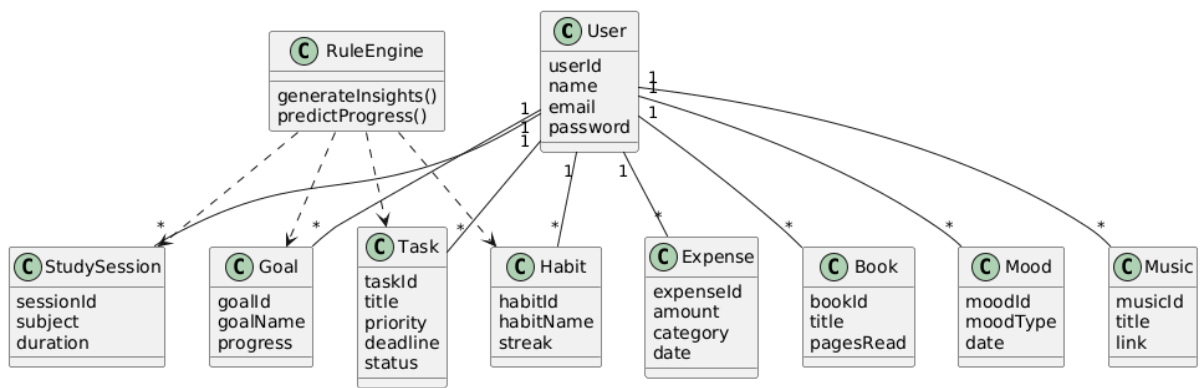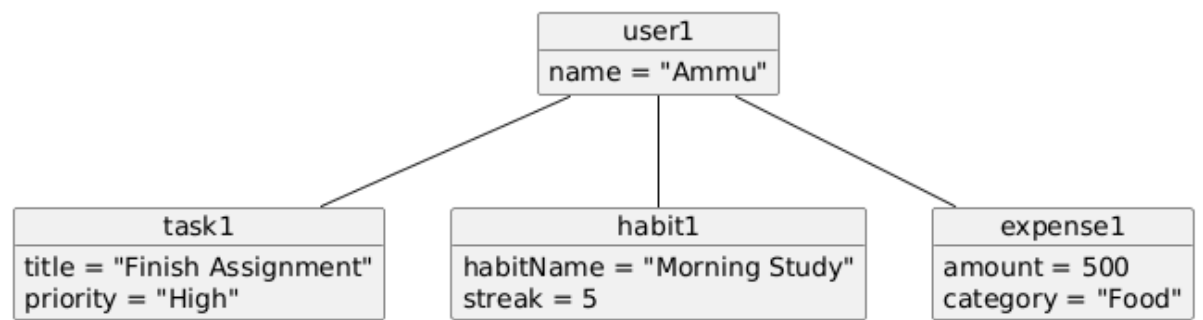# UML DIAGRAMS

Class Diagram

Shows core entities and relationships including User, Task, Habit, Expense, StudySession, Book, Mood, Goal, Music, and the internal RuleEngine.
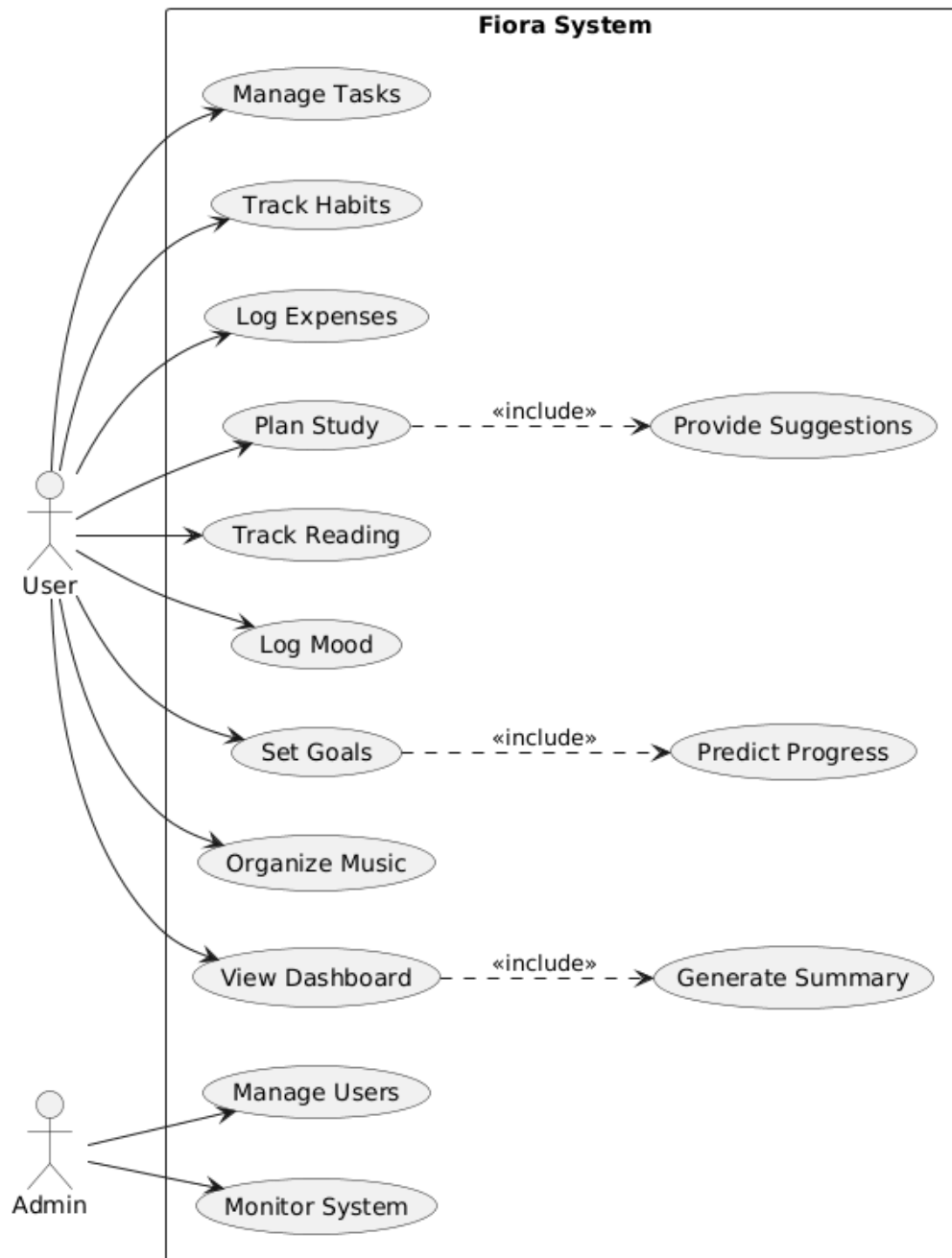

Object Diagram

It represents a snapshot of a user and related objects such as tasks, habits, and expenses at a particular point in time.
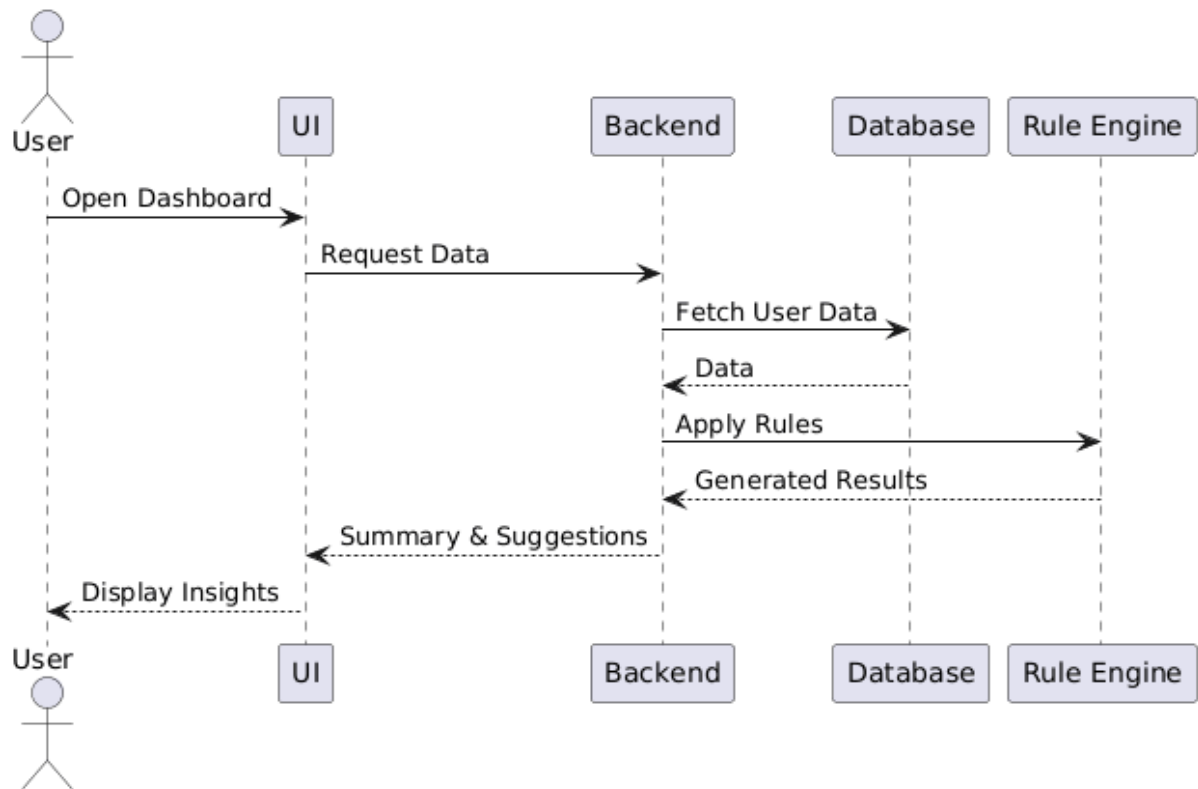
Use-Case Diagram

Actors and main interactions: Admin and General User with core system functionalities.
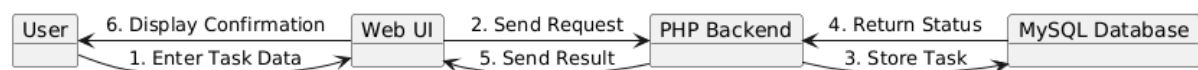
Sequence Diagram

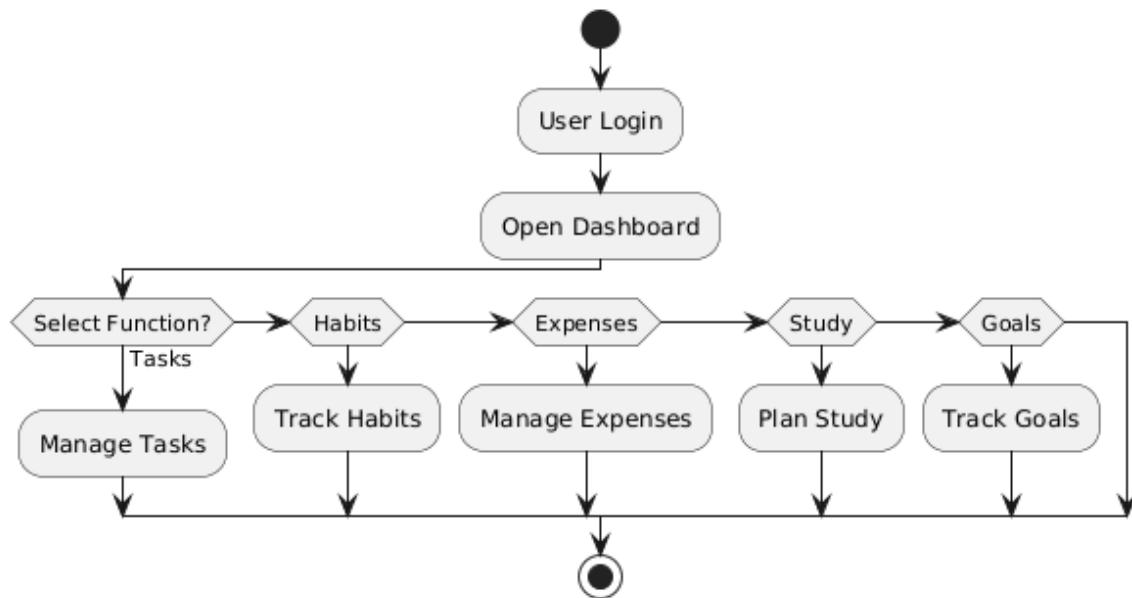Dashboard loading and insights generation.

Collaboration Diagram

Shows the same flow as the sequence diagram using numbered interactions between components.
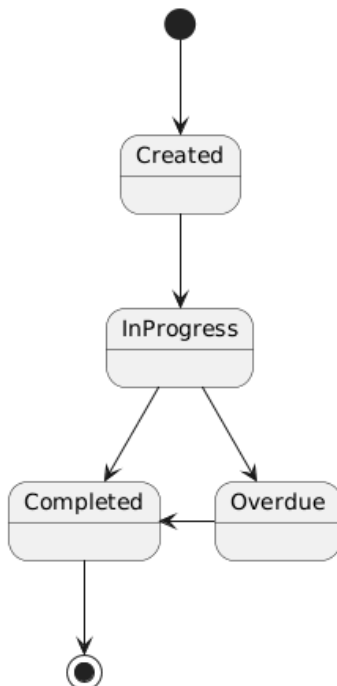
Activity Diagram

Process flow from user action to dashboard update with automatic rule-based processing.
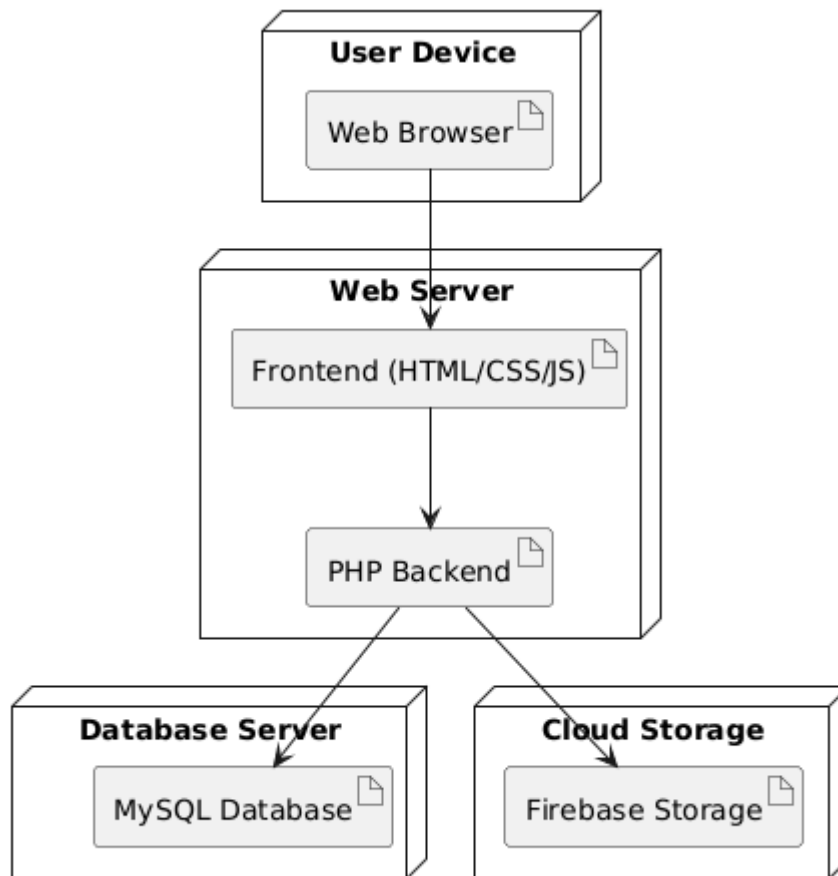

Statechart Diagram

Shows the state transitions of a task from creation to completion

Deployment Diagram

Shows the physical deployment of Fiora across client, server, database, and cloud nodes.

Component Diagram

Shows the logical components of the Fiora system and their interactions.