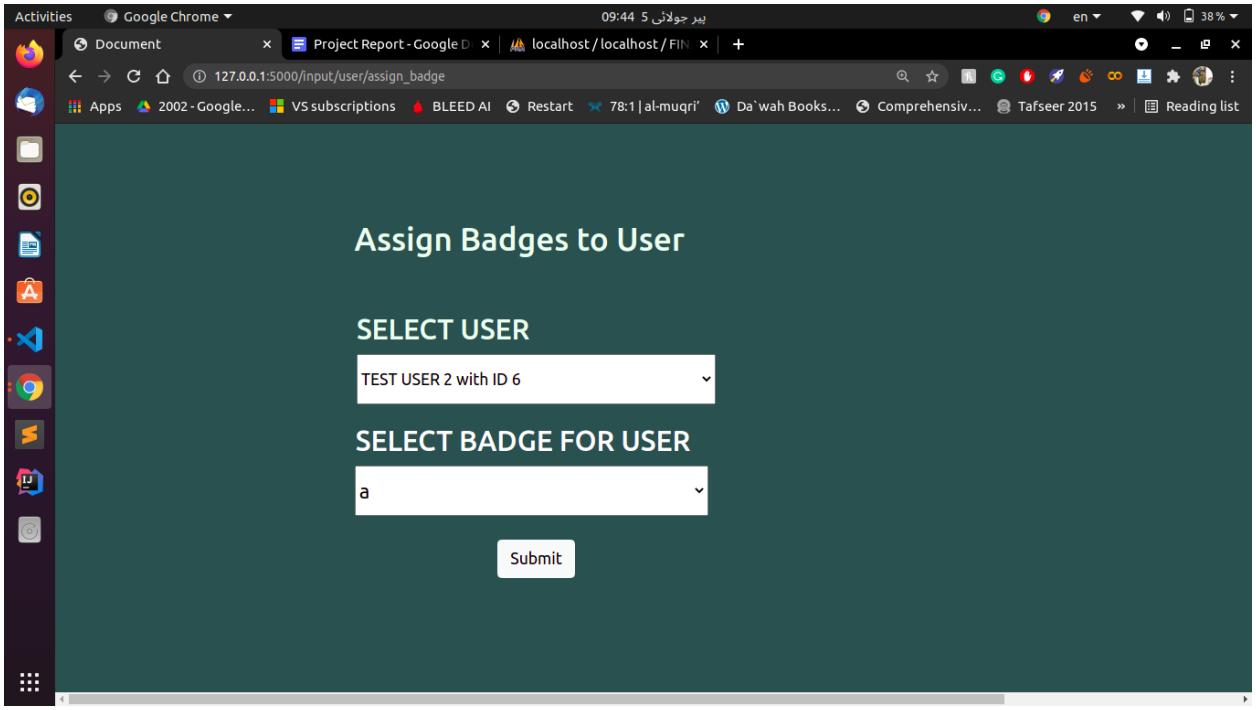
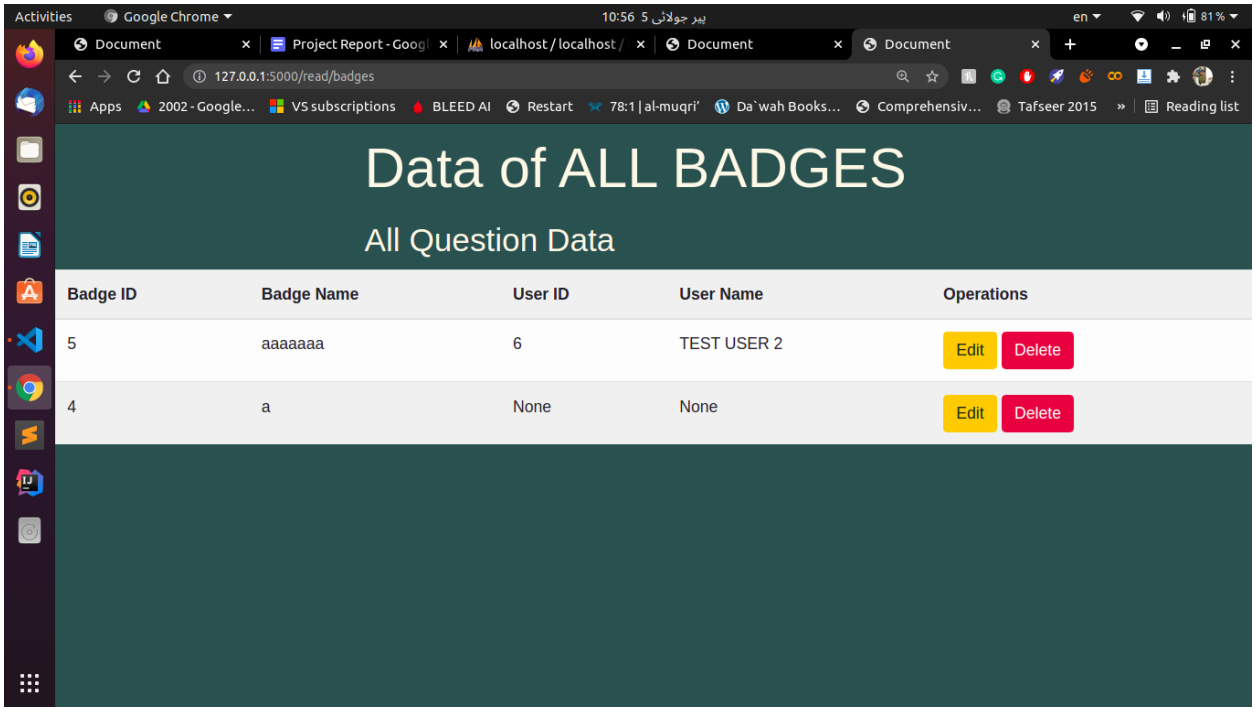


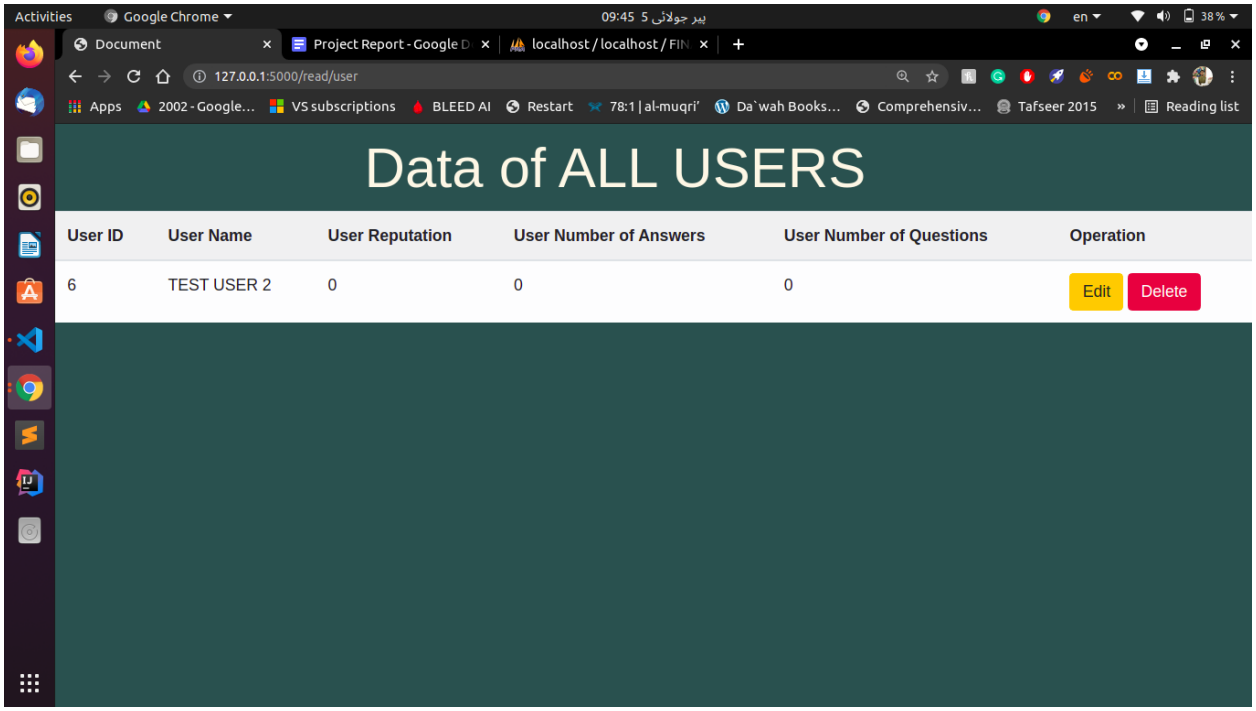


Read Operations

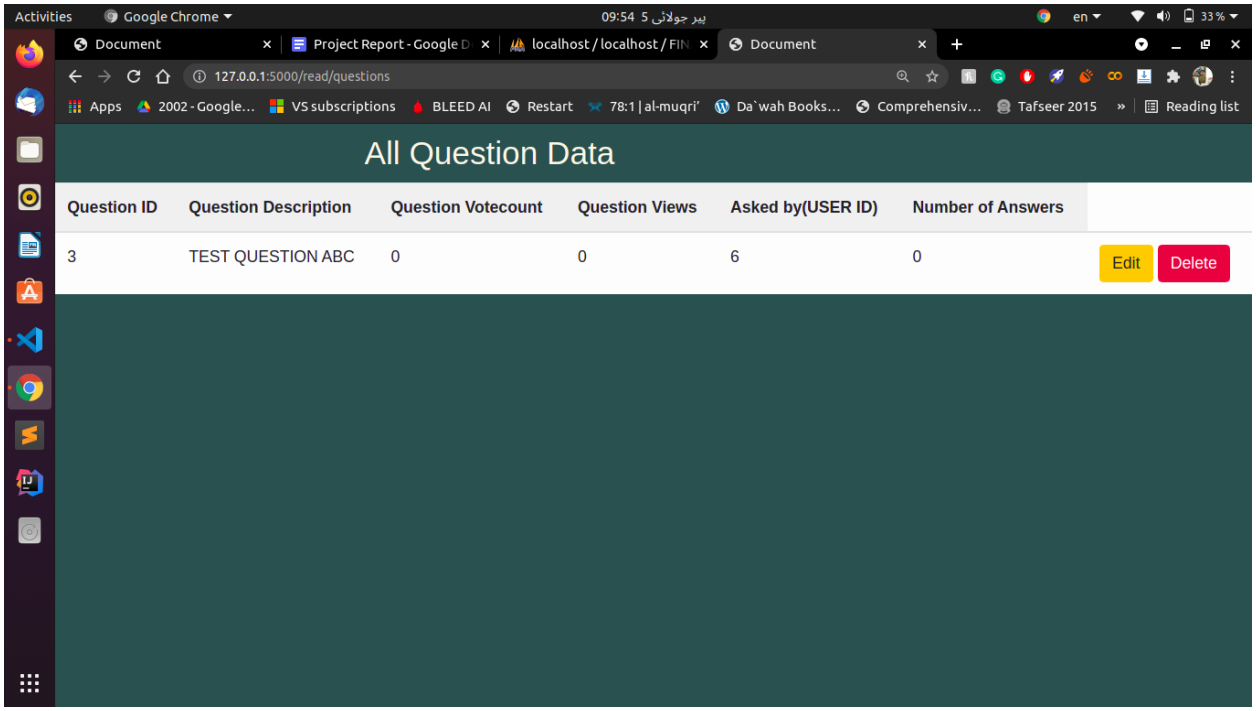
- Read Badge



- Read USERS

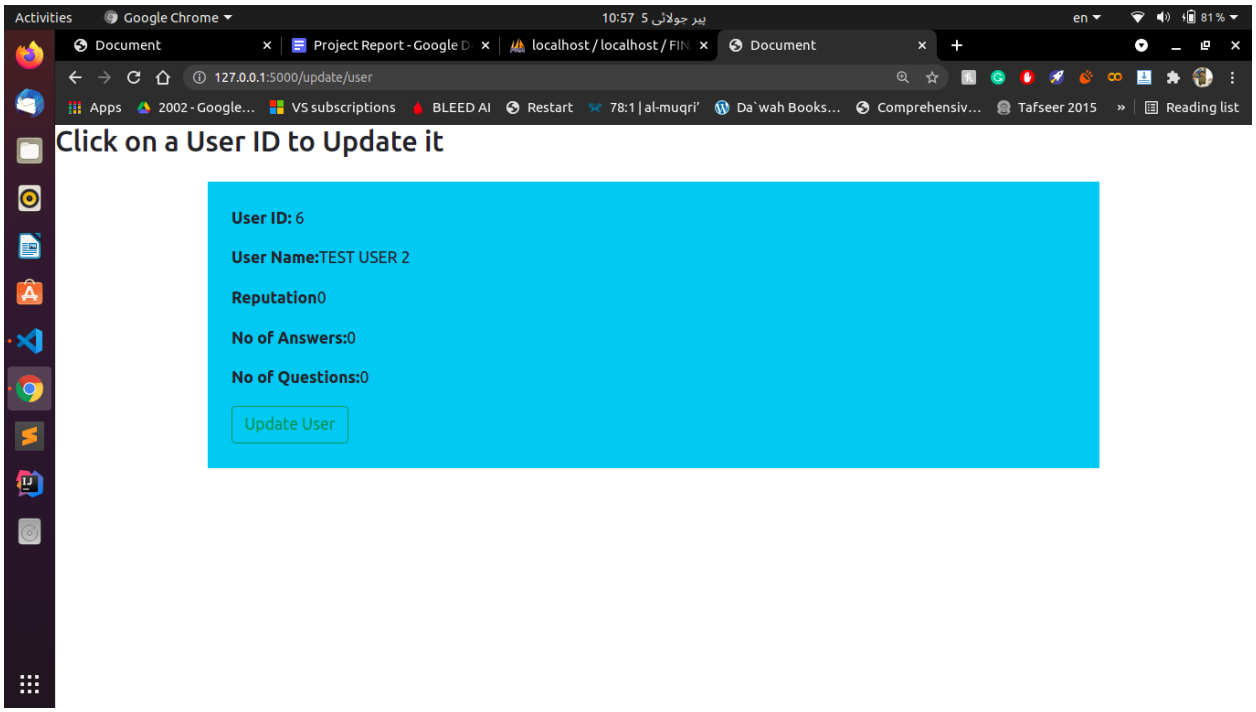


- Read Question

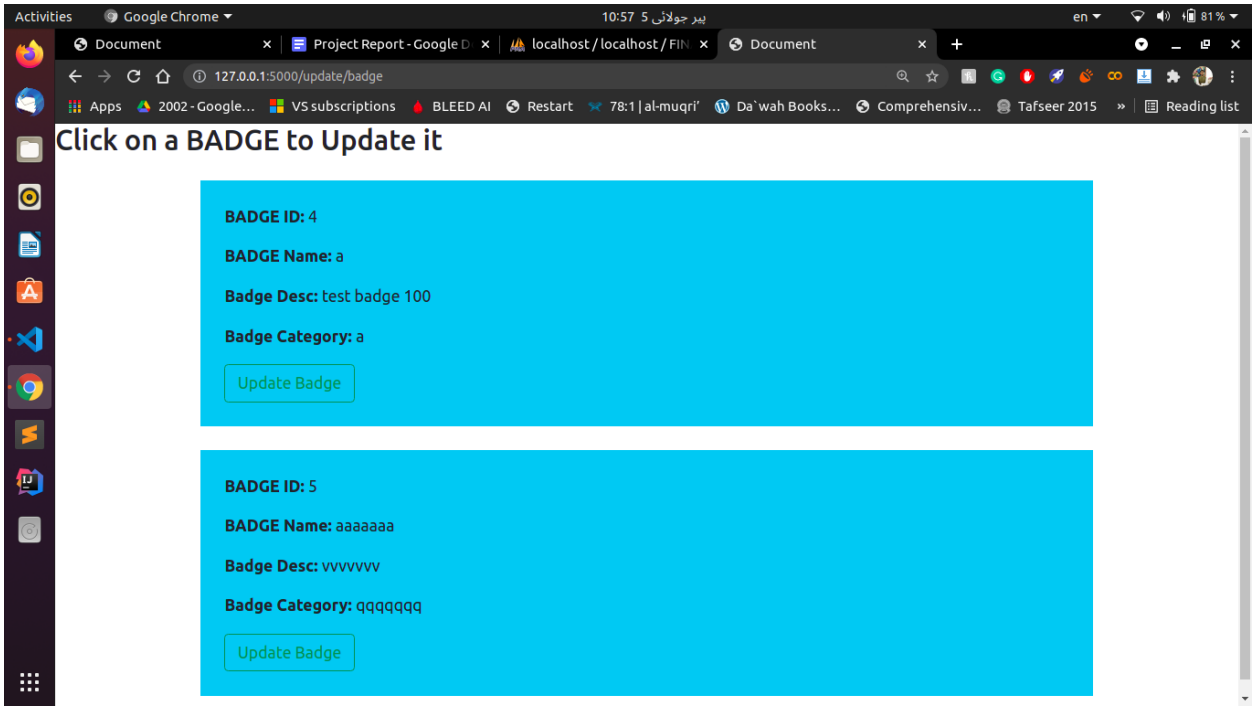


Update Operations

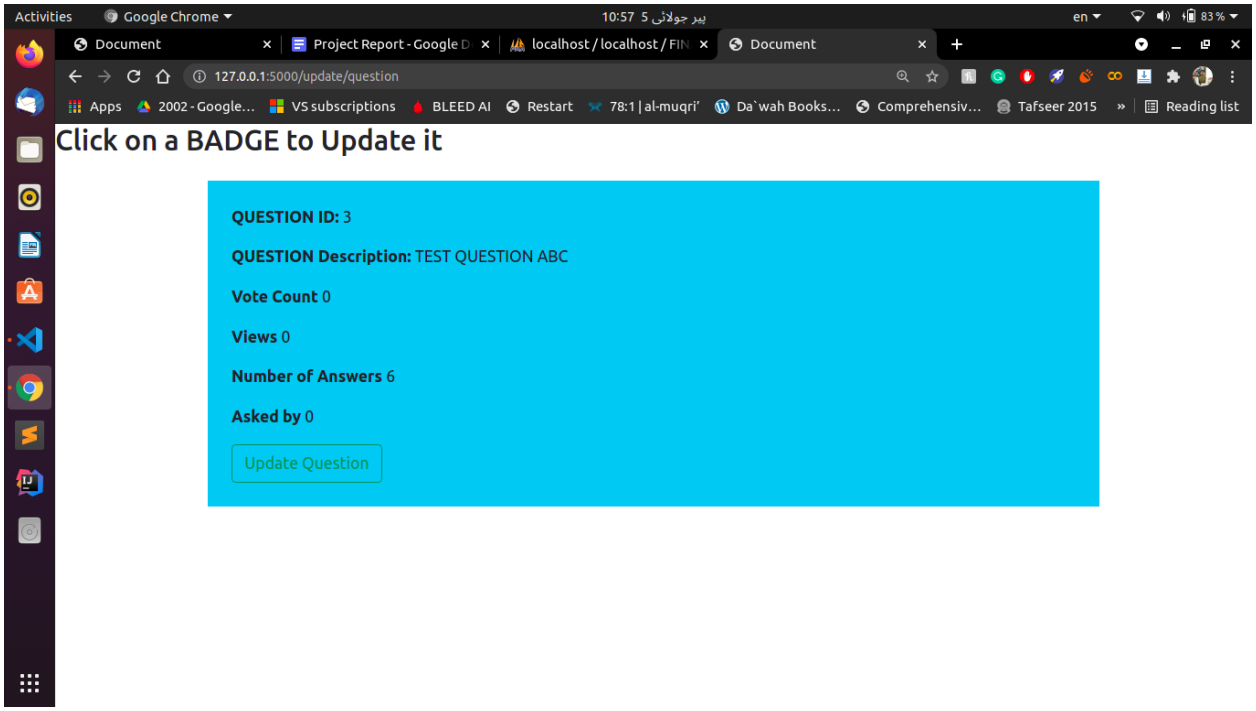
- Update USER(DESIGN NOT FINALISED YET)



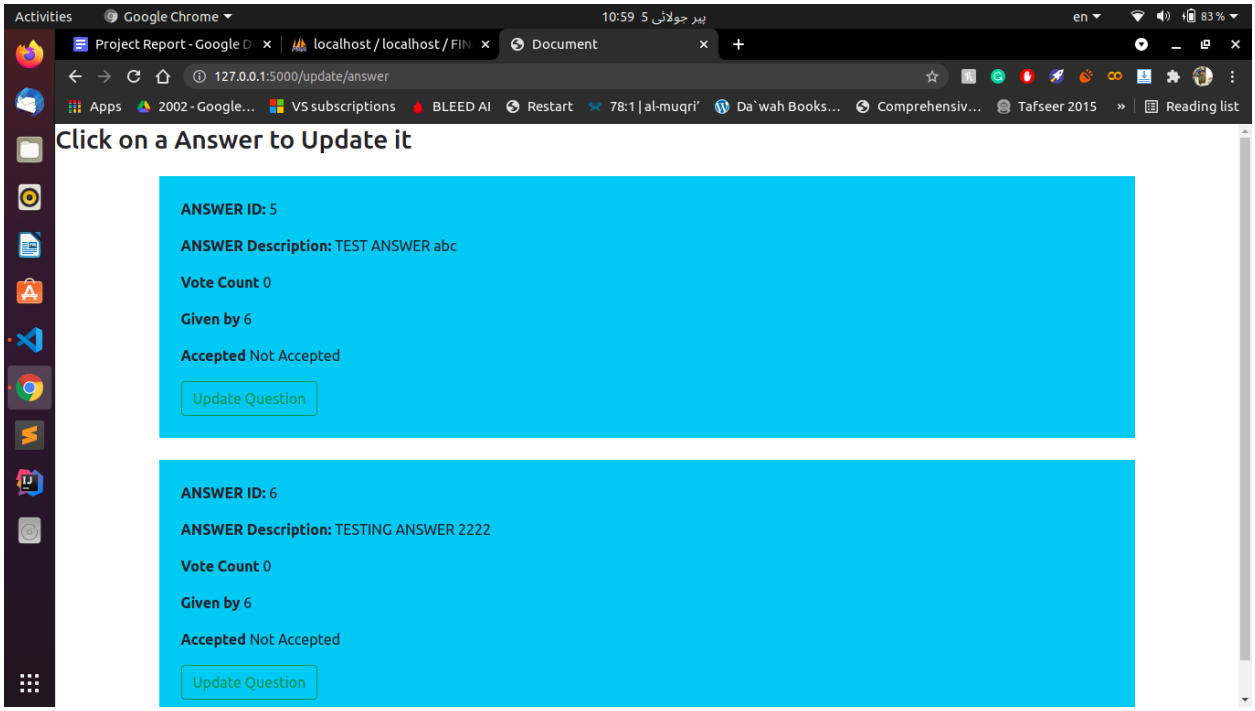
- Update Badge



- Update Question

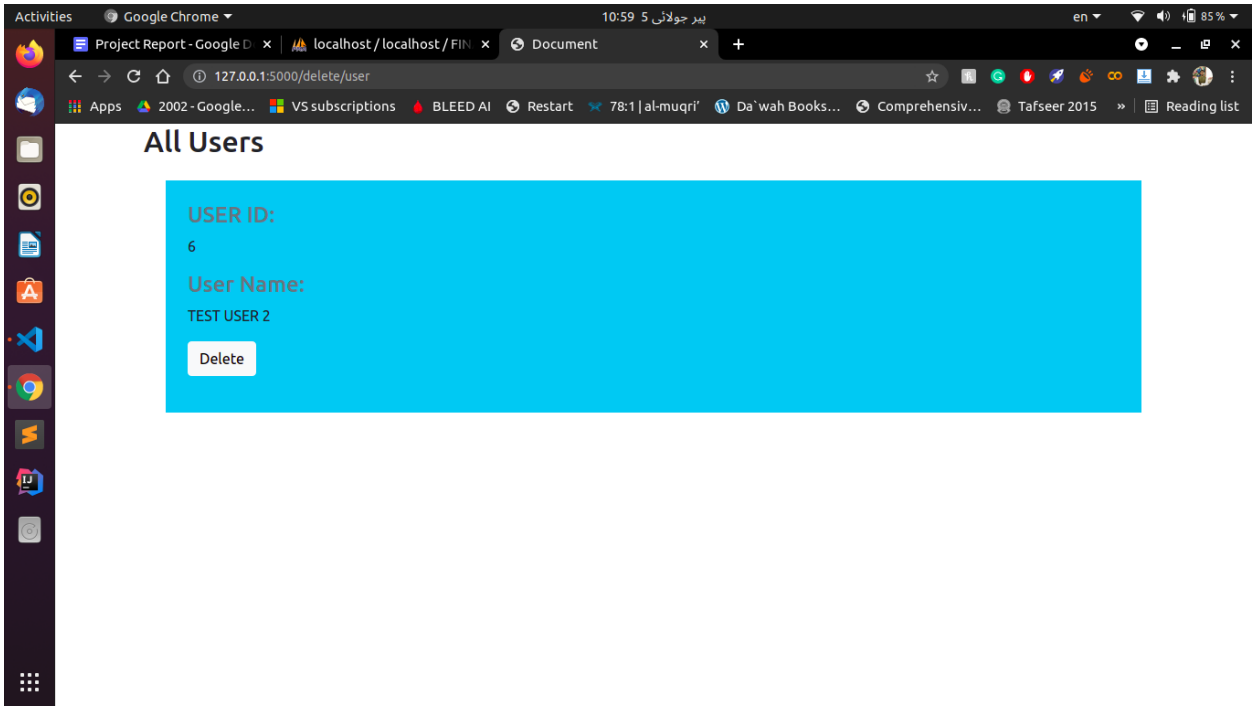


- Update Answer

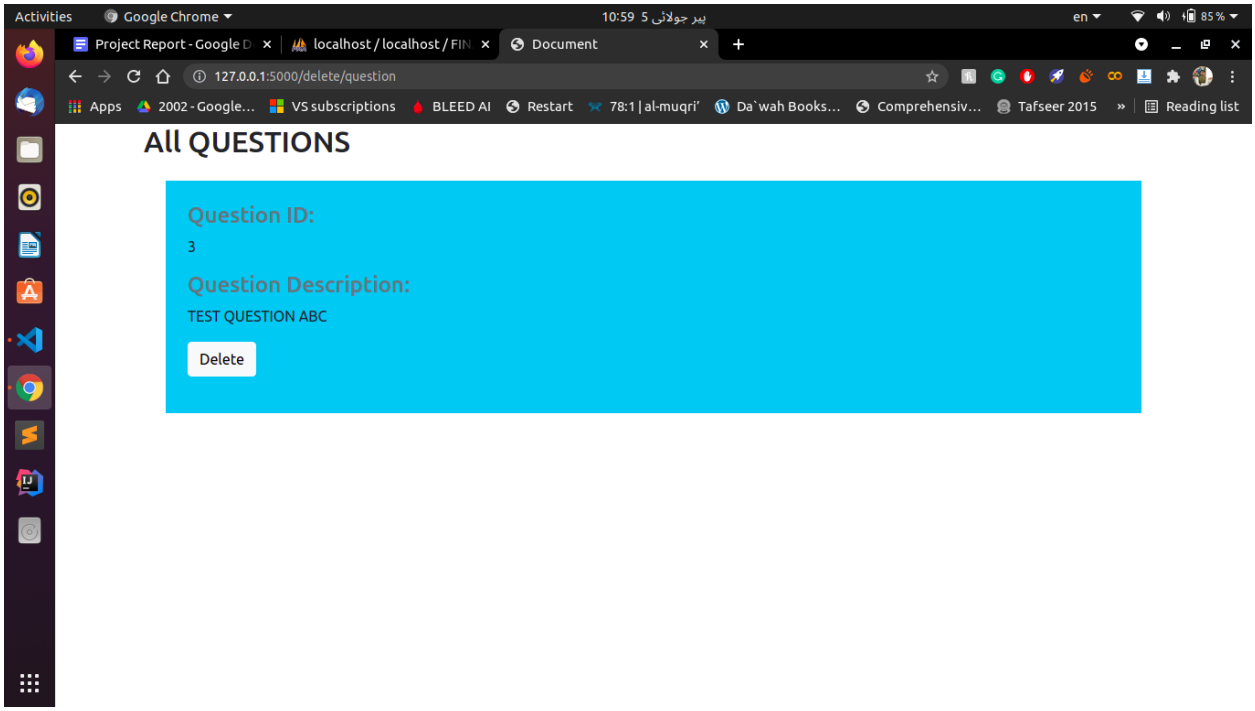


Delete Operations

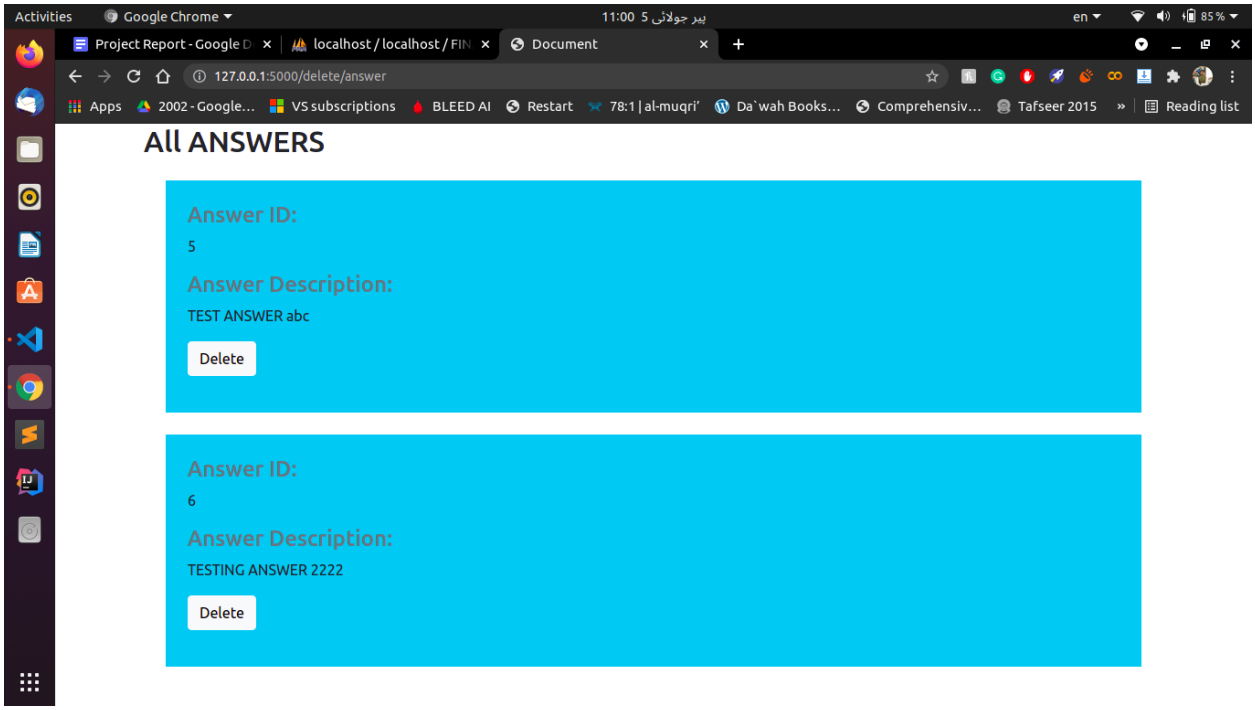
- Delete USER



- Delete Question



- Delete Answer



- Delete Badge