
Mentify: A Mentorship Platform

Junihers Group 10

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SUMMARY

Having experienced firsthand the incredible guidance from D.E. Shaw employees, we've realized the profound impact it can have on personal and professional growth. We believe everyone deserves access to such mentorship. Many people have valuable knowledge to share, while others are eager to learn, yet there's no easy way for them to connect. That's why we're building a platform to bring them together, making it simple for mentors and learners to connect and support each other.



EXECUTION

With the aim to build something beneficial for everyone willing to learn , we continued with the execution of our project - MENTIFY (A Mentorship matching platform).

Identifying the tech stack all of us were acquainted with, we decided to build a web application. At the initial stages , we configured the functional requirements , the Entity Relation Diagram and the Class Diagram which have been mentioned below.

FUNCTIONAL REQUIREMENTS

1. **Login/Signup:** Users, whether mentors or mentees, can sign up for accounts and login to access the platform's features. Logging in ensures that users can securely access their personalized profiles, enroll in courses, provide feedback, and engage in communication with other users.

Welcome Back!

Forgot Password? [Click Here!](#)


Don't have an account? [Sign Up](#)


Signup - Mentor


Kindly upload your resume


Have an account? [Log In](#)


Signup - Mentee


 Full name

 Email address

 Phone number

 Create username

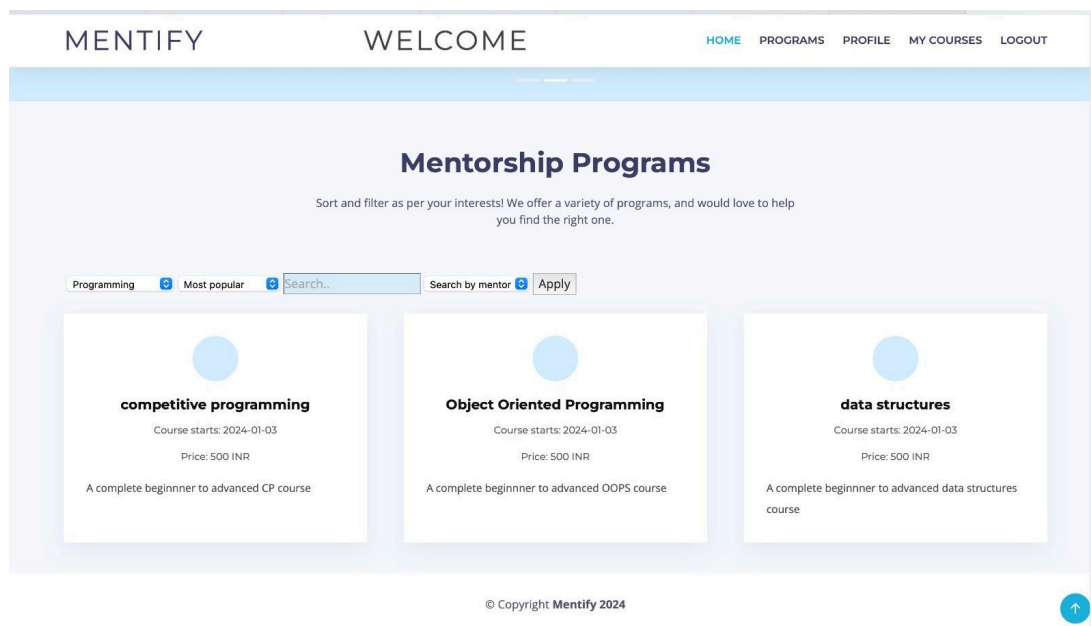
 Create password

 Confirm password

Create Account

Have an account? [Log In](#)

2. **Search & Filter:** Mentees can search for courses based on their interests, expertise, and goals, using filters to narrow down their options. Mentees can also search for mentors based on specific criteria, such as skills, experience, and availability. This functionality enhances user experience by enabling efficient navigation and discovery of relevant content and connections.



3. **Chatbox:** A chatbox feature enables real-time communication between mentors and mentees within the platform. Mentees can seek clarification, ask questions, and receive guidance directly from mentors, fostering a collaborative learning environment. Mentors can provide personalized support and mentorship to mentees, leading to more effective

skill development and knowledge transfer. The chatbox facilitates instant communication, promoting engagement and interaction between mentor and mentees.

MENTIFY

HOME PROFILE MY COURSES LOGOUT

Webd with Sneha

Start Date:2024-03-23
End Date:2024-03-26

Basics of web development like HTML, CSS , JS, Flask

Status: *verified*

Kindly provide us [feedback here](#), so we can improve our services and let the mentor know how you found the program.

Messages for Webd with Sneha

Mimi: Hi Mentor


Add Message

Send


4. **Payment Gateway:** The platform integrates a secure payment gateway to facilitate transactions between mentors and mentees for course enrollment and mentorship services. Mentees can securely pay for courses they wish to enroll in, while mentors can receive compensation for their time and expertise. Payment gateway functionality ensures a seamless and reliable payment process, enhancing user trust and satisfaction.

Payment Gateway


Card holder:

 MIMI SEN


Card number:

 1234567898765432

Expiry Date:

May 2024 

CVC:

 222

pay Rs 100

5. **Feedback:** Mentees can provide feedback and ratings for courses they have enrolled in, as well as for the mentors conducting the courses. This feedback system helps maintain the quality of courses and mentorship experiences by providing valuable insights for improvement. Mentors can use feedback to refine their teaching methods, while mentees can make informed decisions based on the reviews of others.
6. **Complaint Management:** Both mentees and mentors have the ability to raise complaints if they encounter any issues or concerns with courses, mentorship sessions, or interactions on the platform. These complaints are submitted to the platform's admin for review. The admin evaluates the complaints, investigates the underlying issues, and takes appropriate actions to address them, such as providing resolutions, mediating disputes, or enforcing platform policies. This functionality promotes accountability, transparency, and user satisfaction by ensuring that user grievances are promptly addressed and resolved.

MENTIFY **Raise a complaint** HOME PROFILE MY COURSES LOGOUT

Kindly fill in this form with the issue you are facing. Our team will get back to you as soon as possible.

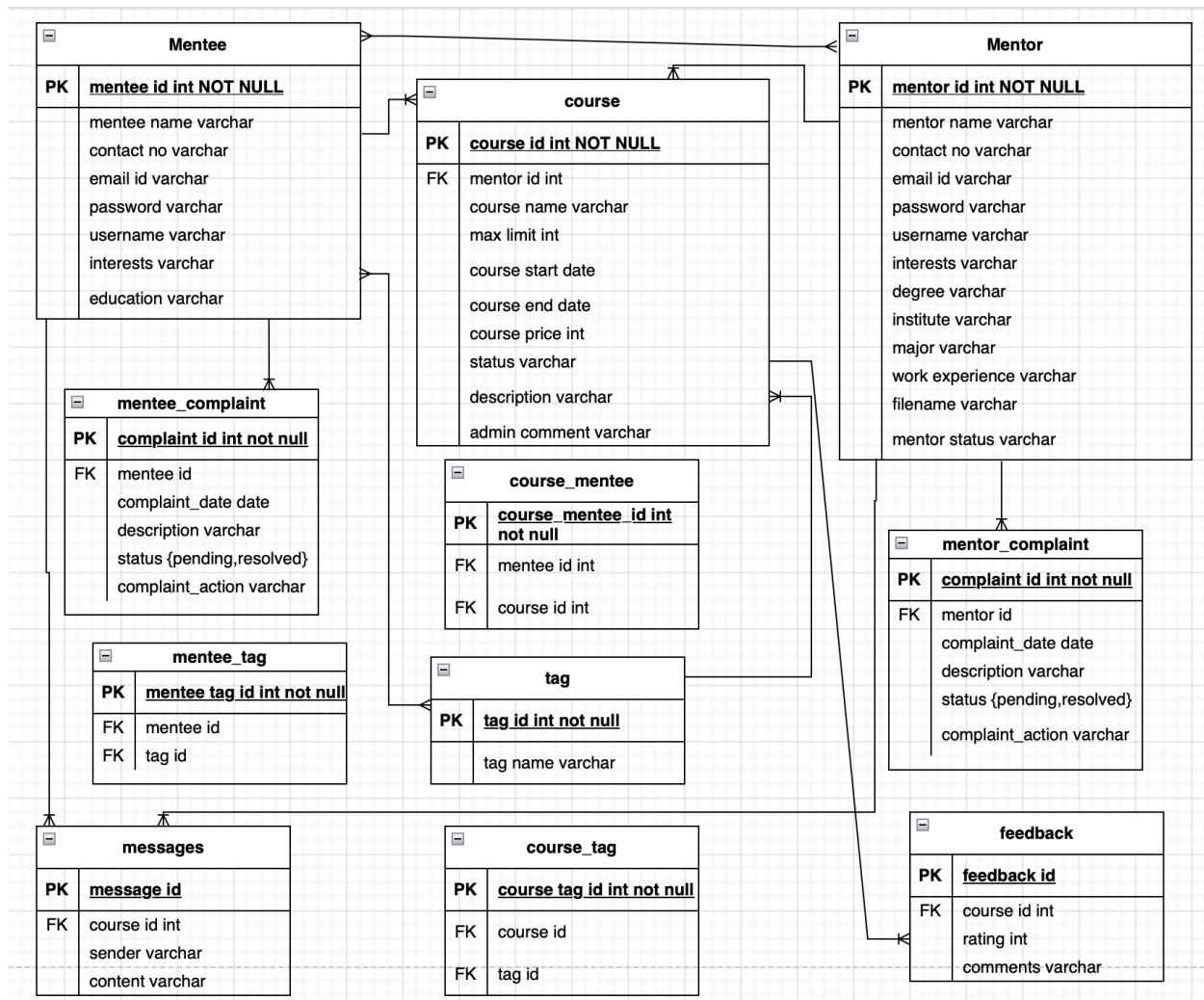
Raise Complaint

Description of the problem

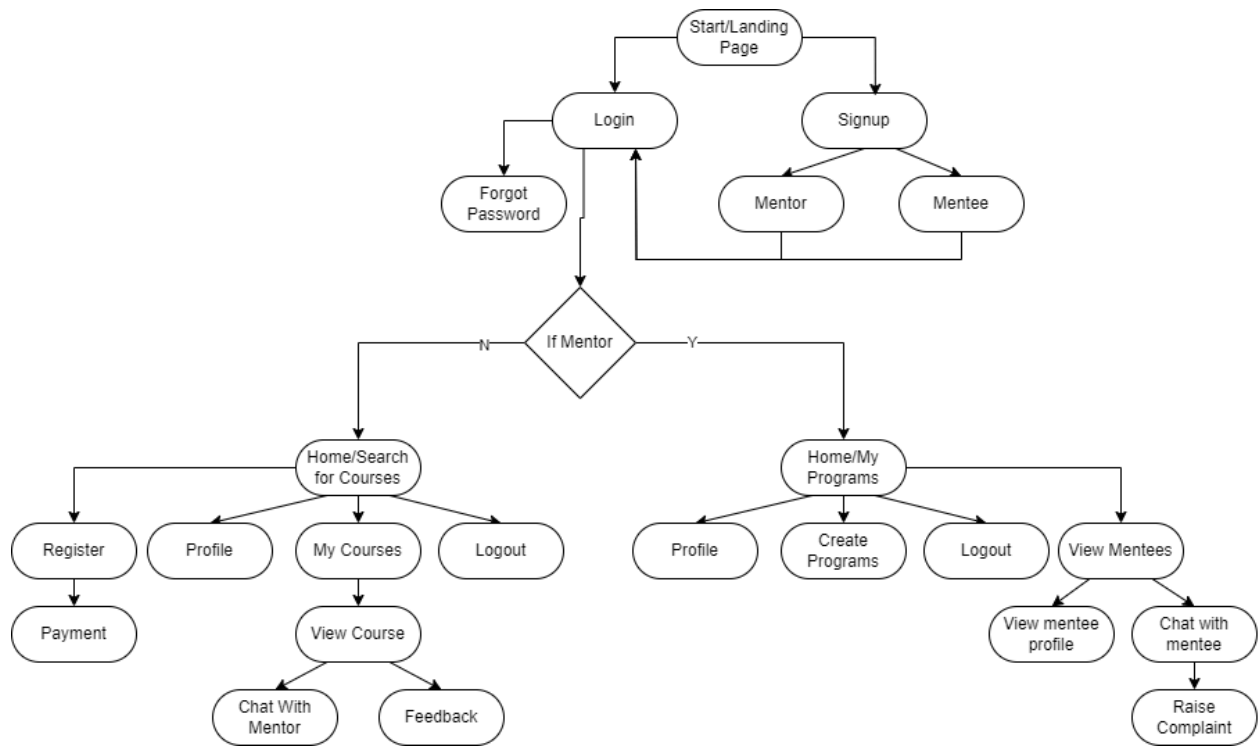
Classes not taken at regular intervals

Submit

ENTITY RELATIONSHIP DIAGRAM



CONTROL FLOW DIAGRAM



TECH STACK

Frontend:

- HTML/CSS - Used the Bootstrap framework for quickly building pages.
- Javascript - Used basic JS for effects and alerts

Database:

- MySQL - Since we have relational data, we decided to go with a standard RDBMS. It powered the storage and retrieval of crucial data within our application, ensuring efficient management of user profiles, mentorship connections, and platform interactions.

Backend:

- Flask - We used a python based framework as it was simpler to implement and facilitating seamless communication between the frontend and backend components, handling requests, managing routes, and orchestrating the logic behind our mentorship matching platform.

FUTURE SCOPE

- **Personalized Mentorship Recommendations:** Implementing a machine learning-based recommender system can enhance the platform's functionality by providing personalized mentorship recommendations to users based on their interests, skills, goals, and preferences.
- **Dynamic Learning Algorithms:** Continuously refine and optimize the recommender system algorithms based on user feedback and performance metrics. This ensures that the platform adapts to changing user needs and preferences over time, delivering increasingly relevant and effective mentorship suggestions.
- **Advanced Analytics and Insights:** Leverage machine learning algorithms to analyze user behavior, engagement patterns, and mentorship outcomes. This provides valuable insights into the effectiveness of mentorship relationships, identifies areas for improvement, and informs platform enhancements.
- **Integration with Learning Content:** Integrate machine learning recommendations with relevant learning content, resources, and skill-building opportunities. This creates a

comprehensive learning ecosystem where users can access personalized mentorship and educational resources in one platform.