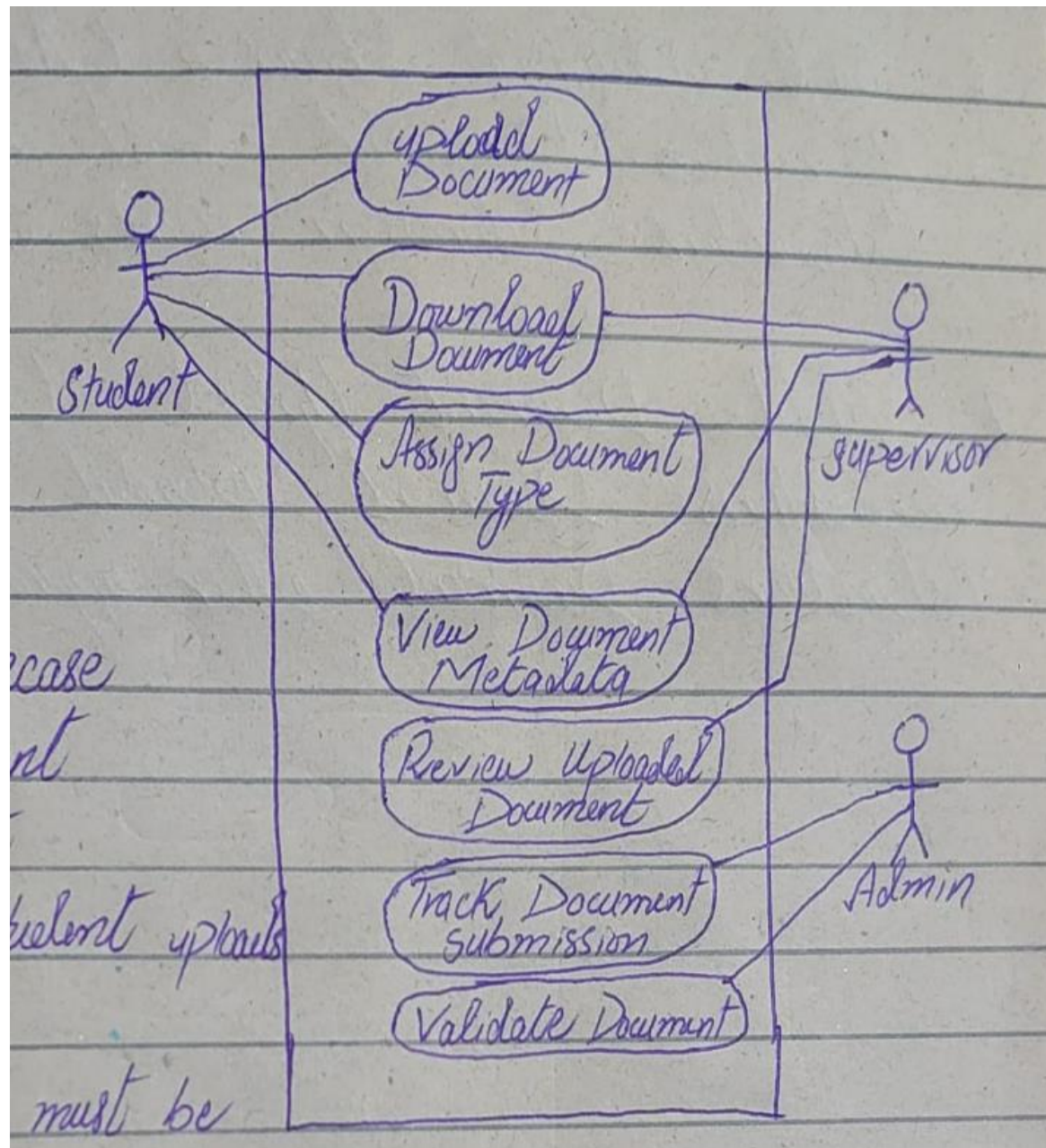


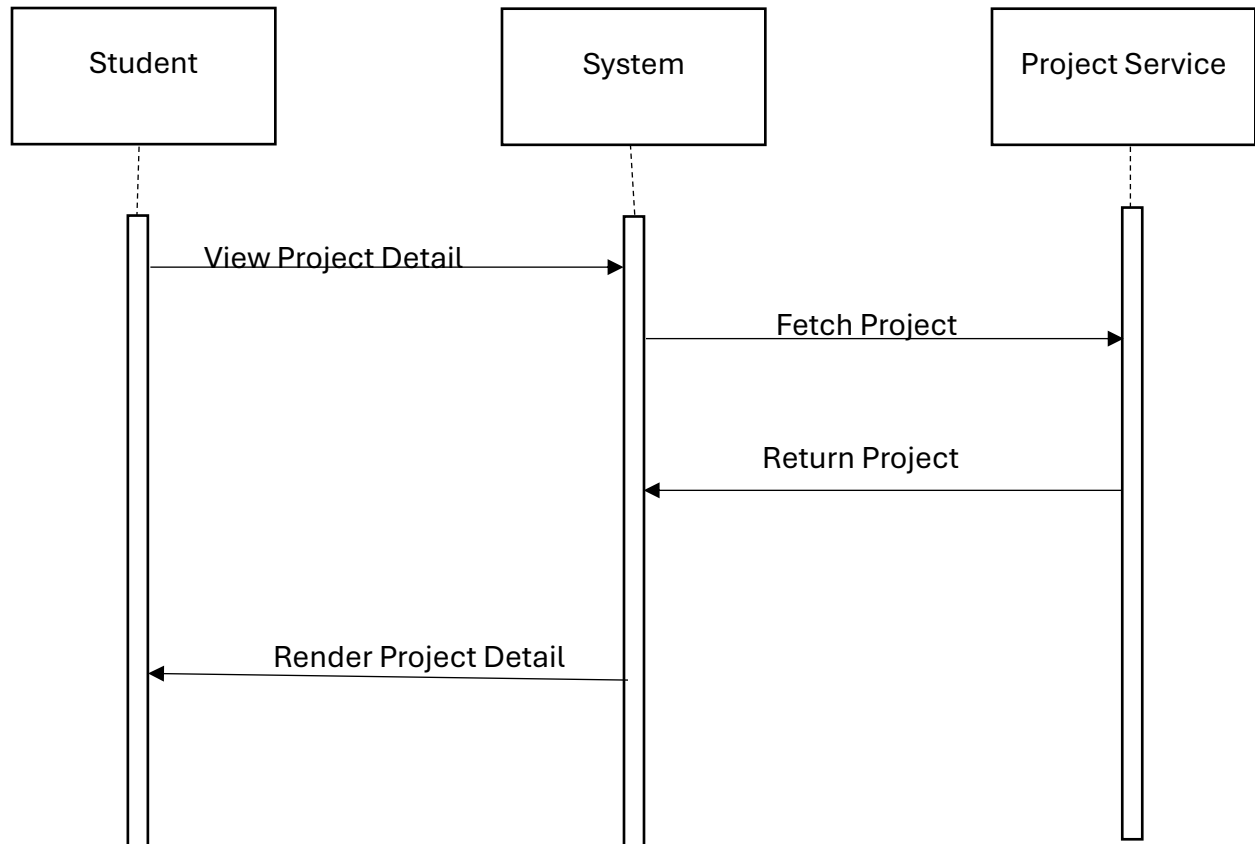
Name: Abdul Haseeb

Registration number: SP23-BSE-002

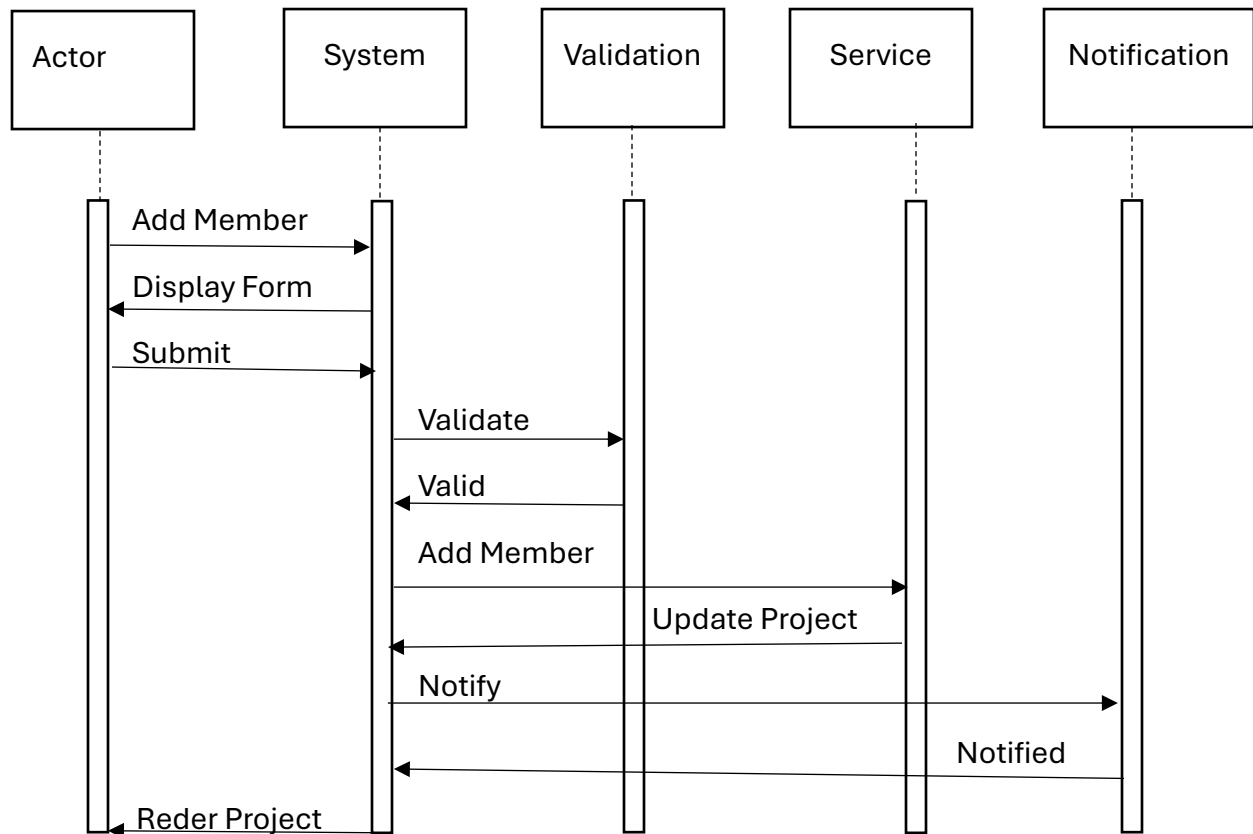
Subject: Software Design Architecture



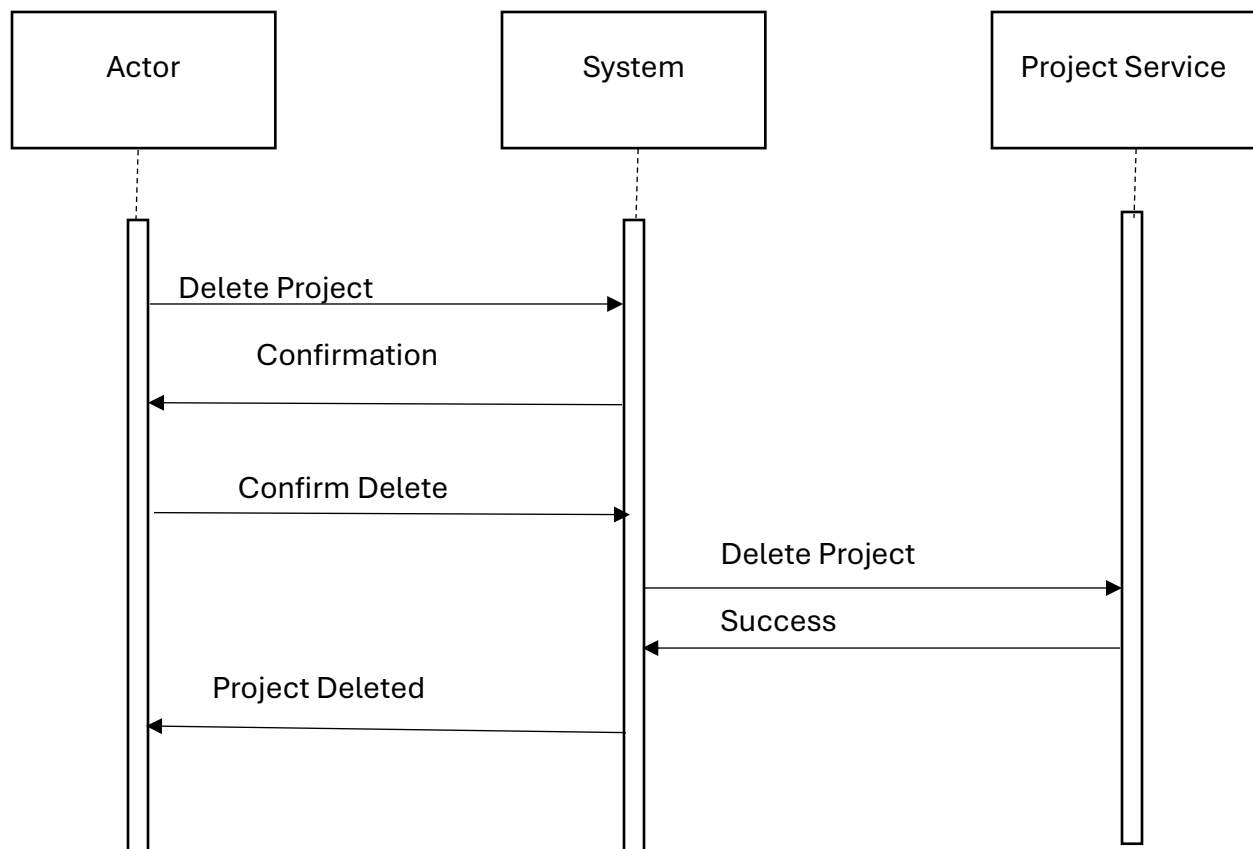
SSD UC-1: View Project Detail



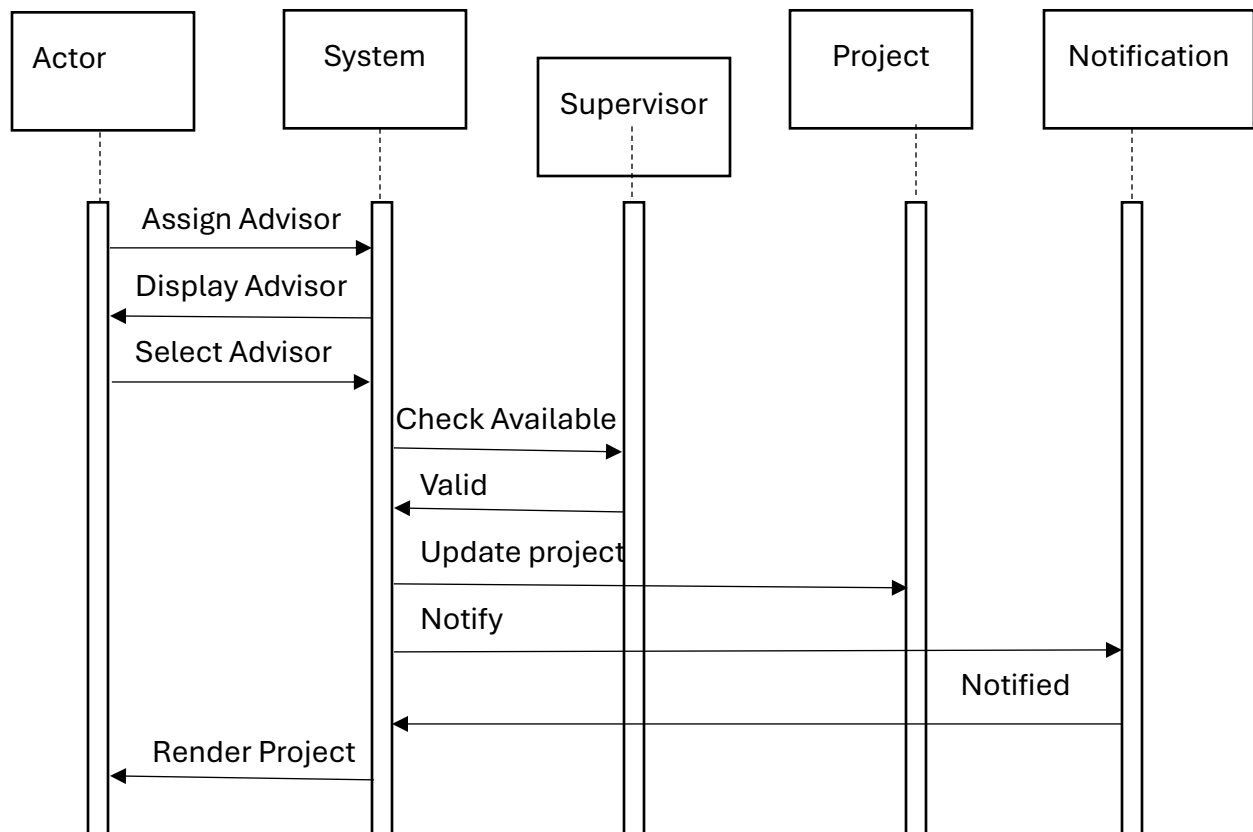
UC-2: Add Project Member



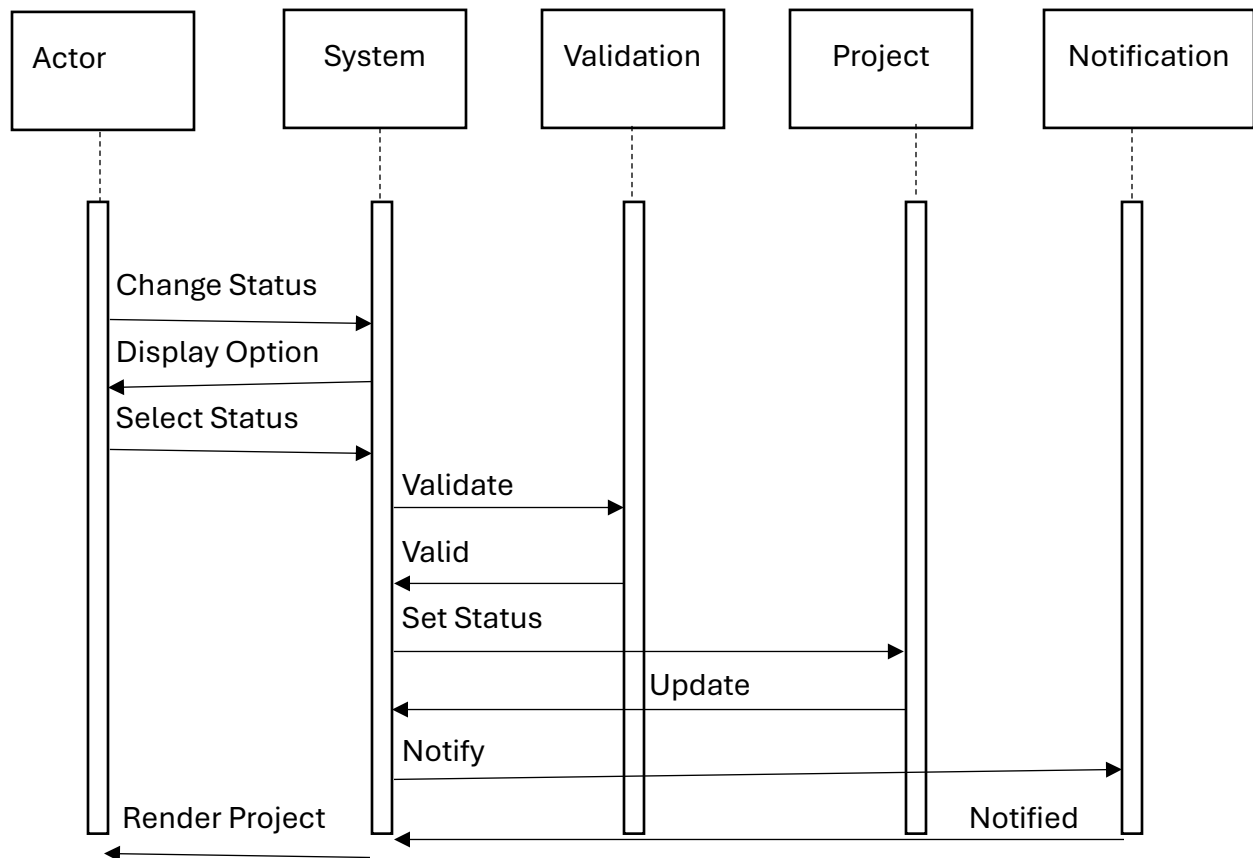
UC-3: Remove Project



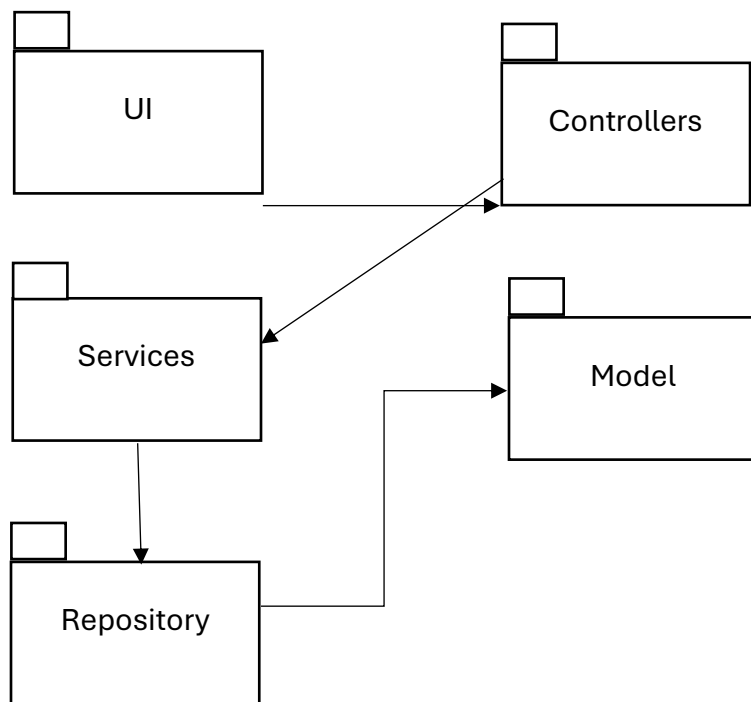
UC-4: Assign Project Advisor



UC-5: Update Project Status



Package Diagram

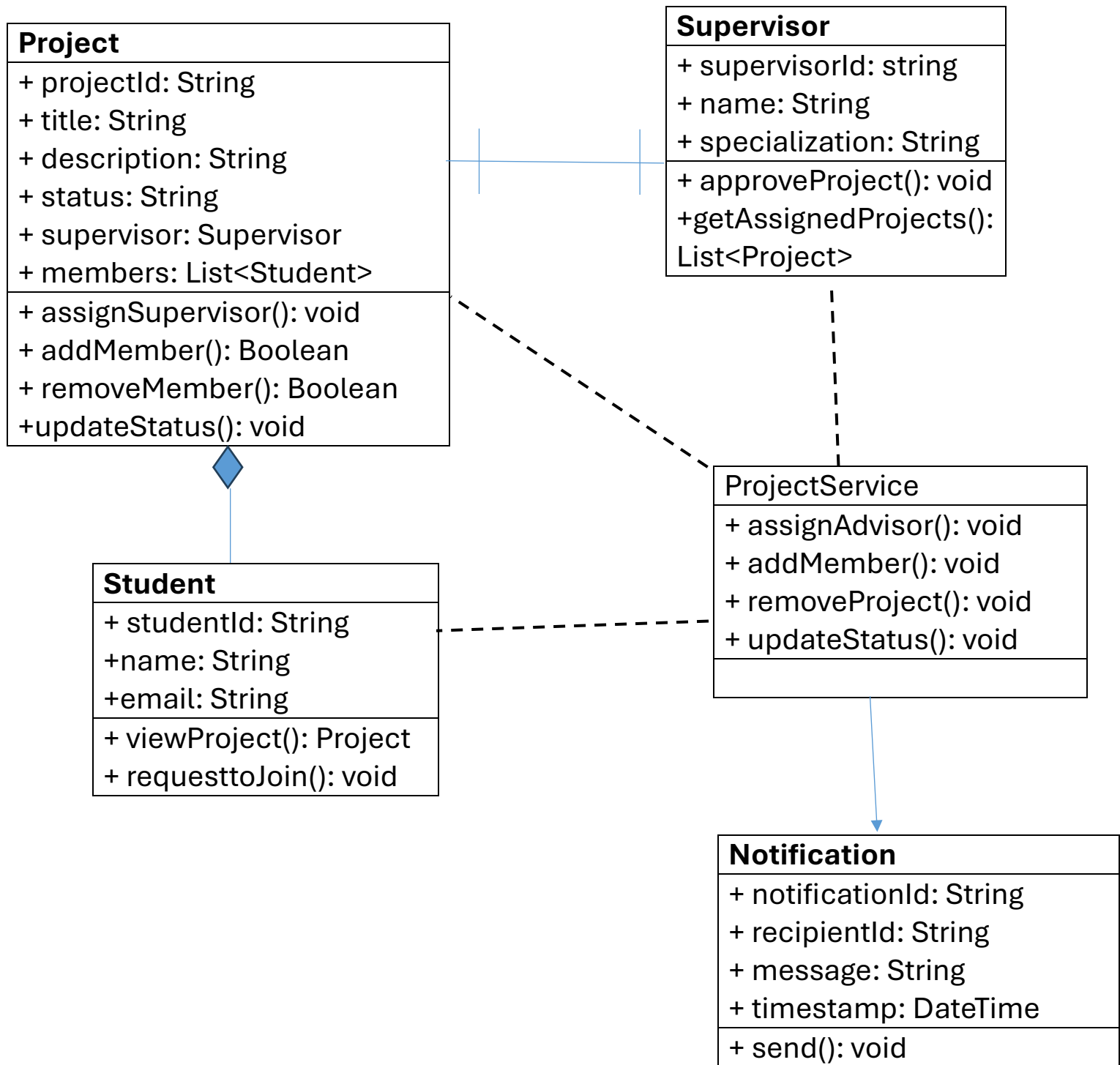


Collaboration Diagram

Use Case: Assign Project Advisor

Object in Diagram

Object Name	Object Label in Diagram
User (student or admin)	User
Project Controller	ProjectController
Supervisor Service	SupervisorService
Project Service	ProjectService
Notification Service	NotificationService



Coding Standards

- **Use meaningful variable and method names** – e.g., assignSupervisor() instead of asSup().
- **Follow consistent indentation (4 spaces)** to improve readability.
- **Use PascalCase for class names** (e.g., ProjectManager) and camelCase for variables/methods (e.g., projectList).
- **Group related methods together** inside classes (e.g., all Project operations in ProjectService).
- **Avoid hard-coded values** – use constants or configuration files for IDs, statuses, etc.