

By Ahmed Sherif – ID 9631

Explanation:

Students can log in or register to access the system.

Students can browse courses to explore available learning opportunities.

Students can enroll in a course to start learning.

Students can complete lessons to progress through the course content.

Students can take quizzes to assess their understanding.

Students can earn certificates upon successful completion of all lessons and quizzes.

Instructors can create and manage courses to provide learning materials.

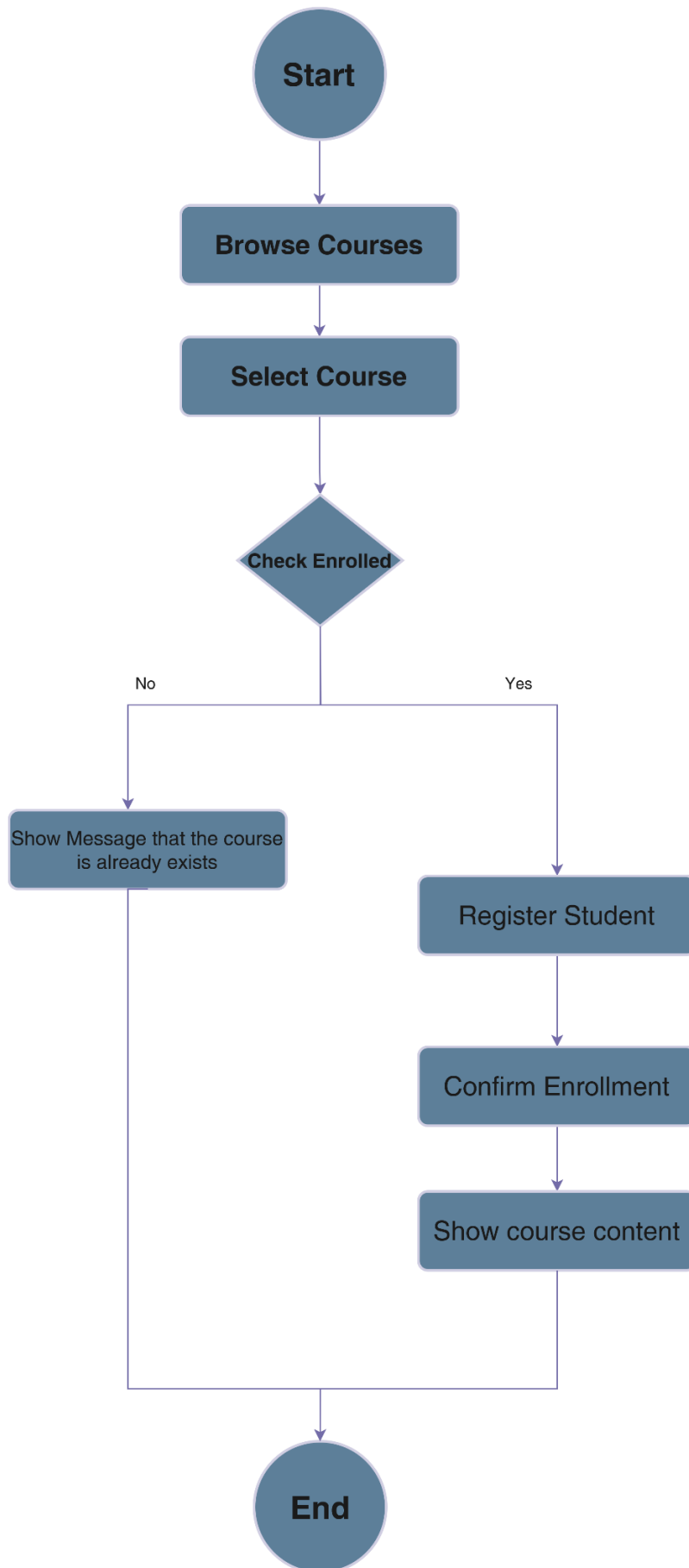
Instructors can upload lessons including videos, texts, and resources.

Instructors can design quizzes to evaluate student performance.

Admins can manage users by adding, editing, or removing accounts.

Admins can approve or remove courses to maintain platform quality.

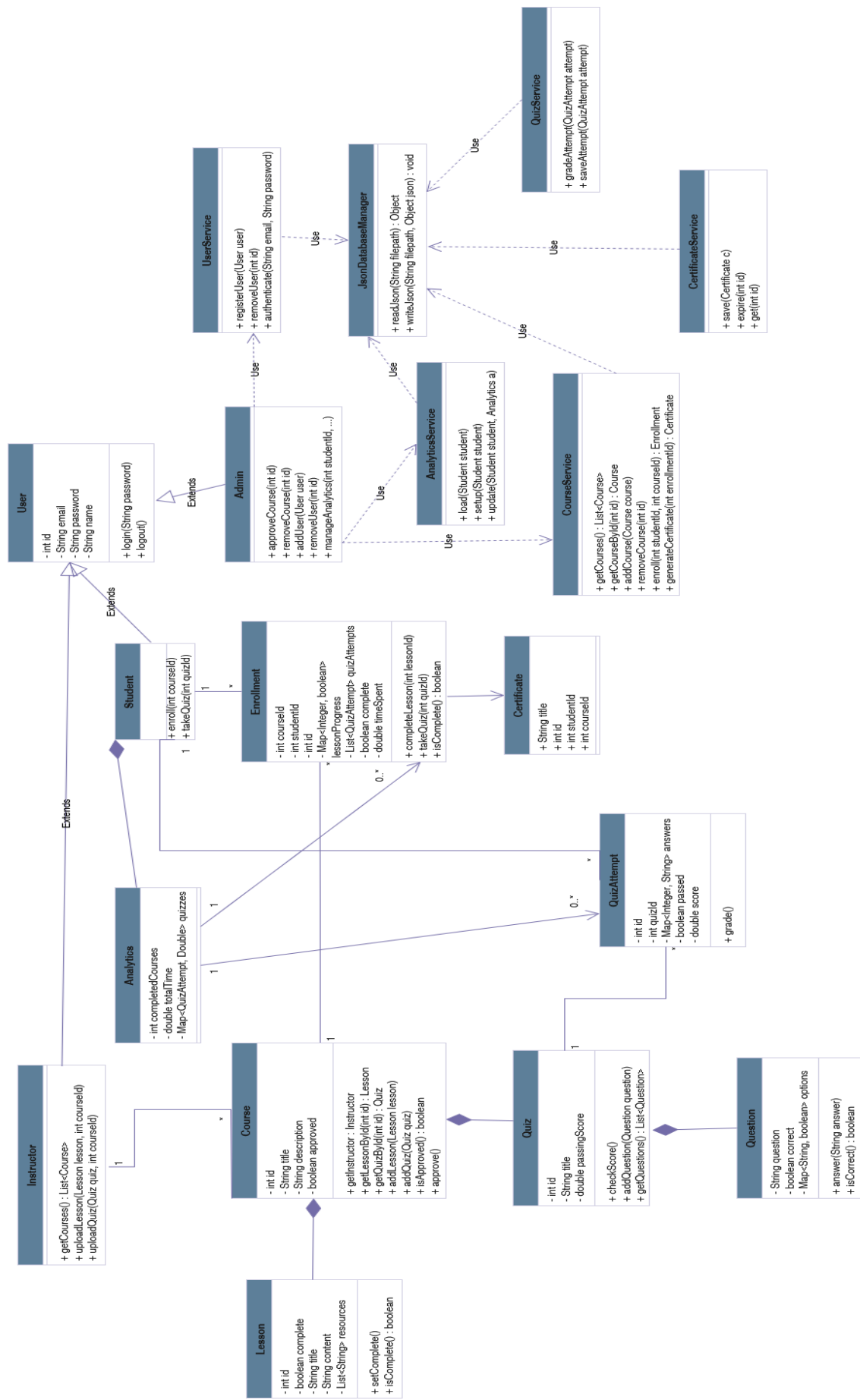
Admins can monitor platform analytics to track performance and usage statistics.



By Abdoalrahman Khedr – ID 9624

Explanation:

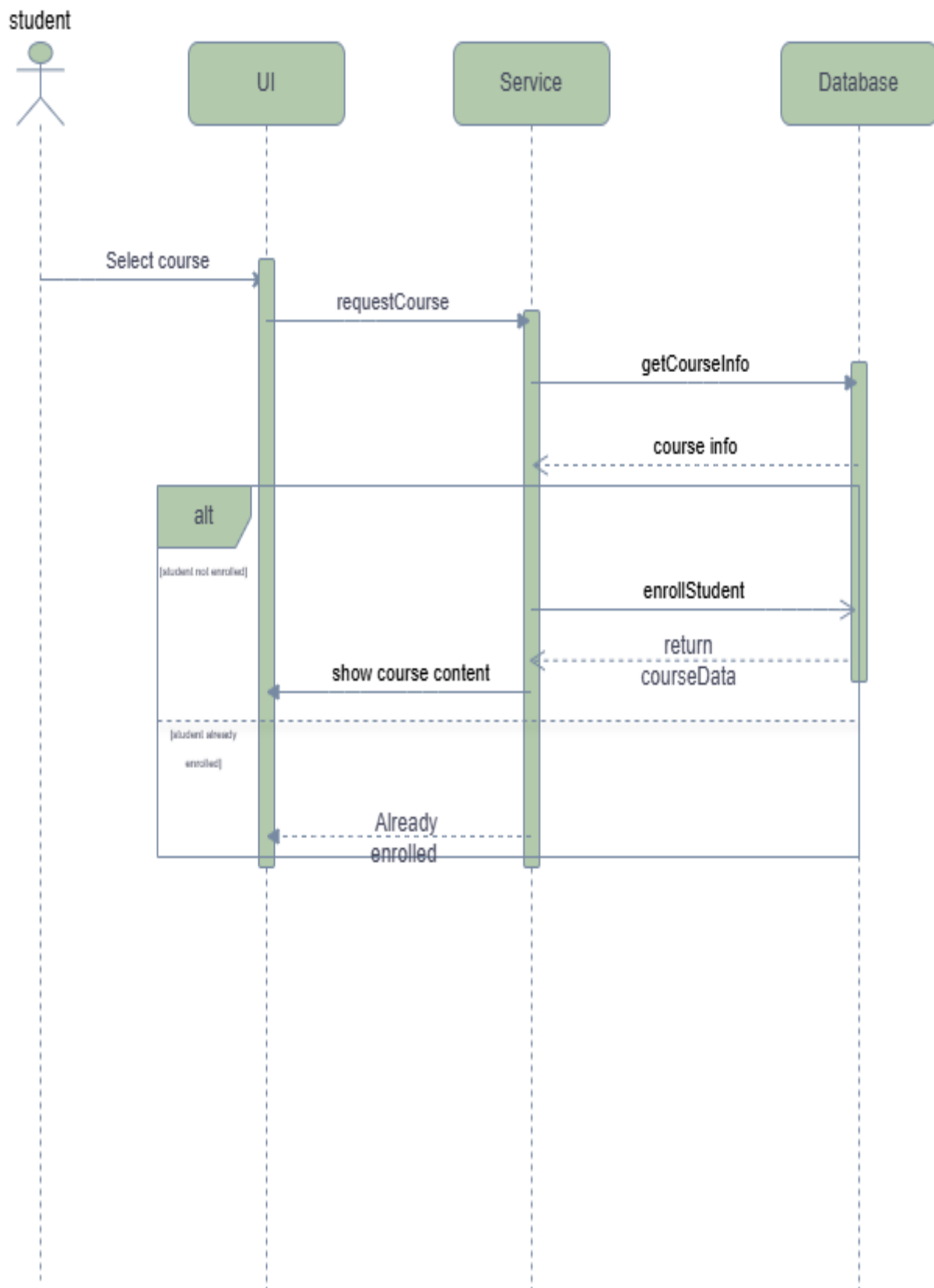
This Activity Diagram illustrates the workflow a student follows to enroll in a course in the SkillForge platform. It shows the sequence of student actions and system validations, including browsing courses, selecting a course, and checking enrollment status before registration. This is important because it helps clarify the system behavior and ensures all developers understand the enrollment process logic



By Andrew Sameh Adel Mikhail – ID 9489

Explanation:

This diagram models the database, service and representation layers to represent an in-depth structure for the program's classes. It is designed initially before implementation to give a rough organisational idea on how the source folder will be structured as.



By Hassan Mohsen – ID 9635

Explanation:

This Sequence Diagram represents the process of a student enrolling in a course on the SkillForge platform. It shows how the UI, Service, and Database interact to check if the student is already enrolled, fetch course information, and respond accordingly. This diagram is important because it clarifies the system's logic and communication flow, ensuring all components work together correctly during enrollment.