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Description

FEARGO(name of my app) is a simple online quiz application. It is a multi-user app with login, register, enrol in many subject and have different modules covers in each subject which varies in expertise from school to graduate can give quiz and test their knowledge.

User can enrol in multiple quizzes of multiple subjects and it is having an interactive consumer chart where you can see your progress.

Admin will add/edit/delete subject on the basic of demand and if he finds unsuitable it can add/edit/delete module if he/she finds unsuitable and admin will make quiz which is having multiple question that will be displayed in the user dashboard and user can attend it and can test their knowledge admin can block and delete any user if admin finds user is doing something that is against our policy. Admin will have a dashboard that displayed the graph of average of all subject submitted by all users.

Technologies used

1. Python (Programming Language)
2. Flask (Web Framework)
3. HTML (HTML Doc.)
4. Bootstrap
5. Flask-SQLAlchemy
6. Jinja2
7. Java script charts

Architecture

The project reside in mad1prohct folder inside where there is 22f1001146.pdf and requirement.txt & controller.py by which we run and start our application and there are folders which are applications that have python files for smooth function of backend which are authorisation.py, config.py, db.py, model.py, route.py. and there are folder like static which have logo pic inside it which used for reference to jinja2 template and there is template folder that has html file.

Video of project

<https://drive.google.com/file/d/1r6078FjKpBA5Rea6AkFCNJ43UtSSyIfK/view?usp=sharing>

ER Diagram

