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1. Objective and Scope

The objective and scope of the project are to create an online education platform where students can enroll in various courses and learn from experienced instructors.

The scope of the product includes the following basic features:

Course Catalog: Users can explore a diverse range of courses offered on the platform, spanning various topics and skill levels.

Enrollment: Once users find a course of interest, they have the option to enroll and gain access to its content.

Instructor Profiles: Detailed profiles of instructors are available, showcasing their expertise, qualifications, and teaching style.

Reviews and Ratings: Students can share their feedback by leaving reviews and ratings for courses they have completed, helping others make informed decisions.

Contact Form: A contact form is provided for users to easily reach out for inquiries, assistance, or support regarding the platform or specific courses.

Search Functionality: Users can efficiently search for courses using keywords, filters, or categories to find relevant content.

Personalized Recommendations: The platform offers personalized course recommendations based on users' preferences, browsing history, and previous interactions.

Community Interaction: Students can engage with instructors and peers through discussion forums, fostering a sense of community and collaboration.

Progress Tracking: Users can track their progress within enrolled courses, marking completed sections and monitoring their learning journey.

Accessibility: The platform is designed with accessibility in mind, ensuring that all users, regardless of abilities, can easily navigate and interact with the content.

2. Project End Users

This project's primary audience includes individuals interested in online education and skill development. It targets learners from various backgrounds who wish to enhance their knowledge and expertise.

3. Features

Functional Requirements

3.1. User Authentication:

Users are required to log in to access course content and features.

New users can sign up for an account. Authentication ensures secure access to personal progress and course enrollment.

3.2. Course Enrollment:

Users can browse through available courses. They can enroll in courses of interest. Upon enrollment, users gain access to course materials and resources.

3.3. Instructor Information:

The platform provides information about instructors, including their expertise and experience.

Users can view instructor profiles to make informed decisions about course selection.

3.4. Reviews and Ratings:

Students can leave reviews and ratings for courses they have completed.

Reviews help other users make decisions about course enrollment.

3.5. Contact Form:

A contact form is available for users to reach out for inquiries or support.

Users can submit their queries, and the platform admin receives them for further action.

4. Non-Functional Requirements

4.1. Hardware Requirements:

Users need devices such as smartphones or computers with internet connectivity to access the platform.

4.2. Software Requirements:

The platform is accessible via web browsers.

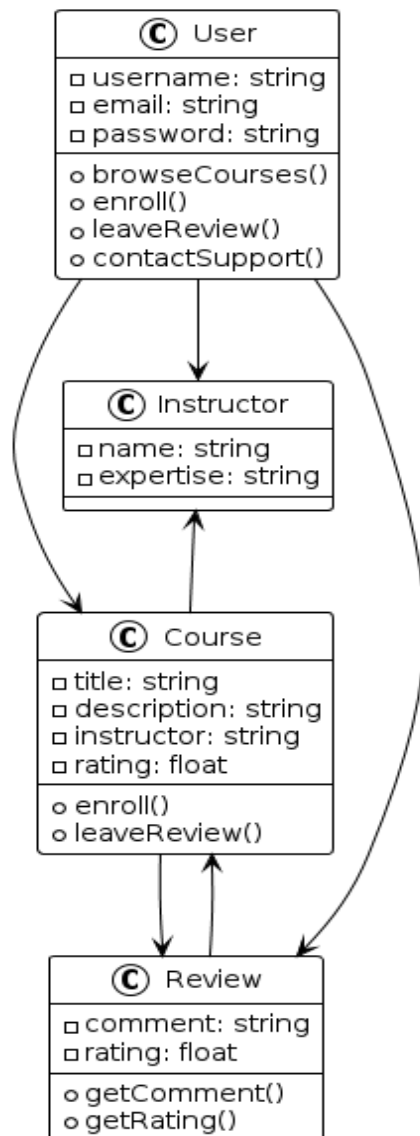
Compatibility with modern web browsers ensures optimal performance.

4.3. Scalability:

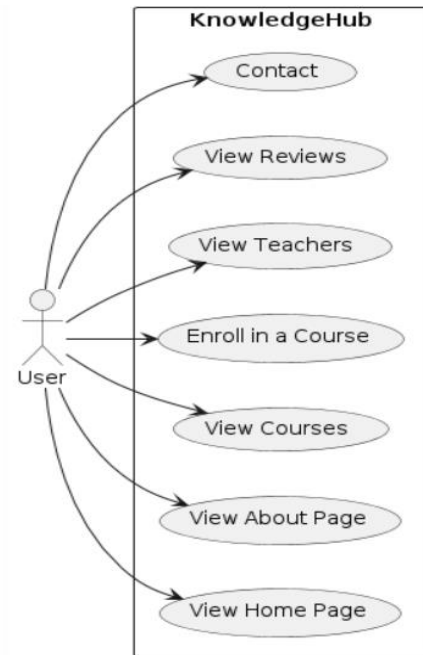
The platform should handle concurrent user access, with a minimum capacity to serve 100 users simultaneously without performance degradation.

5. Diagrams

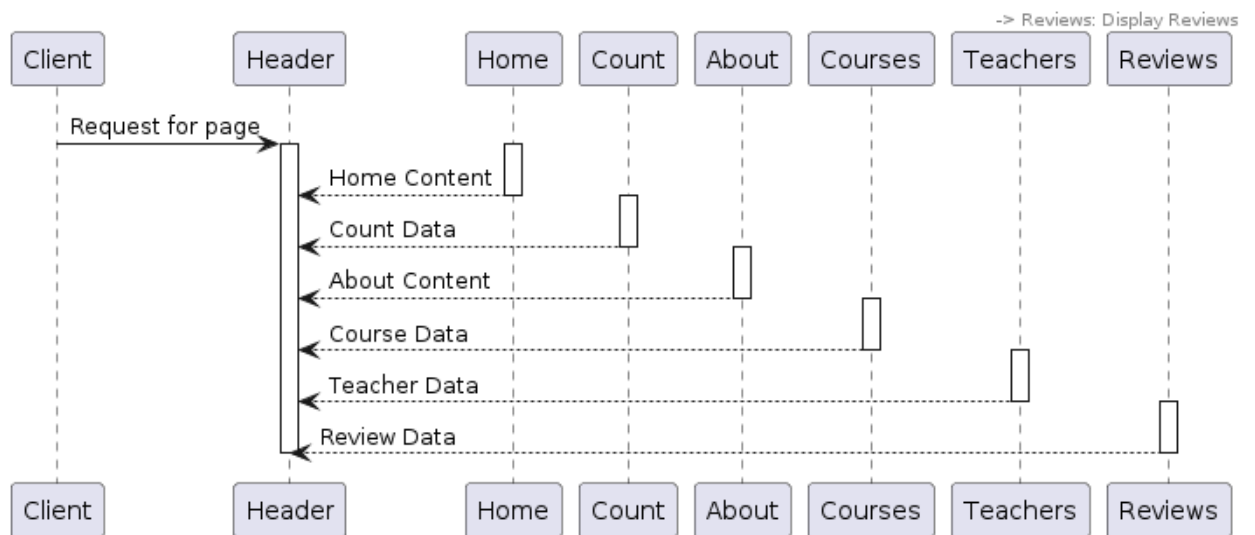
5.1 Class diagram:



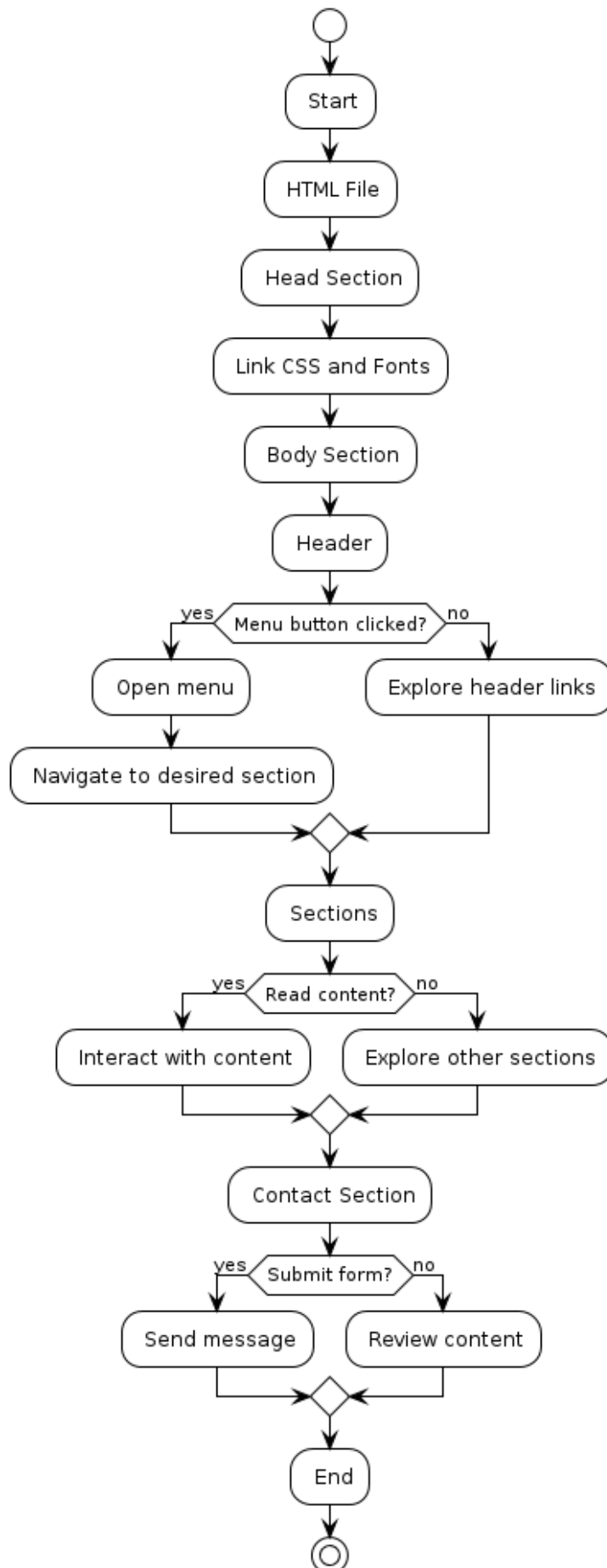
5.2 Use case diagram:



5.3 Sequence diagram:



5.4 Flow chart:



6.Reports

The Software Requirements Specification (SRS) document provides a comprehensive overview of the functional and non-functional requirements for the KnowledgeHub website. By adhering to these requirements, the development team can ensure the successful implementation of the platform, meeting the diverse needs of its user base and providing a valuable learning experience.