CS3563 Assignment-2

Programming Languages:
- Front End Development:
  - HTML
  - CSS
  - JavaScript
  - ReactJS
  - Vite
- BackEnd Development:
  - Flask (python)
  - Sqlite

Contribution:
1. Chandrahas Dondapati(AI21BTECH11010):
   a. BackEnd
2. Bhanu Prasad Jarpula(AI21BTECH11015):
   a. FrontEnd
3. Lokesh Badisa(AI21BTECH11005):
   a. FrontEnd
4. Manoj Kumar(ES21BTECH11010):
   a. FrontEnd

Application architecture:

Frontend:
Front end is built using ReactJs library. It contains login, register, home, add question, edit question pages/screens. Templates are written in HTML and CSS. Connectivity with the backend is done with axios which sends http post/get requests containing appropriate data to the backend server.

Backend:
The backend is written in python using the flask framework and uses the default flask development server. Any persistent data is stored in a local sqlite database.
The server receives http requests from the front end and reads/ modifies the sqlite database appropriately based on the request. It then sends a response to the front end containing appropriate data.

How you built the application:

Frontend: From ReactJS documentation, Youtube and stack-overflow.

Backend:
I learnt using the flask framework from documentation and stack-overflow.
And then i wrote code while periodically testing it with Thunder Client to catch any bugs.