

## Author

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My name is Syed Asadullah , currently I am pursuing BS Data Science from IIT Madras and I love to code.

## QUIZ Statement

Quiz Master V-2 is a platform used to manage , create, update and delete the quiz and make people attempt the quiz.It is a multi-user app (one requires an administrator and other users) that acts as an exam preparation site for multiple courses.

## Description

1. In this quiz I used flask creating apis which is used to create, update and delete the quiz and I used vue js and bootstrap to make the frontend and I also used sqlite for storing the data.
2. I used it 48% of AI in this project as I used it to create Ui and lots of frontend stuff

## Technologies used

1. Flask = use for backend
2. Flask\_sql\_alchemy = for database manipulation
3. Vue= for rendering data
4. Vue router=for routing
5. Bootstrap=for styling
6. Sqlite = as a database
7. Flask\_jwt\_extended= for security

## DB Schema Design

[https://drive.google.com/file/d/1Aml38CJWMh32xDthsq63AhHIC\\_fQTkjD/view?usp=sharing](https://drive.google.com/file/d/1Aml38CJWMh32xDthsq63AhHIC_fQTkjD/view?usp=sharing)

I created database like this because there are 3-4 many to one relationships, in my opinion it one of the good way of managing those relationships

## API Design

[https://drive.google.com/file/d/1Alylez5wg3NXkridVZESLw1iudRHHMwt/view?usp=drive\\_link](https://drive.google.com/file/d/1Alylez5wg3NXkridVZESLw1iudRHHMwt/view?usp=drive_link)

All the controllers work on these api.

## Architecture and Features

1. My app has frontend folder and backed folder
2. All the controllers and flask database model and apis path are in app file inside backend folder
3. Database are in database file which is inside the backed folder
4. All frontend files are in the frontend folder.

### Features

1. create/updation/deletion of quiz,
2. Users can attempt a quiz.
3. Dashboards and Data metrics
4. Admin search and admin can manage users

## Video

<https://drive.google.com/file/d/1po0KL4tKzk94yDiTtjMQmR2fVlu7uHuQ/view?usp=sharing>