



GROUP 9

FacultyHub

IT314 Software Engineering

202101158

202101135

202101107

202101153

GR: 202101160

202101152

202101100

202101115

202101108

202101140

WORK CONTRIBUTION

202101160 Krupesh Parmar

Backend, testing, and Website Hosting

202101158 Ruchika Amin

UI/UX Designing & UI/UX Testing &
Documentation(Main PPT, Case Study)

202101107 Anshul Darediya

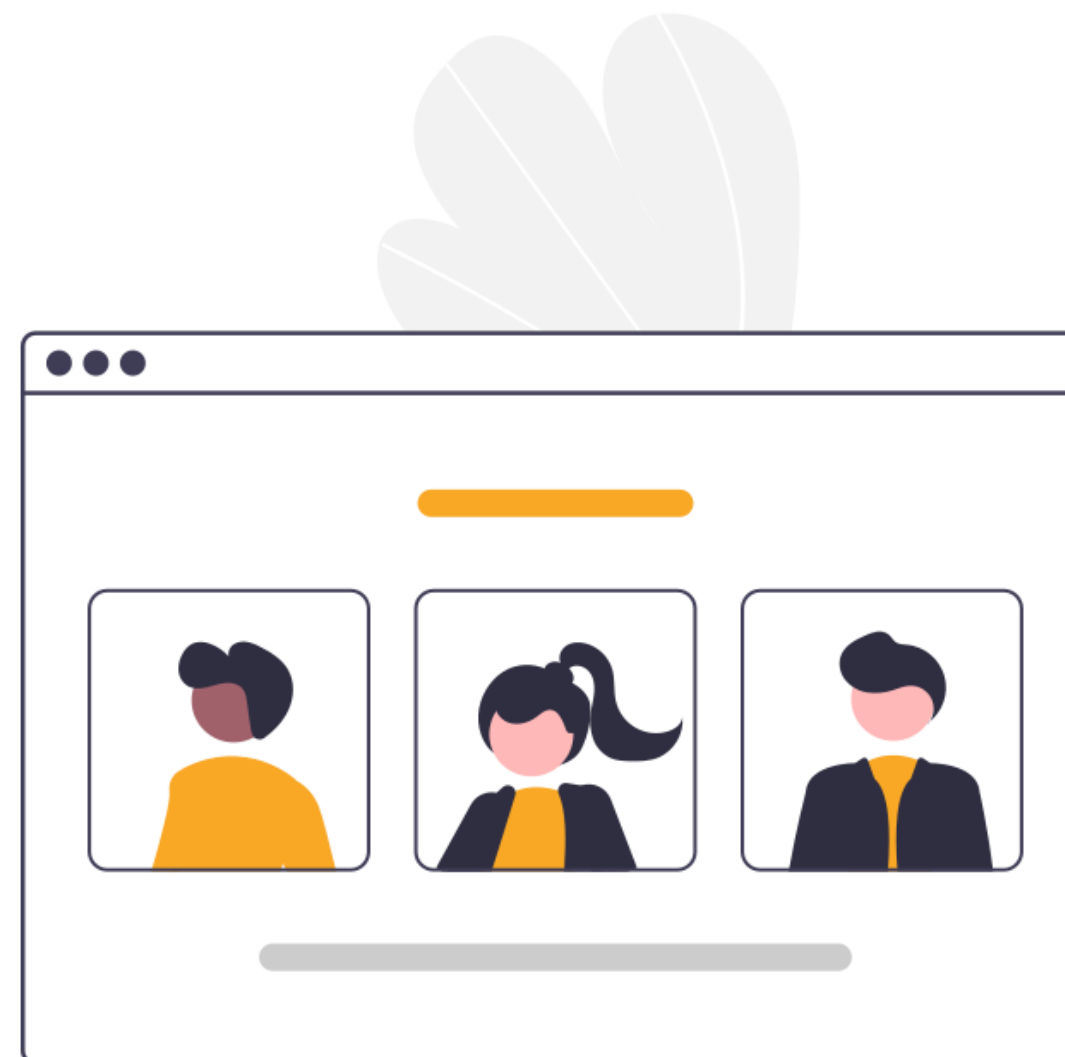
Frontend, testing and Demonstration

202101140 Jahnvee Patel

UI/UX and Documentation

20210110 Parth Kunt

Frontend Pages & Testing



202101152 Kaushal Prajapati

Frontend Part, Testing

202101108 Prabhakar Hembrom

Frontend Pages and Documentation

202101135 Chaudhari Lav Ajitkumar

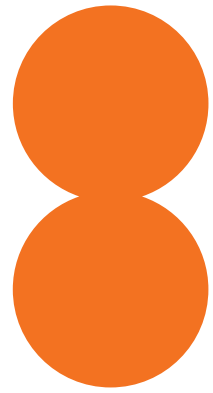
Backend, SRS Documentation

202101153 Patel Smit Mukeshkumar

Backend

202101115 Mahyavanshi Meet Kantilal

No work was done throughout the entire project duration.



OBJECTIVE

Online Faculty Staff Directory for Multi University

Online faculty staff directory empowers users to easily view college faculty details. Students can easily view different college faculty details anywhere required at any time as this application is handy. This system is built with an effective graphical user interface which enables user friendliness. Users can search faculty details and view their respective details such as name department, courses, area of expertise, and professional interest. This system reduced the time and cost of the user. Here there are two entities who will access this system i.e. admin and student. Admin is authorized to add and manage all the faculty details. Users don't require any registration or login to access this system. Users can directly search for faculty and view their details. Data in the database is maintained securely without any maintenance cost.

MILESTONS

01

Identifying user requirements and finalizing website design and layout

02

Implementing core functionalities like register, login and profile creation

03

Implementing core functionalities like Add and view details for faculty and university

04

Implementing Admin functionalities like verify, approve and delete

05

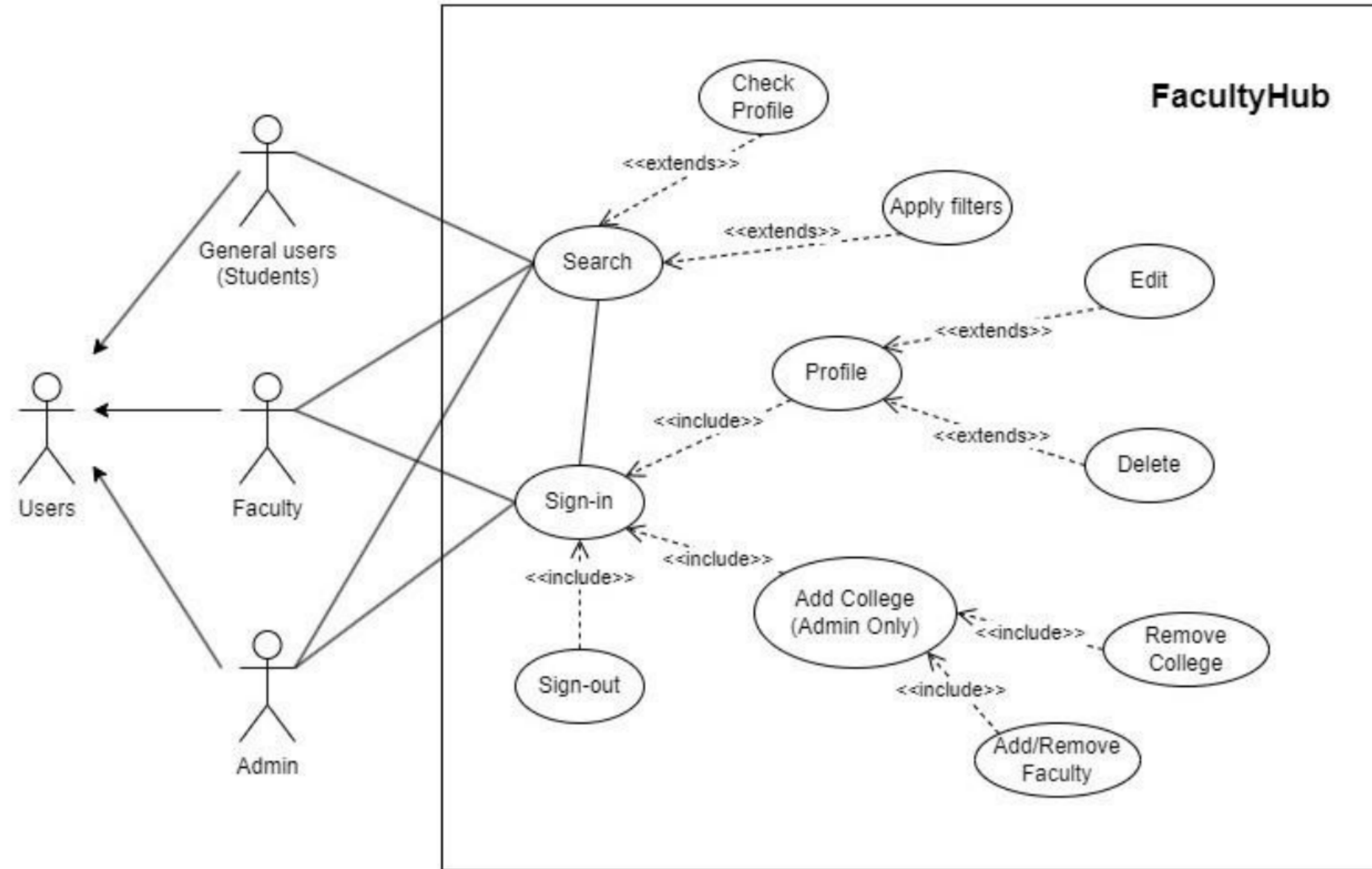
Testing and Debugging

06

Deployment



Use Case Diagram



Lessons Learnt

GitHub Learnings

Familiarity with Node.js: We learned more about Node.js, its features, and how to utilize it to create online Web applications.

User Authentication and Authorization: We learned how to manage user authentication and authorization, which is an essential part of web application security, by providing user registration and login capabilities.

Frontend and Backend Development: Working with both frontend and backend technologies is a must for creating a web application. By constructing this project, we gained knowledge on how to build an effective backend using Node.js, Express, and a database like MongoDB, as well as a functional frontend using HTML, CSS, Bootstrap and JavaScript.

ACHEIVEMENTS



Successfully built a full-stack web application using HTML, CSS, Bootstrap and JavaScript.



Utilized Git for version control and collaborated with team members using branching.



Understanding the importance of testing in project.

Mistakes

- 01** Not adding proper comments in code
- 02** Naming conventions of the functions
- 03** Not maintaining proper code structure
- 04** merging frontend and backend codes



Rating of software artefacts

SignUp and Login: 4 - The registration and login processes are easy, secure, and scalable with appropriate security measures in place.

Search: 3 - The search functionality is accurate and fast but limited search.

My Profile: 4 - Student and faculty can see their profile.

Edit Profile: 4 - Students and faculty can edit their profile.

Approve pending requests by admin: 5 - Admin can approve the pending requests of faculty.

Delete Faculty by admin: 4 - Admin can delete the faculty.

Student-Faculty Communication: 3 - Student can contact faculty through Mail box by accessing link on faculty profile card.



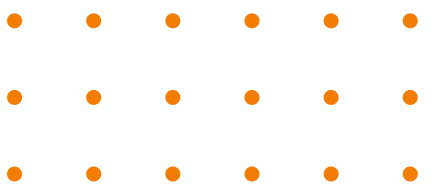
Rating of software artefacts

Add University: 4 - Admin can add the university.

Site performance: 3 - The site performance may be improved to enhance the user experience also site is relatively slow because we deployed on the free servers.

Usability: 4 - The overall usability of the website is good, but there may be some areas where it could be improved for a better user experience.





Overall rating of the project (Out of 10)

The overall rating of our project could be a 8 out of 10.

Overall, the project seems to have a good foundation with strong functionality for user registration and login, My profile and Edit profile, search functionality, Approve pending requests and delete faculty by admin. However, for a better user experience, the usability and performance of the site may have a few small deficiencies.

LINKS

GitHub : [click here](#)

Slack : [click here](#)

Minutes of Meeting: [Click here](#)

Website Link: [Click here](#)

Youtube video Link: [Click here](#)

Thank you