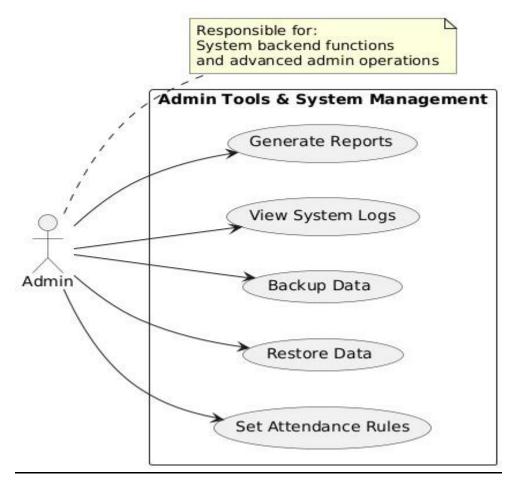
Use Case Diagram:



Fully Dressed Use Case:

Use Case Section Description

Use Case Name Generate Reports

Scope Admin Tools & System Management

<u>Level</u> <u>User-goal</u>

Primary Actor Admin

Stakeholders and Admin wants to retrieve system reports for auditing, performance monitoring, or

Interests record-keeping.

<u>Preconditions</u> Admin is logged into the system with sufficient privileges.

Use Case Section Description

<u>Success</u>
<u>Guarantee</u>

Reports are generated and displayed/downloaded successfully.

Main Success Scenario 1. Admin selects "Generate Reports" option.2. System asks for report type/date range.3. Admin inputs parameters.4. System retrieves data and generates the

report.5. Admin views or downloads the report.

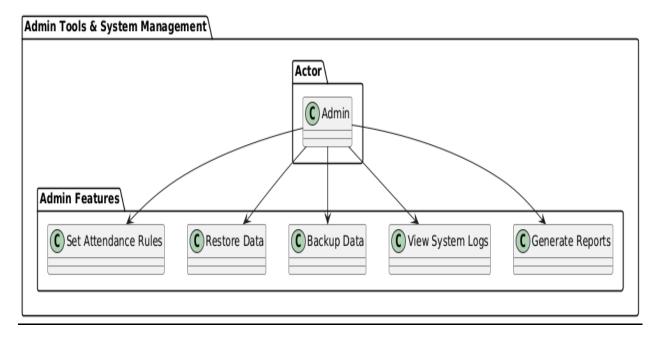
Extensions 2a. Admin cancels request → Use case ends.4a. System fails to generate report →

Error message shown.

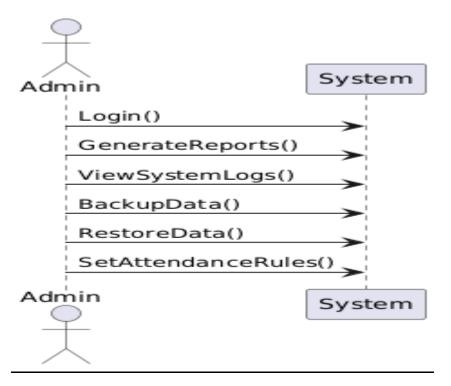
<u>Special</u> Reports must be downloadable as PDF. Generation time should be under 5

Requirements seconds. Must be accessible only by Admins.

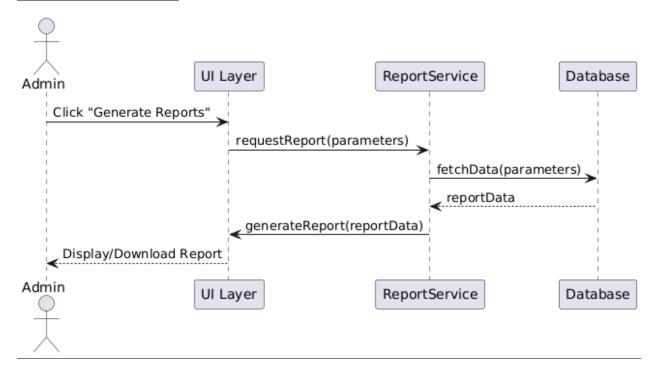
Package Diagram:



System Sequence Diagram:



Sequence Diagram Code:



Class Diagram:

