

SQL Implementation (APIs & GUIs) Project - Instructions for Submission

Objective: This project aims to apply your knowledge of connecting the RDBMS with a backend project, writing APIs which can help to manipulate the data in the database

P5 will involve following tasks. Submission should have a codebase used to implement the project and make a short video where you can go through your code in 2mins and demonstrate API calls via Postman so we can verify if the APIs work correctly. Make a folder for P5 in your github repository and add all codebase in that folder, upload the video in the submit the link of your public repository in a pdf format. If you are not using github for your previous submissions you can upload your codebase and video in a google drive link and share that in a pdf format :-

1. **Create Backend Project and write APIs** (all GET,POST,PUT and DELETE) for at least **5 entities** or tables associated with your database
2. Use Postman to send request and receive the response for your APIs, record it in a video and submit the video
3. For **extra credit**(2 points) you can develop a frontend which can call the requests from your frontend and show that data is getting manipulated in your database. In this case your video should show you manipulating the data through frontend instead of the Postman and changes in the database.

Note :- You are free to use any tech stack you are comfortable with.

Late Submissions :- Will not be accepted.

Due date :- 2nd December 2024

