

StudHub

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Abstract

The project aims to create an educational forum that integrates cloud storage and wiki concept, allowing students to access study materials as well as filter through and favorite them. Students can also browse lecture and lab notes and access to past course materials, professor ratings, and difficulty ratings for past exams. Students can generate summary notes from uploaded materials and receive a guided walkthrough upon registration. The StudHub forum provides a comprehensive platform for students to enhance their learning experience.

Users & Features

Users: Students of Group T KUL

In our StudHub, students of GroupT can login in using their student email and view all materials of courses provided by GroupT. They can select their favourite courses, rate the courses exams and teachers. They can also leave comments on the courses. In the profile page, users can edit personal information.

Requirements (functional/non-functional)

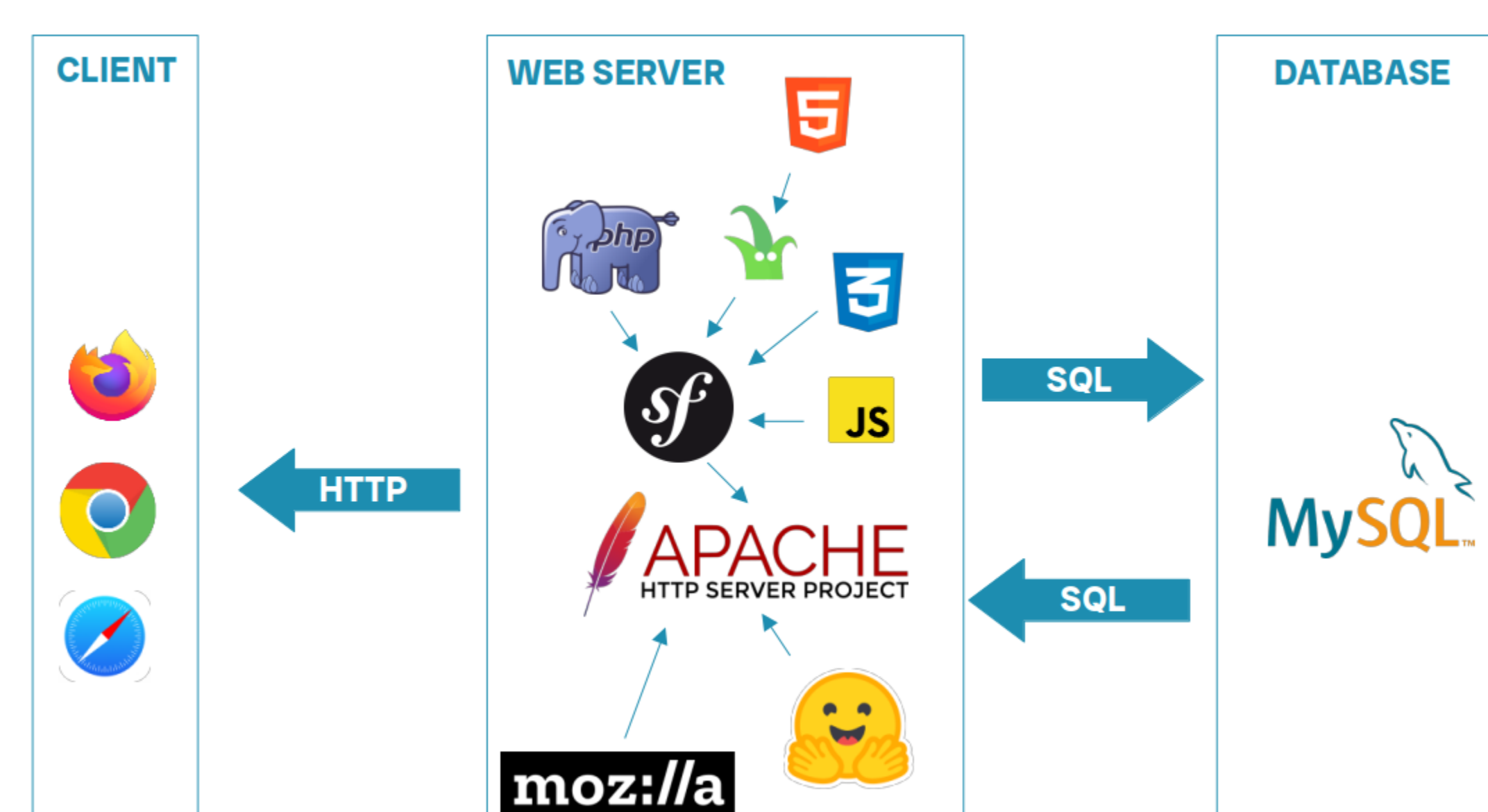
Functional :

- (1)User Authentication: register, log in, reset password (through email)
- (2)Course Management: view course material, select favourite courses.
- (3)Course Details: rate course, teacher, leave comments.

Non-Functional:

- (1)Usability: Intuitive and easy to navigate UI
- (2)Security: User password is hashed
- (3)Maintainability: Well-structured code

Web Application Design



- forum has a limited user base and doesn't require high scalability which makes multi-tier architecture more cost-effective
- centralized database for a smaller scale and geographically limited application is more efficient
- strong password hashing avoids compromising the user experience by providing clear instructions and error messages