System Requirements Document

1.Preface

This document is intended for the following audience:

- Project evaluators and faculty members
- Students engaged in system analysis and design activities
- Future student teams responsible for extending or maintaining the system in subsequent semesters

The objective of this Software Requirements Specification (SRS) is to formally capture the understanding of the problem domain, along with the system's functional and non-functional requirements and defined workflows. It serves as a structured reference to support academic evaluation and to guide both the student development team and faculty mentor throughout the project's multi-semester lifecycle.

Version history

Version	Date	Description
1.0	31-1-2026	Initial submission of the SRS document

Rationale for Version Creation

This initial version has been developed to support the requirements analysis and system modeling phase of a multi-semester academic project centered on Wellness program management platform.

2.Introduction

The purpose of this system is to support Employee wellness inside an organization. Employees often need access to wellness content such as videos, live sessions, and consultations with experts. Managing all these activities manually is difficult.

The system provides a centralized platform where:

i)Employees can access wellness services.

ii)Wellness experts can manage sessions and content.

iii)HR can manage wellness experts.

iv)Admin can manage the system.

The system also works with external platforms for live sessions,

This system supports the organization’s goal of improving employee health, productivity, and engagement.

3.Glossary

Wellness Expert: A professional who provides wellness guidance, sessions, or consultations through the platform.

Wellness Program: A structured set of activities designed to improve employees’ physical and mental well-being.

Consultation: A one-to-one interaction between an employee and a wellness expert for personalized health guidance.

Live Session: A real-time wellness activity conducted by a wellness expert for employees.

Video Library: A collection of recorded wellness-related content available for employees on the platform.

Physical wellness instructor: A wellness professional responsible for conducting fitness or wellness sessions and guiding employees through structured activities.

Nutritionist: A wellness expert who provides dietary guidance and nutrition-related consultations to employees.

Psychologist: A mental health professional who provides psychological consultations and mental wellness support.

Feedback and Rating: The process through which employees provide opinions and numerical evaluations of wellness sessions, consultations, or content.

Platform Settings: System-wide rules and configuration options that control the overall behavior of the platform.

Employee: An organization member who uses the platform to participate in wellness programs and access wellness services.

4.User Requirements Definition

Employees should be able to:

1. Access video library

2. Attend live sessions
3. Book consultations
4. Raise queries

Wellness Experts should be able to:

1. Upload and manage wellness content
2. Respond to employee queries

HR should be able to:

1. Manage live sessions
2. Manage wellness experts

Admin should be able to:

1. Manage accounts and roles
2. Configure platform settings

The system should also meet non-functional requirements such as:

1. Easy to use interface
2. Secure access based on user roles

3. Reliable performance

5.System Requirements Specification

i)Functional Requirements

User Authentication and Authorization:

1. The system shall allow users to log in using valid credentials.
2. The system shall authenticate users before granting access to the platform.
3. The system shall provide role-based access to system features.
4. The system shall allow users to log out securely.
5. The system shall allow users to update their account credentials.

Employee Functional Requirements

1. The system shall allow employees to view all available wellness programs on one centralized platform.
2. The system shall allow employees to enroll in wellness programs.
3. The system shall allow employees to attend live wellness sessions.
4. The system shall allow employees to access recorded wellness sessions.
5. The system shall allow employees to request and participate in wellness consultations with experts.

6. The system shall allow employees to submit feedback and ratings for wellness programs.
7. The system shall allow employees to track their wellness participation history.

Wellness Expert Functional Requirements

1. The system shall allow wellness experts to conduct live wellness sessions for employees.

2. The system shall allow wellness experts to provide one-to-one wellness consultations to employees.

3. The system shall allow wellness experts to upload and manage wellness-related content.

4. The system shall allow wellness experts to view participant attendance for wellness sessions.

5. The system shall allow wellness experts to review employee feedback and ratings.

6. The system shall allow wellness experts to communicate with employees through the platform.

HR Functional Requirements

1. The system shall allow HR to view all wellness programs available on the platform.

2. The system shall allow HR to manage wellness experts, including Physical wellness instructors, nutritionists, and psychologists.

3. The system shall allow HR to communicate directly with employees through the platform.

4. The system shall allow HR to receive and handle employee issues raised through the communication system.

5. The system shall allow HR to monitor employee participation in wellness programs.

6. The system shall allow HR to view feedback and ratings related to wellness programs and experts.

Admin Functional Requirements

1. The system shall allow the admin to manage employee and staff accounts on the platform.

2. The system shall allow the admin to assign and manage roles and access permissions.

3. The system shall allow the admin to configure platform settings, including security, data privacy, and audit options.

4. The system shall allow the admin to monitor audit logs and system activity.

5. The system shall allow the admin to manage system-wide communication settings.

6. The system shall allow the admin to maintain the overall availability and reliability of the platform.

ii)Non-Functional Requirements

Performance Requirements

1. The system shall respond to user actions within an acceptable time under normal load.

2. The system shall support multiple concurrent users without performance degradation.

3. The system shall load live session and video content smoothly.

Security Requirements

1. The system shall enforce secure authentication for all users.

2. The system shall restrict access based on assigned roles and permissions.

3. The system shall protect sensitive wellness and consultation data from unauthorized access.

4. The system shall log security-related activities for audit purposes.

Privacy Requirements

1. The system shall ensure confidentiality of employee wellness and consultation data.

2. The system shall limit access to personal health information based on authorization rules.

3. The system shall comply with organizational data privacy policies.

Usability Requirements

1. The system shall provide a user-friendly and intuitive interface.

2. The system shall be easy to navigate for employees, HR, wellness experts, and admins.

3. The system shall provide clear feedback messages for user actions.

Scalability Requirements

1. The system shall support an increasing number of employees and wellness experts.

2. The system shall allow addition of new wellness programs without major changes.

Reliability Requirements

1. The system shall perform operations consistently without unexpected failures.

2. The system shall ensure data consistency across all modules.

Compatibility Requirements

1. The system shall be accessible through standard web browsers.

2. The system shall be compatible with commonly used devices and screen sizes.

Audit & Logging Requirements

1. The system shall record important system activities in audit logs.

2. The system shall retain logs based on defined retention policies.

3. The system shall allow authorized admins to review audit logs.

Backup & Recovery Requirements

1. The system shall support regular data backup.

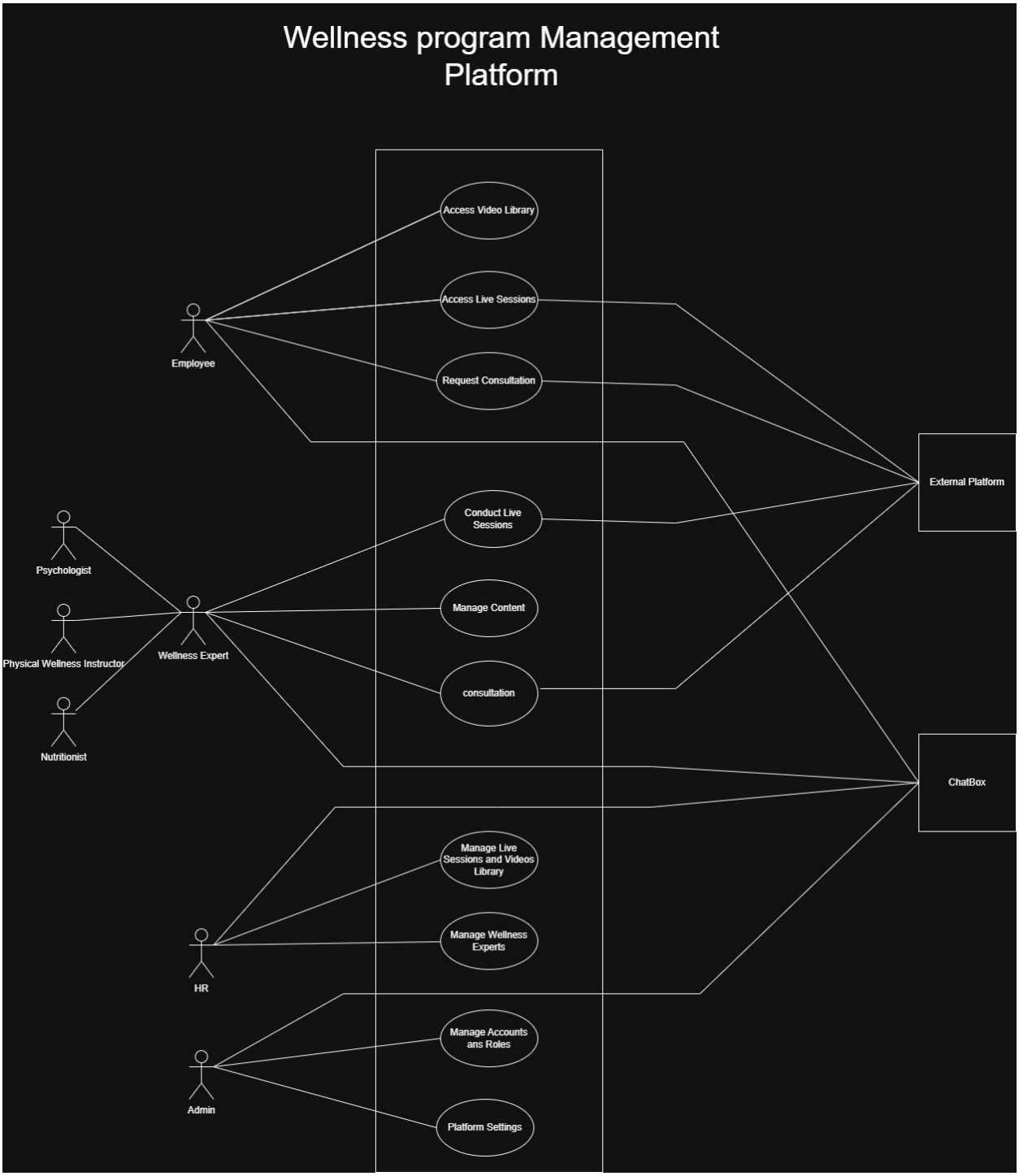
2. The system shall allow data recovery in case of system failure.

Compliance Requirements

1. The system shall adhere to organizational policies and guidelines.

2. The system shall follow applicable legal and ethical standards for wellness data handling.

Use case diagram:



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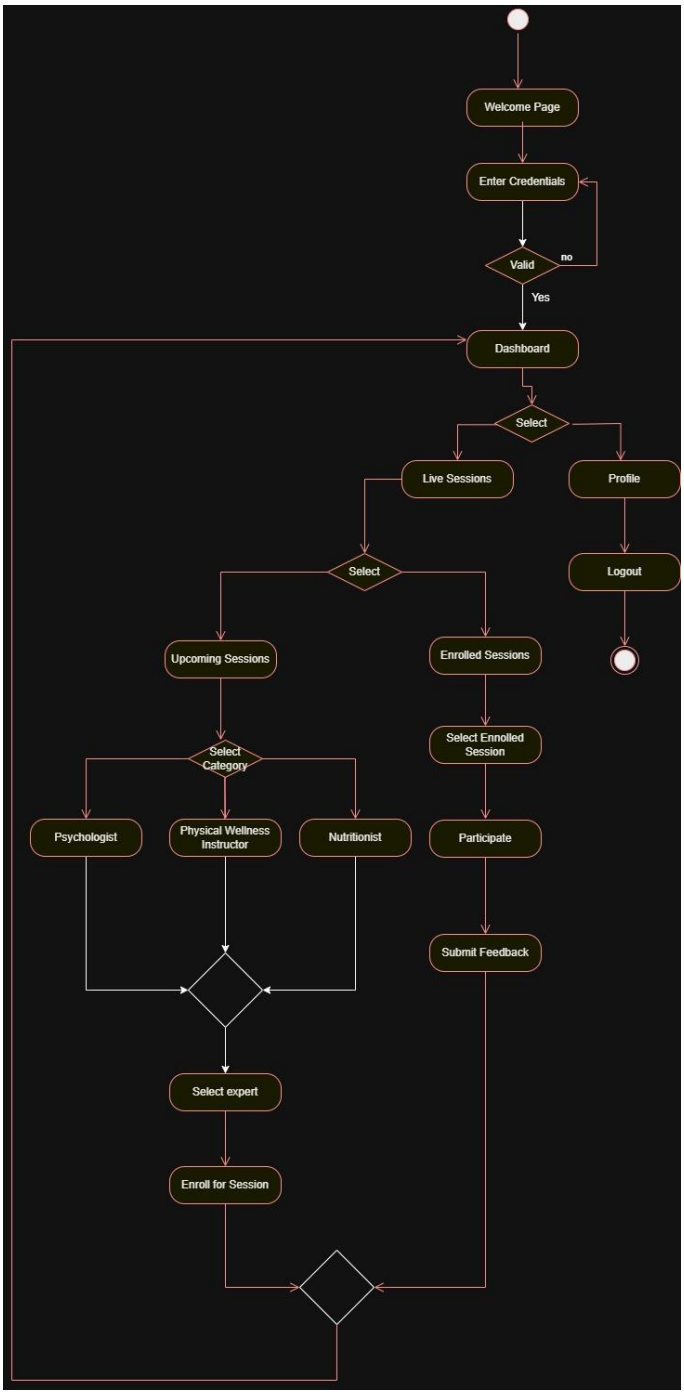
Activity diagrams:

1.Employee live sessions:



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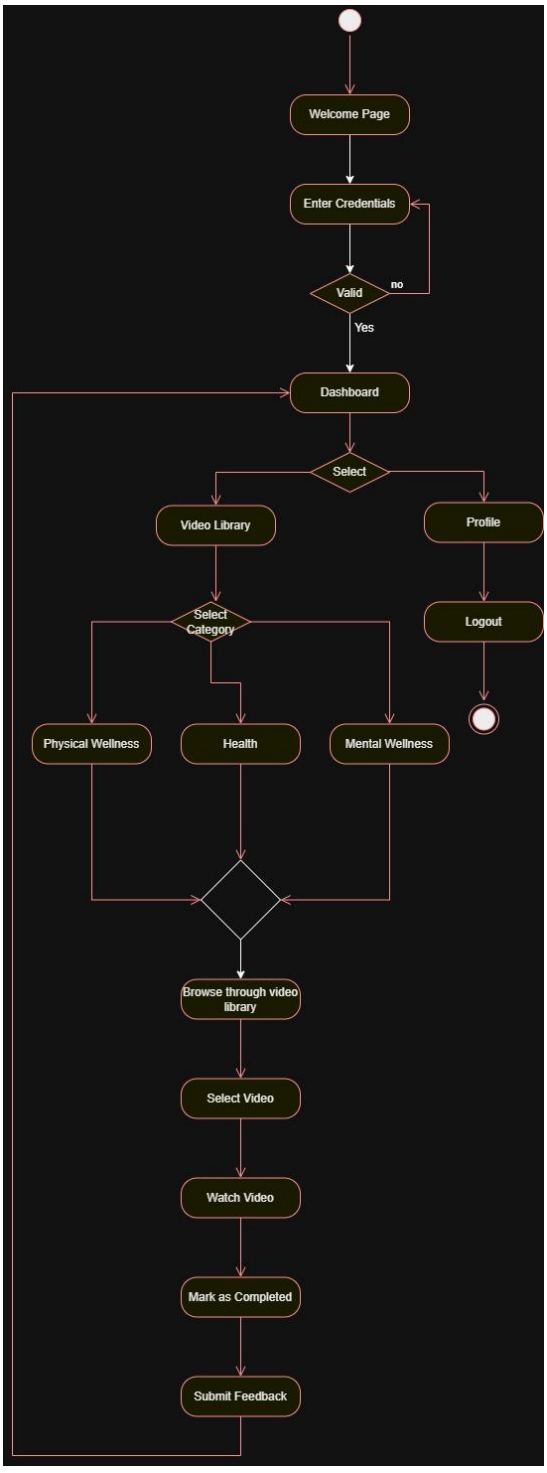
2. Employee Wellness Videos:



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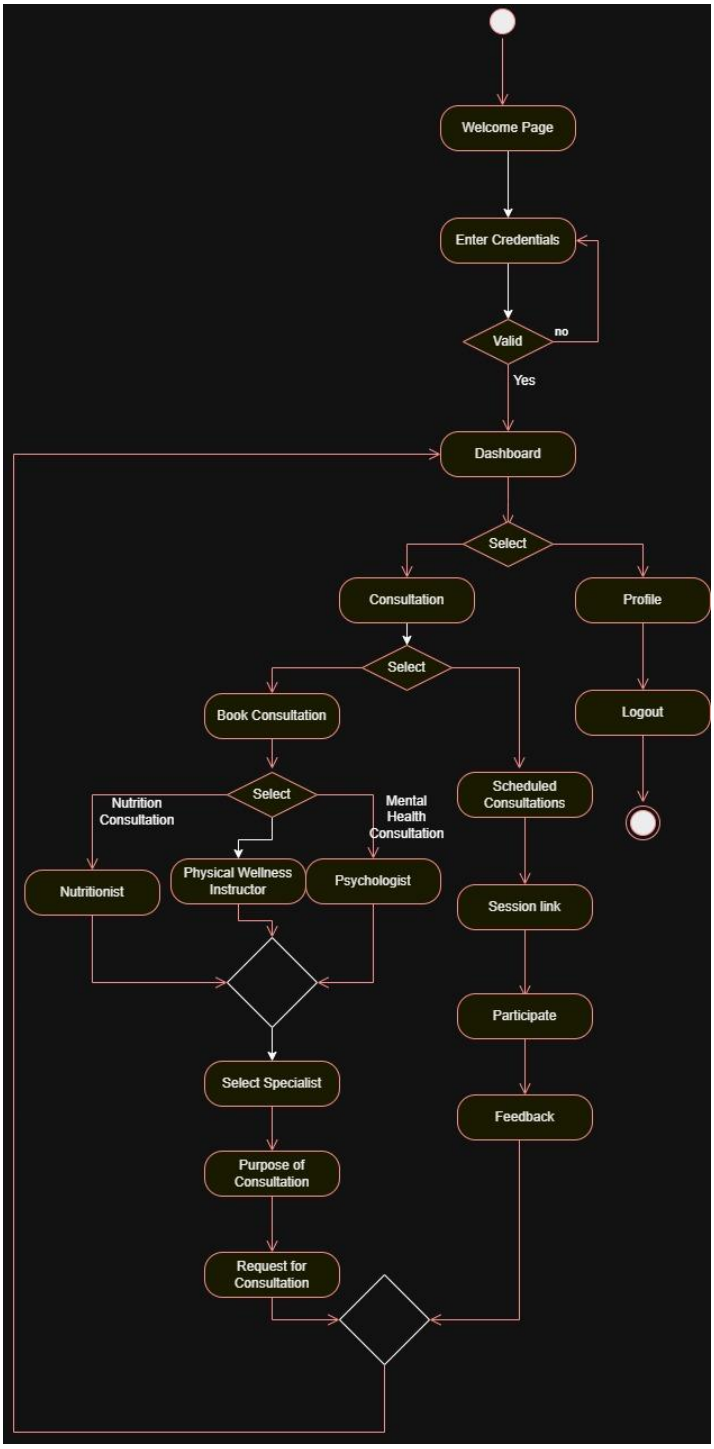
3.Employee consultation:



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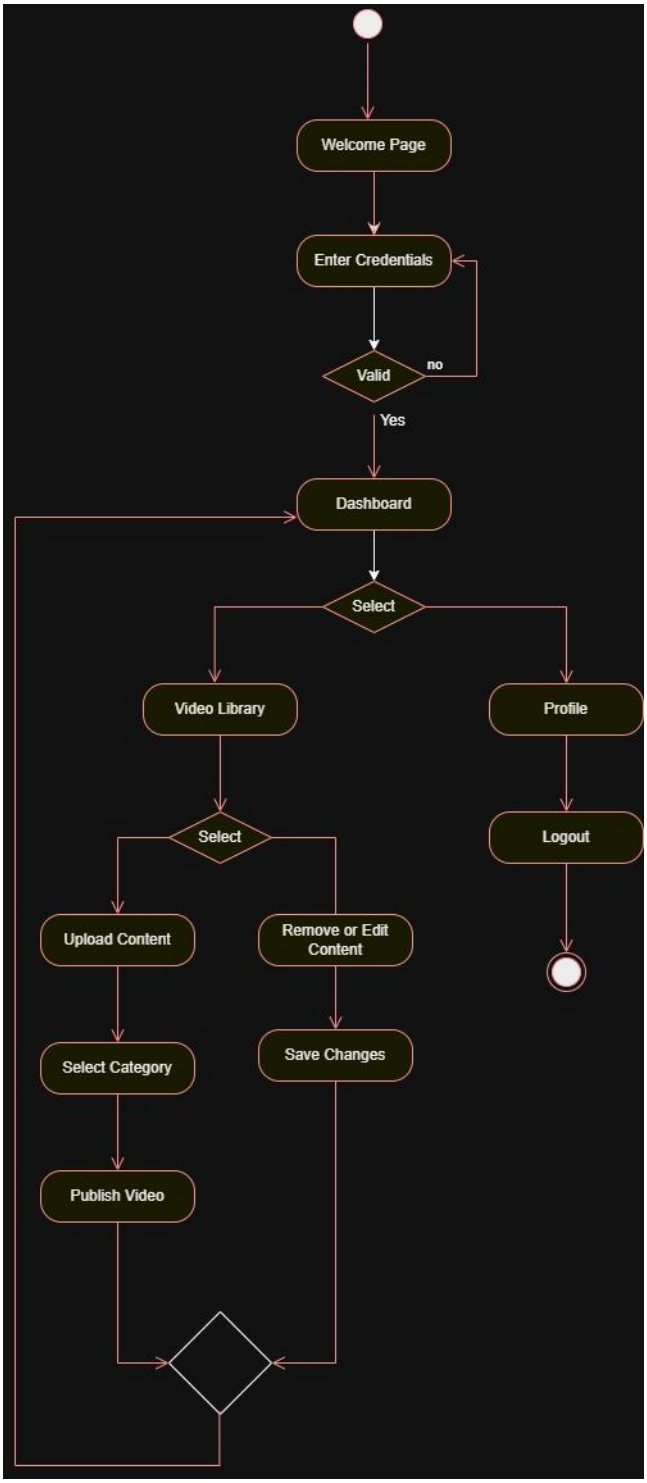
4.Wellness Expert Videos:



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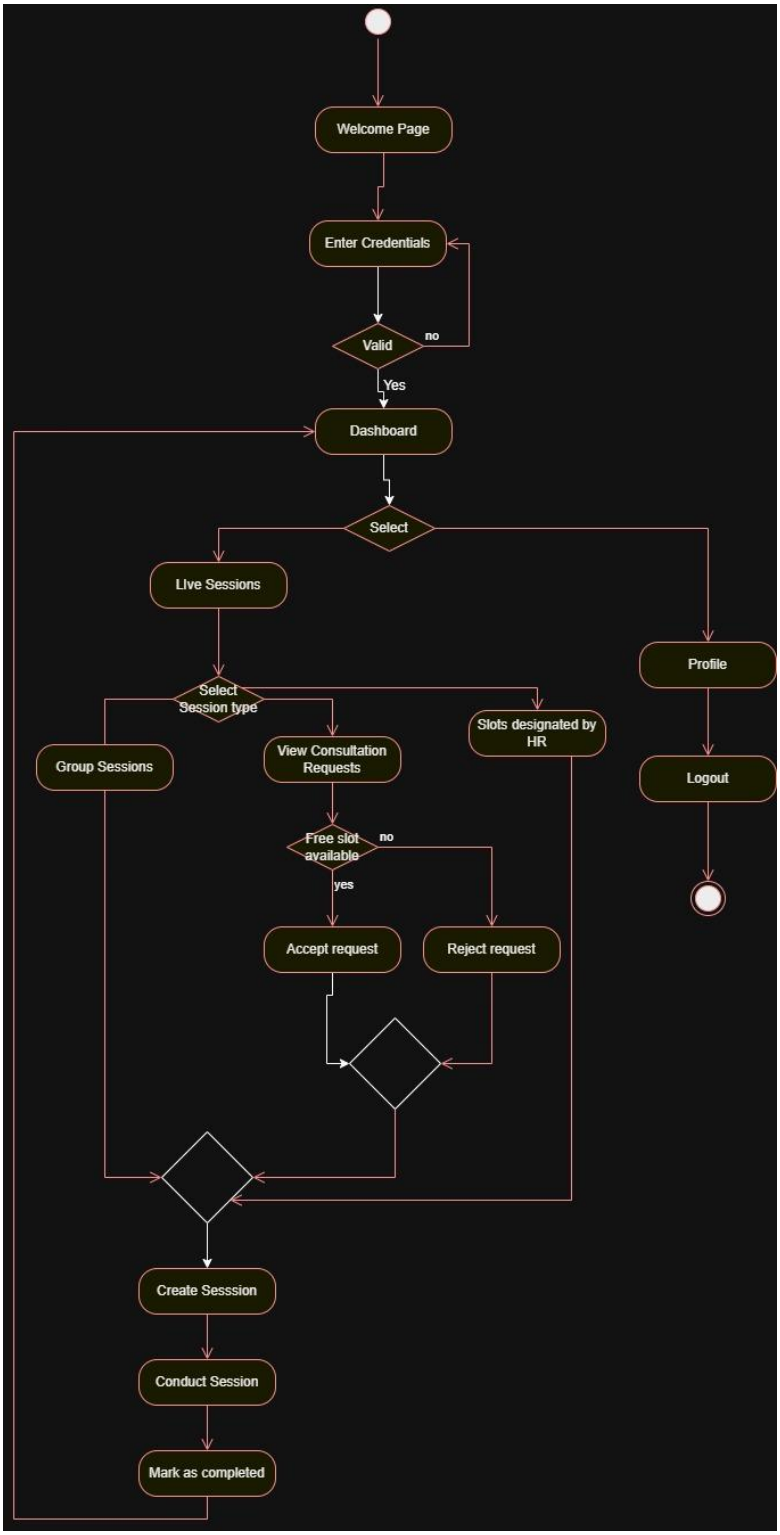
5.Wellness Expert Live sessions:



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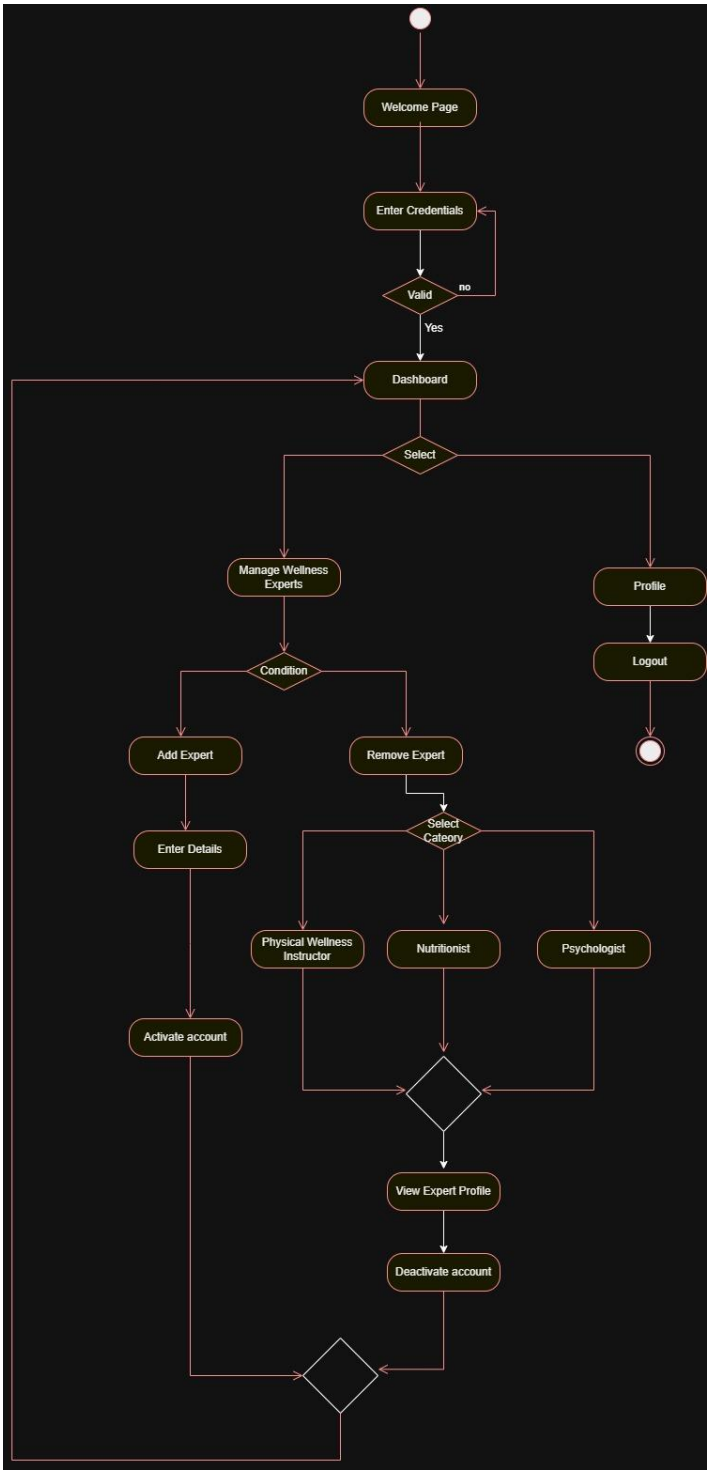
6. HR Wellness Experts Management:



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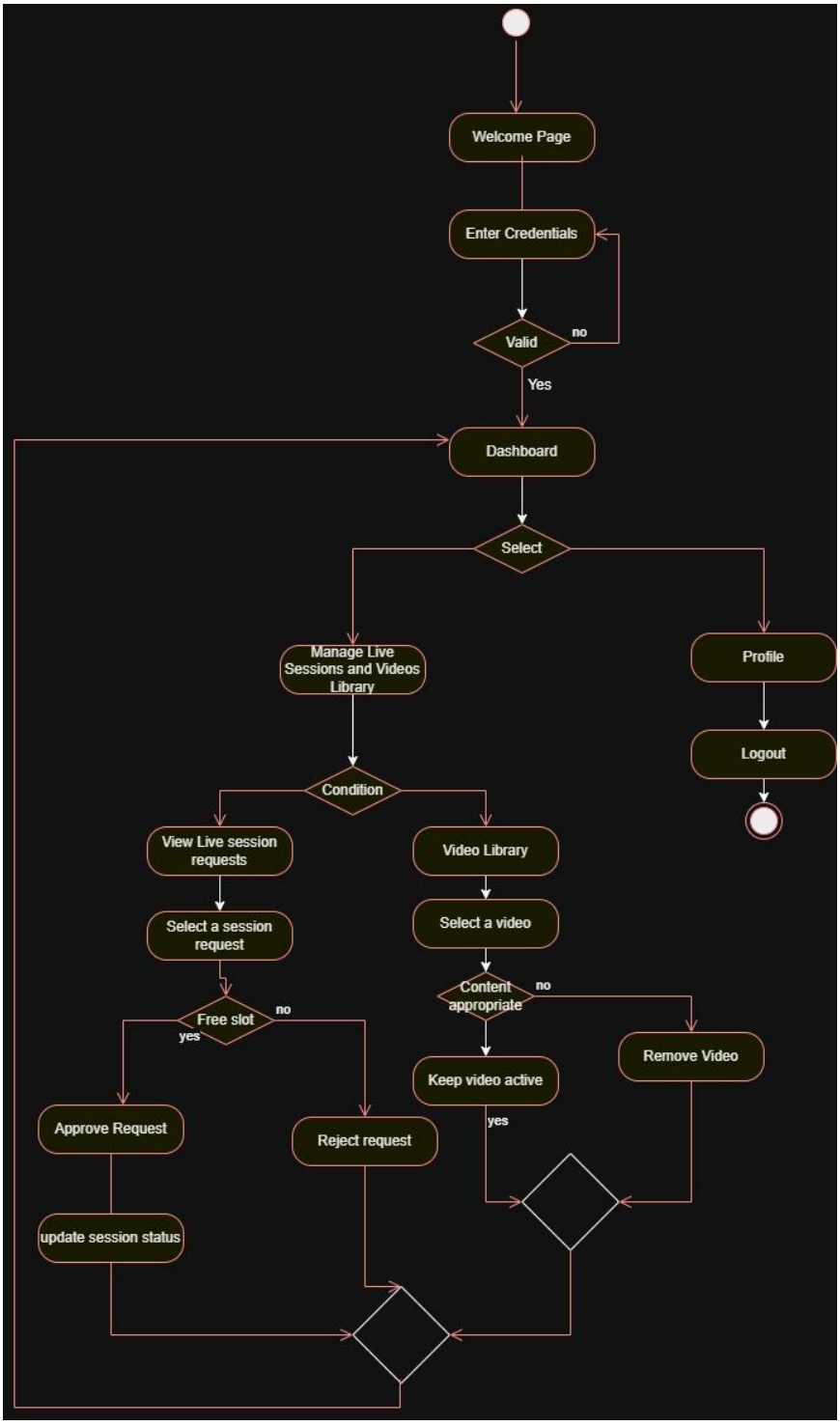
7. HR Manage Live Sessions and Videos



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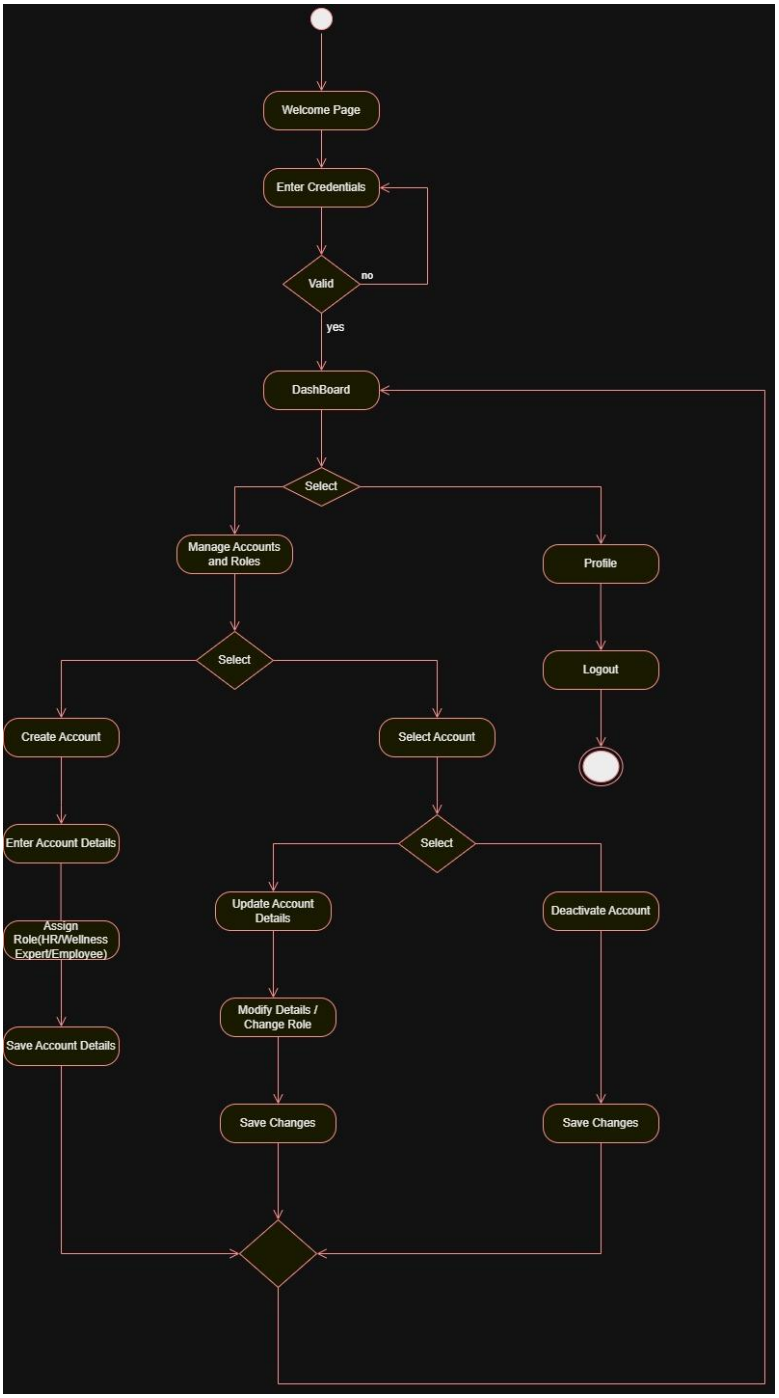
8.Admin Manage Accounts and Roles:



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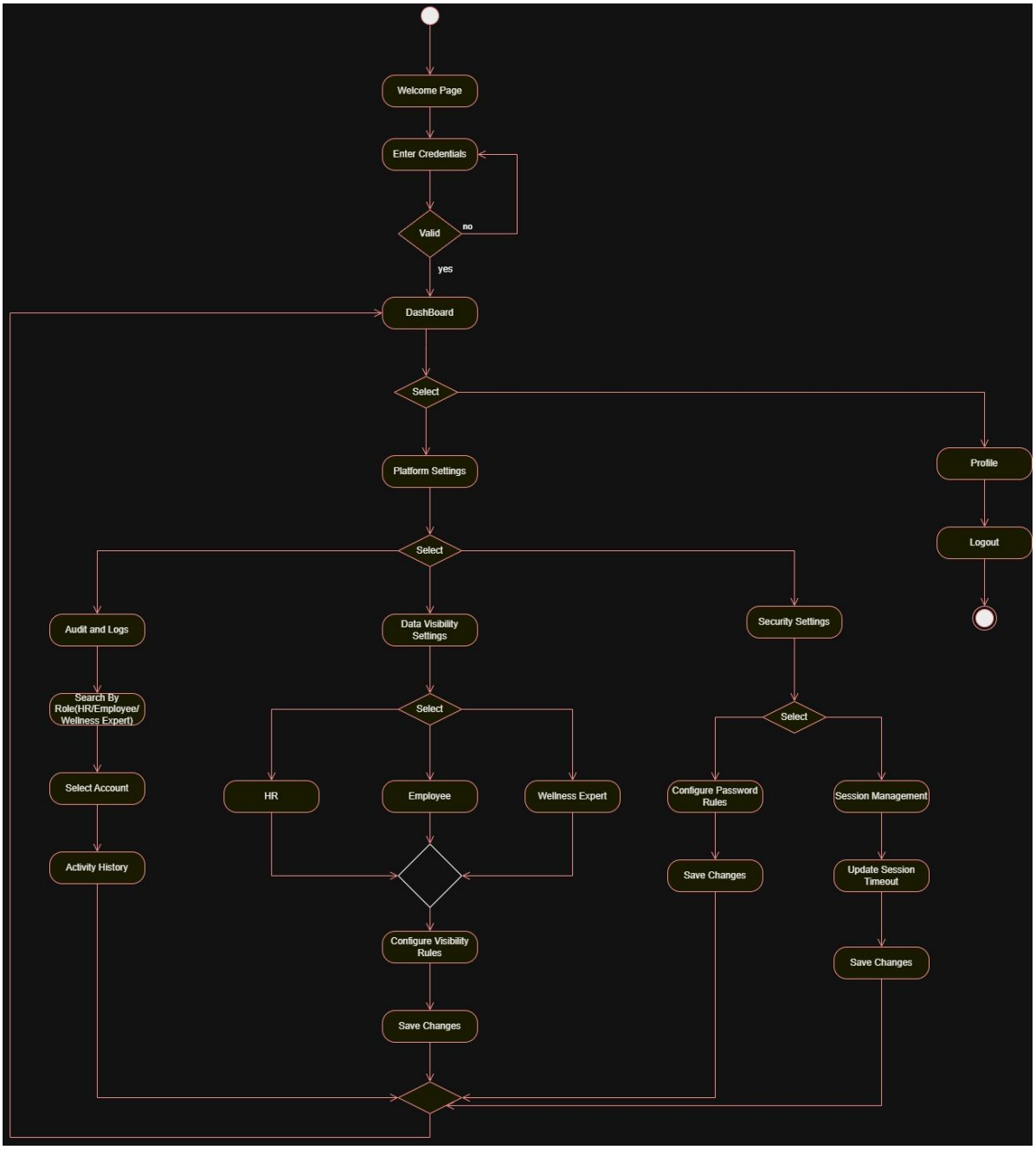
9.Admin Platform Settings



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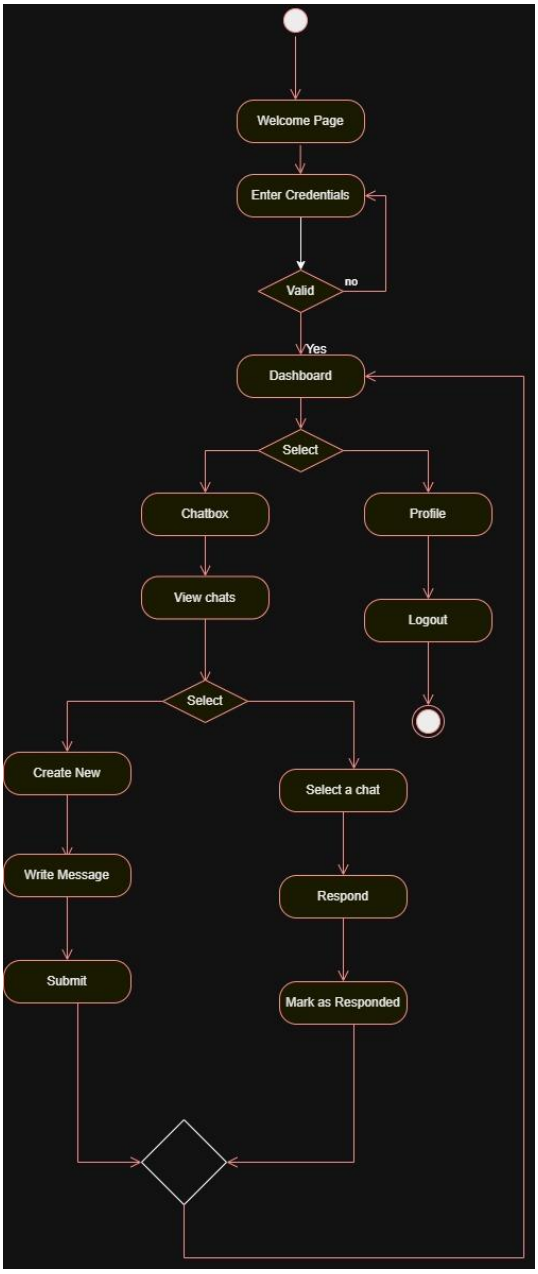
10. Chat box



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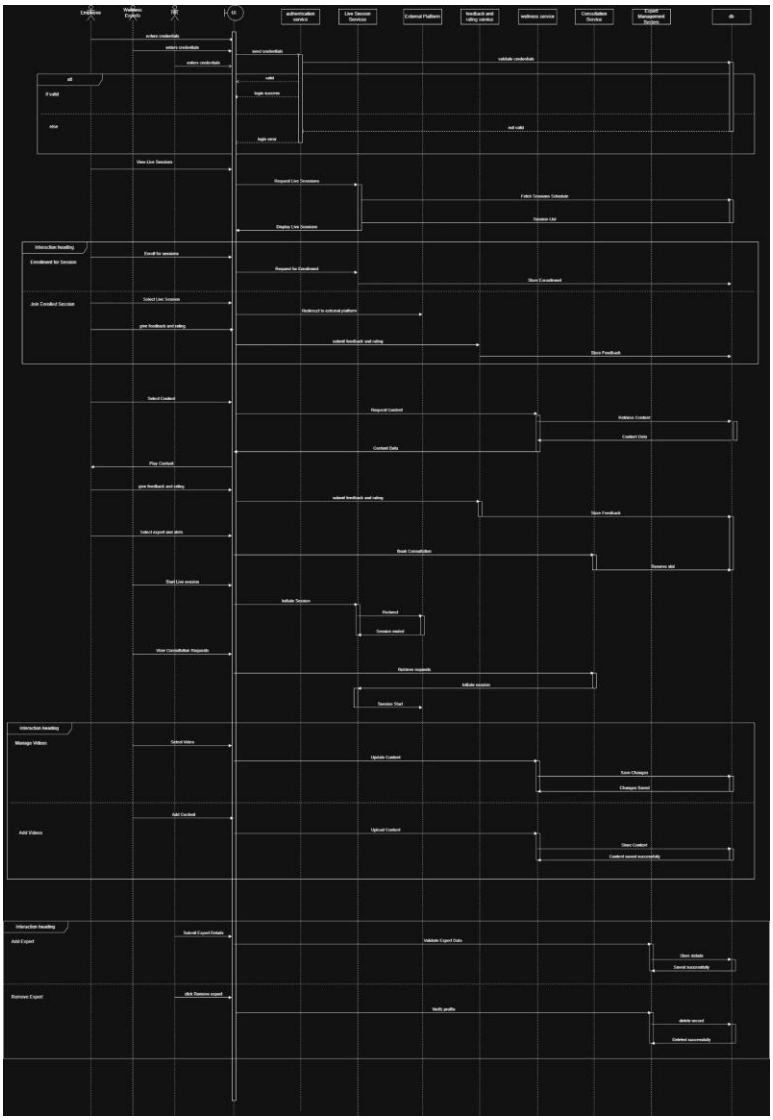
Sequence diagrams

1.Combined Sequence Diagram



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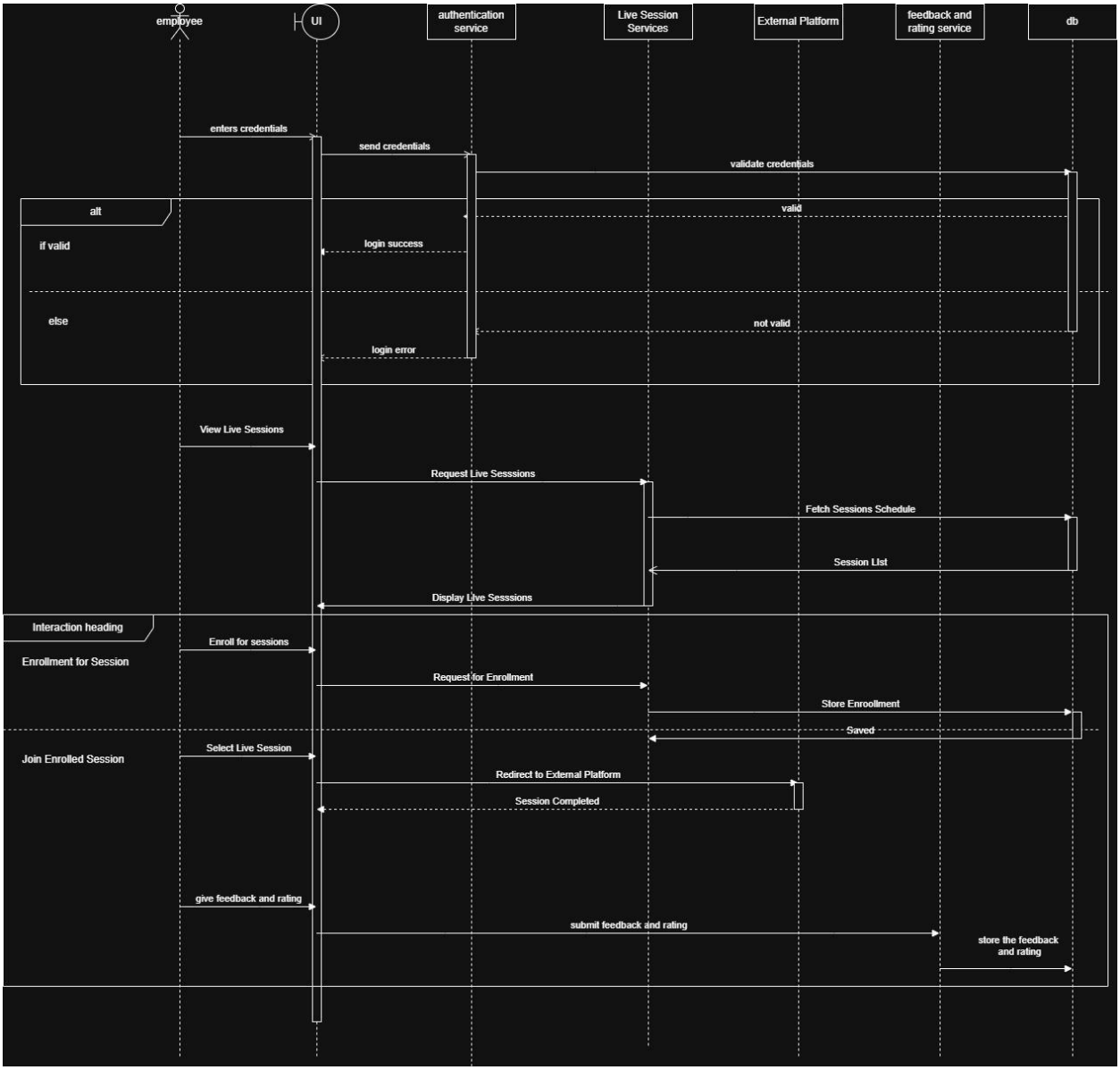
2. Employee Live sessions



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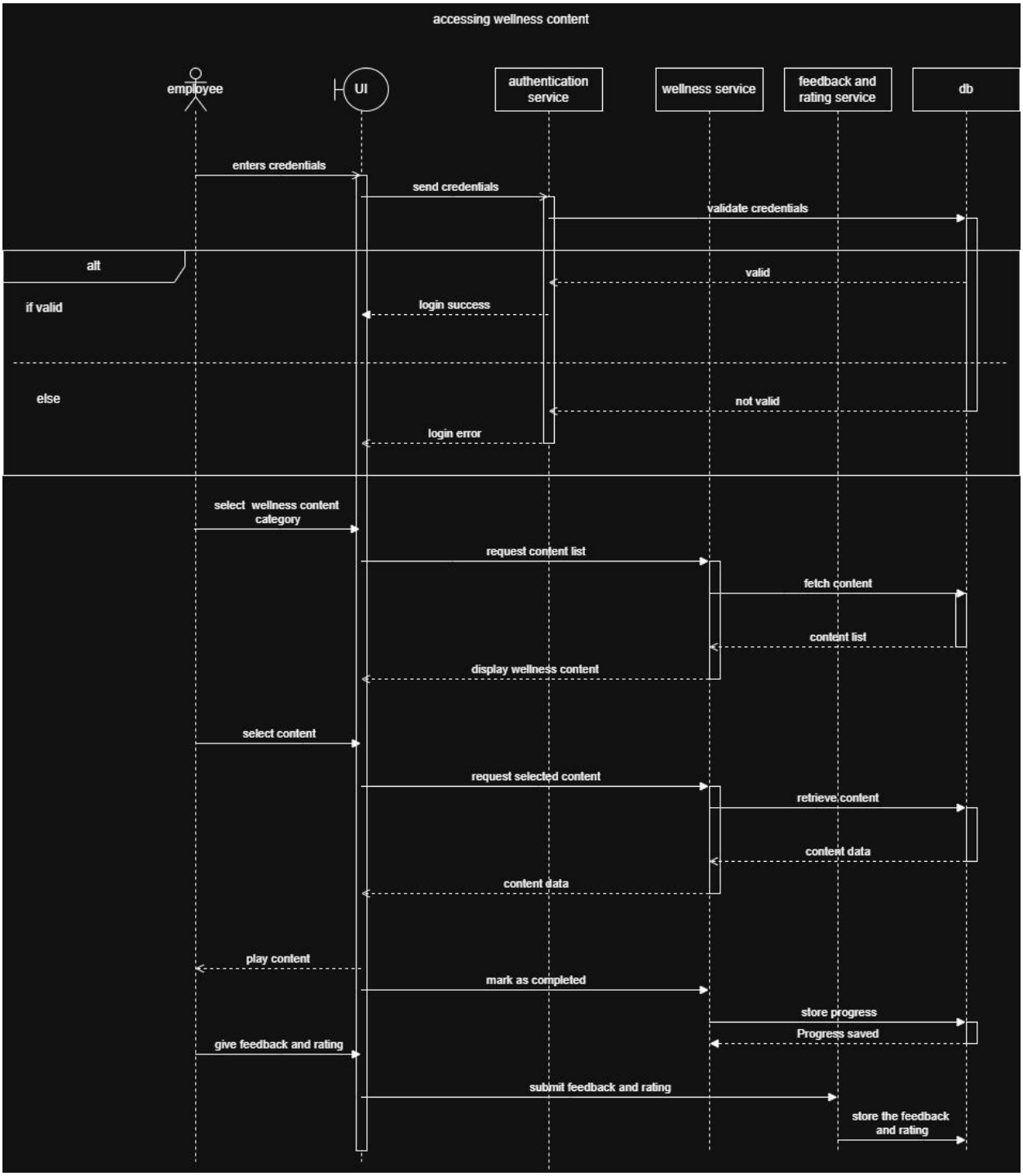
2.Employee Wellness Video



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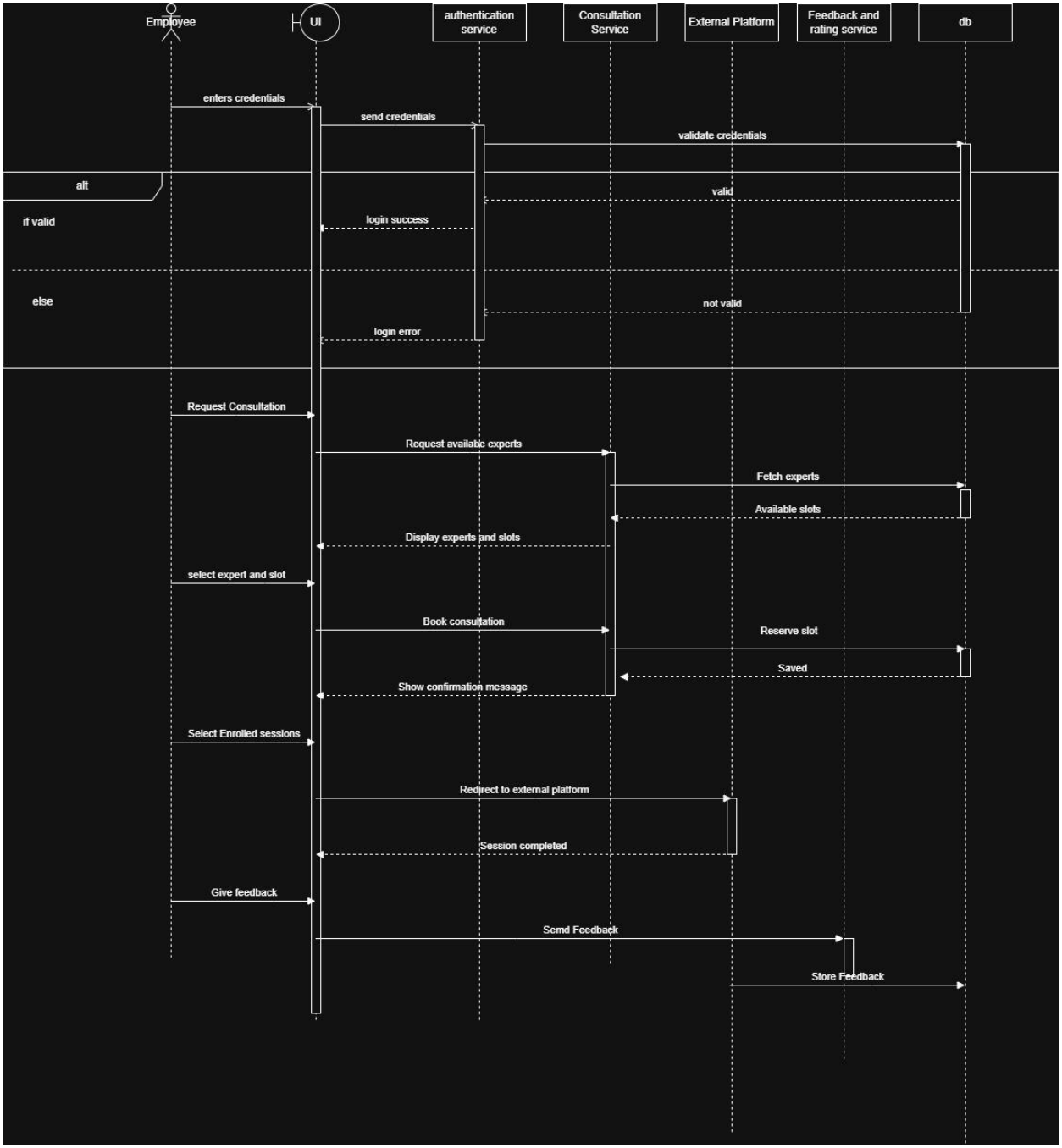
3. Employee Consultation



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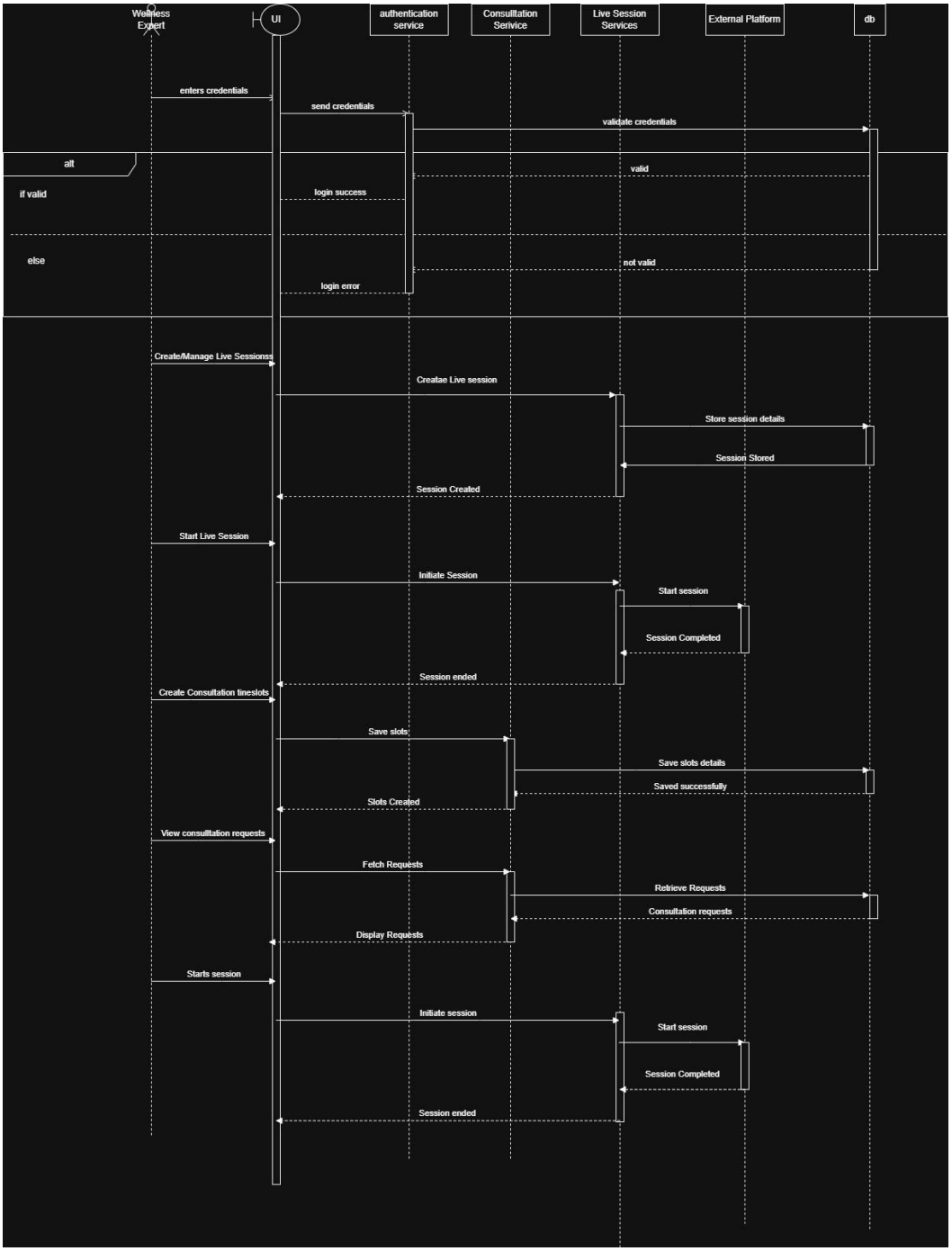
4. Wellness Expert Live



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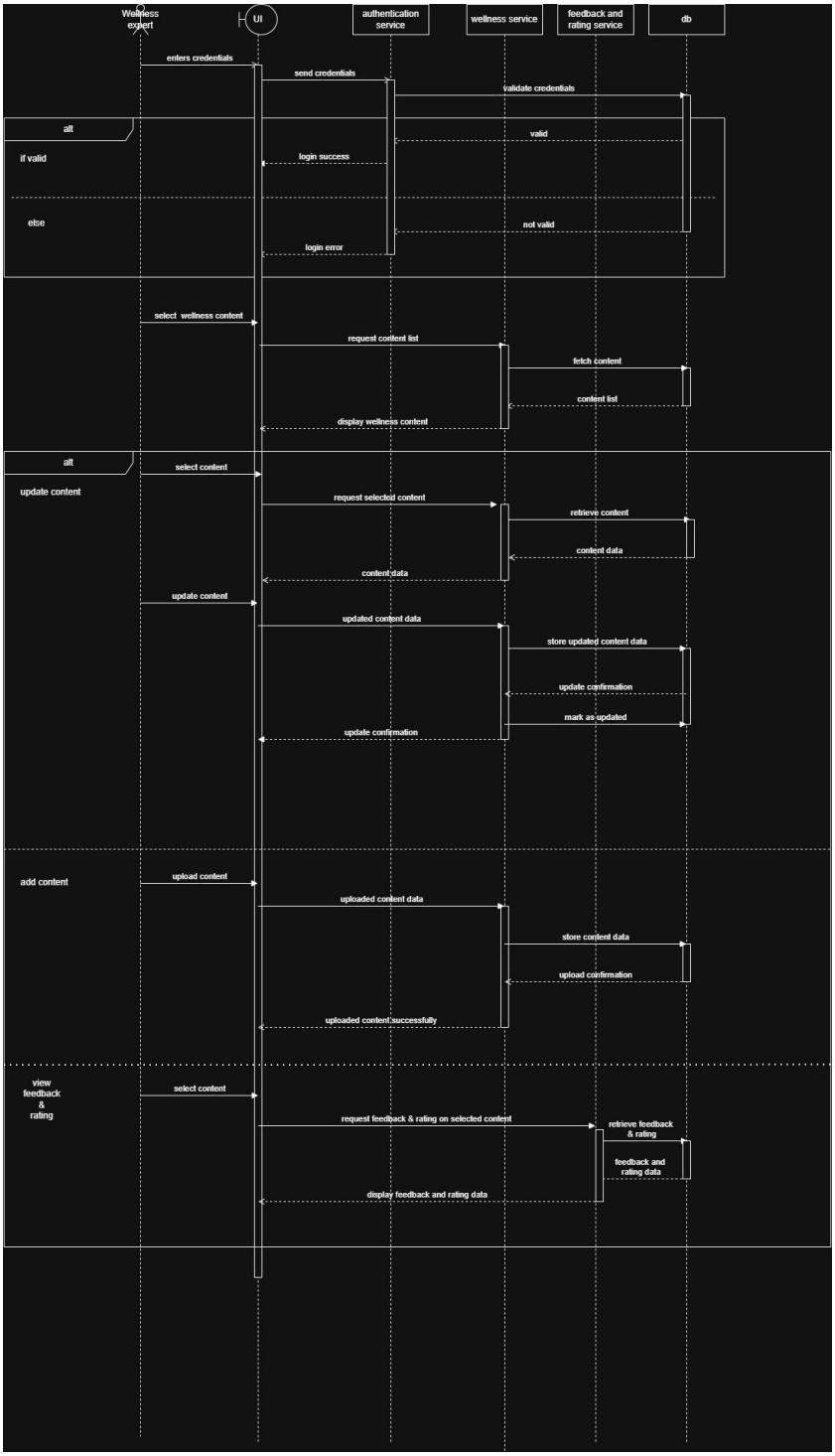
5. Wellness Expert Video



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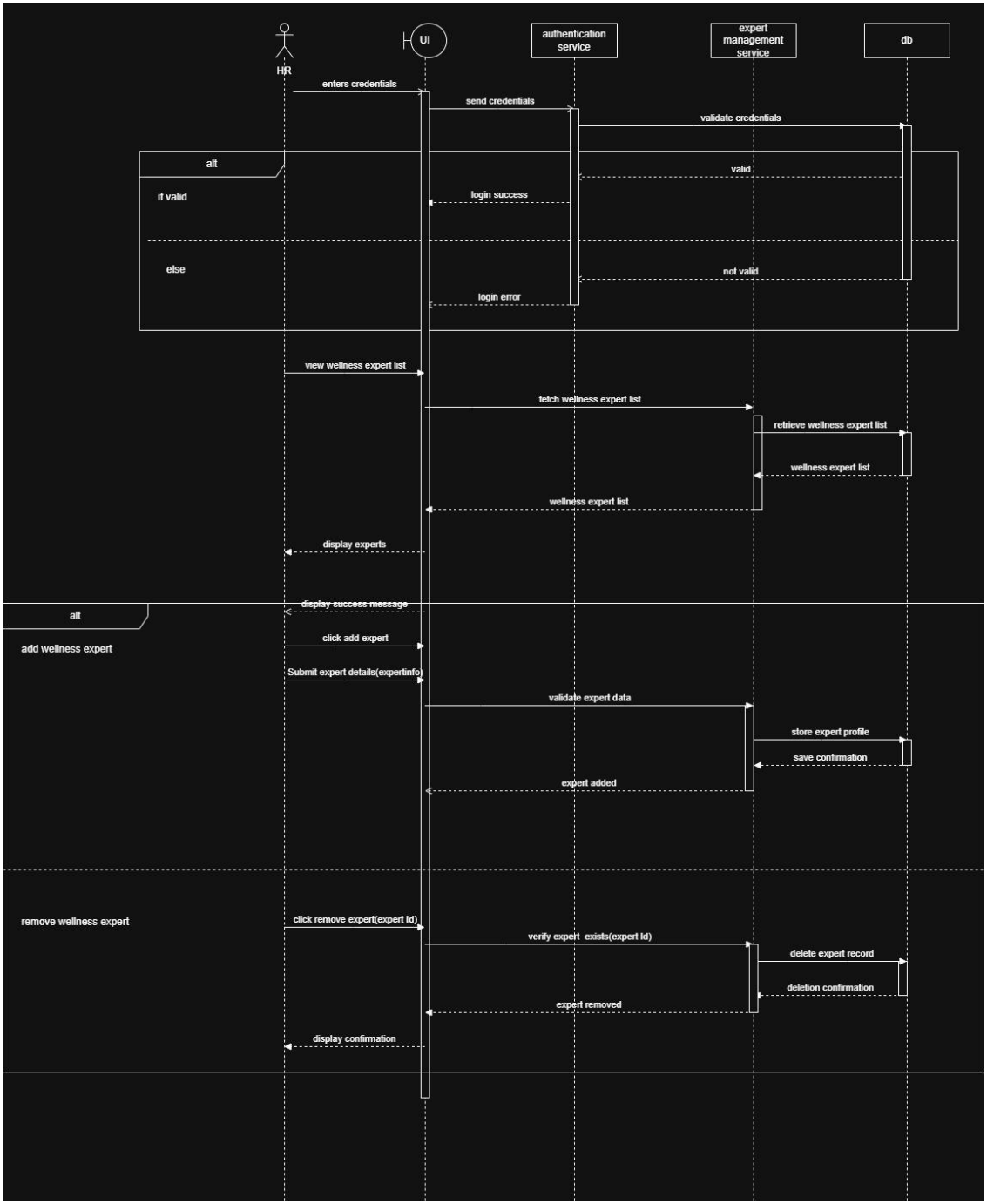
6. HR Manage Wellness Experts



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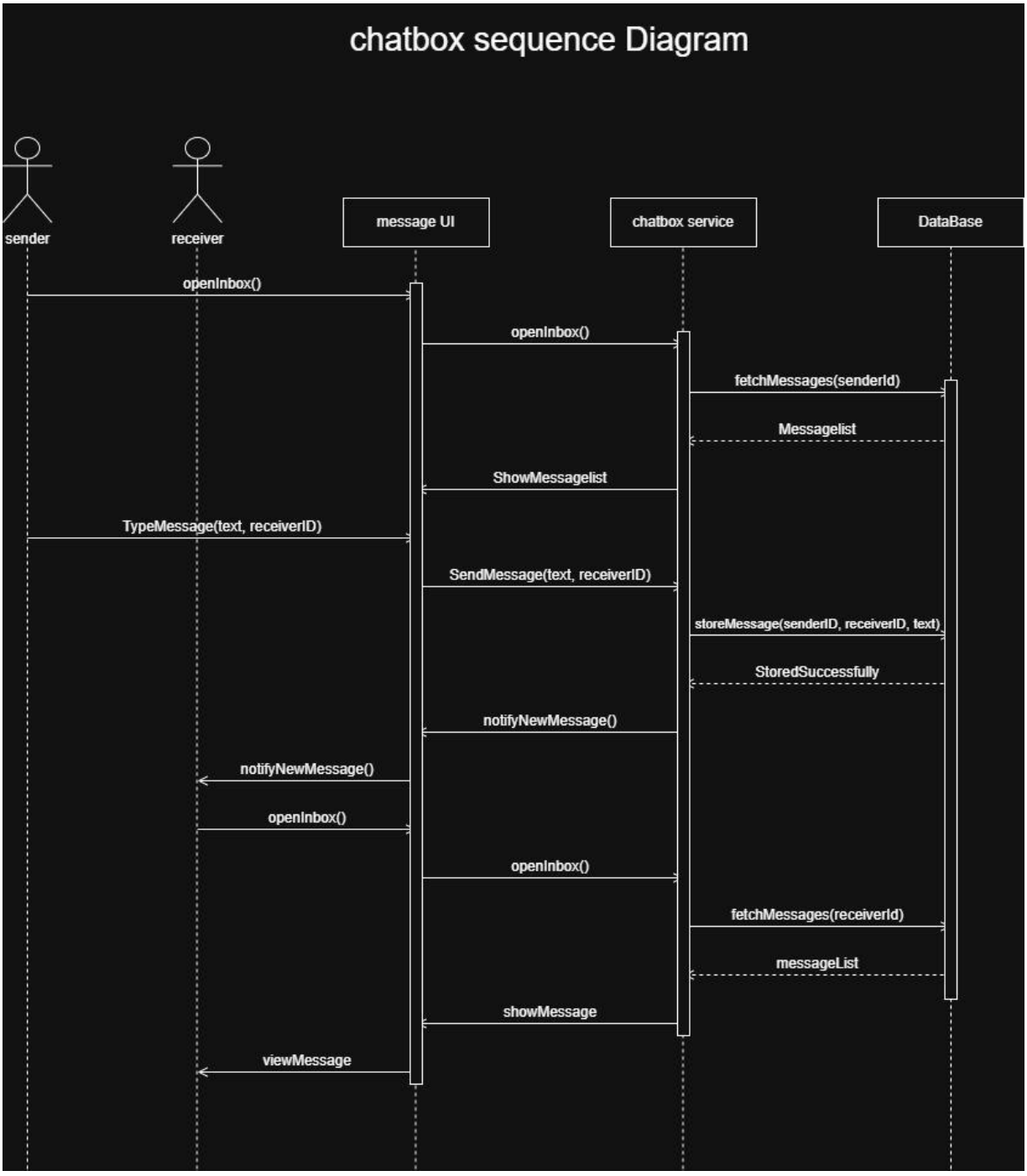
7.Chat box



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