

Project Report:

Student details:

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Introduction: Hi, my name is Vikas. Currently i am in diploma level student and i really learnt a lot of new things with this project, it cover everything you need to build foundation web and software development

Description:

To build basic quiz application we need users an super user that can add quizzes and manage users , similar like our OPPE web application application where user can login and start giving but in this is not proctored exam

Technologies used:

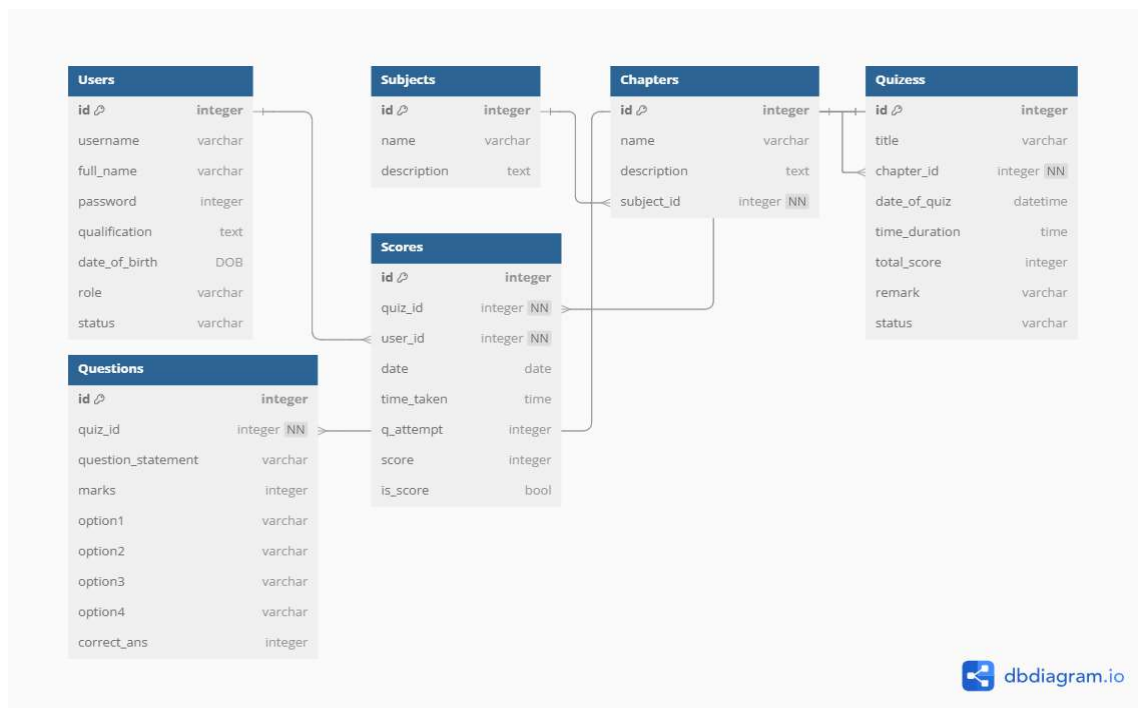
Flask: handling responses , defining routes of application and logics

Flask_Sqlalchmey: for models, changes in models and handling queris

Jinja: for rendering templates

Sqlite3: for database storing users data

DB Schema Design: contain all tables and respective relations



Architecture and Features

Architecture:

Following architecture are recommended for flask application

Under models folder contains database.py contains models, under controllers folder main.py contain business logics of app and static folder contain sqlite database, static folder contain images and css file, under templates folder contains all html files

Features:

Admin: admin is superuser already exist who have control on all users, he can block and unblock users, create/edit/delete subjects, create/edit/delete chapters, create/edit/delete quizzes, create/edit/delete questions and see the summary of top former in any particular subjects

User: user can register himself, and after login he can see upcoming quizzes on to their dashboard and attempt the quizzes. After attempting the quizzes he can see their score on dashboard and summary of attempted quizzes

Video

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