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22292

Getint (Get Internship)

Project Requirements:

Functional Requirements:

User Registration: Allow students to create user accounts.

Student Listings: Provide a platform to see to list of applied students.

Sort: Enable a user to sort student names in a descending order.

Application Submission: Allow students to submit their application through the platform.

User Roles:

Student Users: Those seeking internships can register, and apply for opportunities.

Employer Users: Companies or organizations offering internships can create accounts, and review the applied students and decide who to choose.

Security and Privacy:

User Authentication: Implement secure login and registration processes to protect user accounts.

Confidentiality: Ensure that personal information and application materials are securely stored and accessible only to authorized individuals.

Intuitive User Interface and Experience:

Design an easy-to-use and visually appealing interface for both students and employers.

Streamline the application process, making it straightforward and user-friendly.

Project Plan:

Project Scope:

Develop an online platform to connect students with internship opportunities.

Provide a user-friendly interface for students to apply internships.

Implement essential features like user registration, sort functionality and pagination.

Ensure security and privacy measures are in place to protect user data.

Project Timeline:

Phase 1: Project Planning and Requirements Gathering

Duration 3days

Tasks:

- Define project goals and objectives.
- Identify key features and functional requirements.
- Conduct market research and competitor analysis.

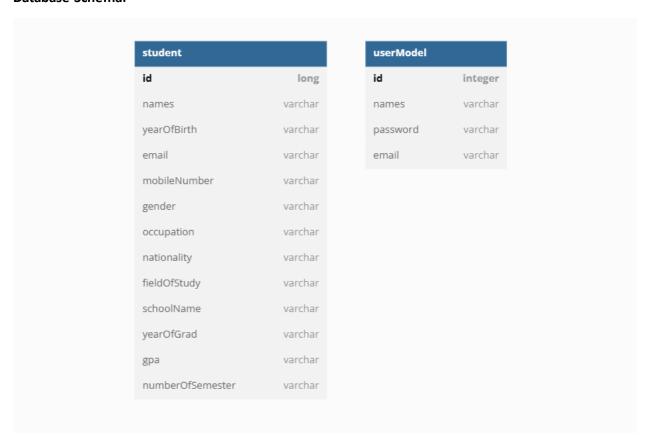Phase 2: Design and Development

Duration 8 days

Tasks:

- Design the user interface and experience.
- Develop user registration functionalities.
- Implement student listing, pagination and sort functionality.
- Develop the back-end infrastructure and database.
- Perform rigorous testing and bug fixing.

Source Codes:

Source codes are found on this GitHub link: https://github.com/ShalomDauphin/GetInt

Database Schema:

student	
id	long
names	varchar
yearOfBirth	varchar
email	varchar
mobileNumber	varchar
gender	varchar
occupation	varchar
nationality	varchar
fieldOfStudy	varchar
schoolName	varchar
yearOfGrad	varchar
gpa	varchar
numberOfSemester	varchar

userModel	
id	integer
names	varchar
password	varchar
email	varchar

User Documentation:

The User needs to create an account in order to have credentials that allows him/her to access the platform.

The User will be redirected to the application page where he will be able to make application and submit them after he sees the list all applicants. From there he will be able to make some edit or delete. And also, he can navigate to different pages because pagination is implemented and sorting but only on names.

Technical Documentation

The application was designed using thymeleaf and springboot on the backend

Here are some dependencies I used

- Thymeleaf
- Spring web
- Mysql Driver
- Spring Data JPA
- Spring Devtools
- Lombook