# Report 2: System Analysis & Architectural Design Report (Design Phase)

## System Overview

* Briefly describe the purpose and functionality of the system.
* Mention the intended users and target platform.

## UML Diagrams

Include relevant UML diagrams:

* Use Case Diagram
* Class Diagram
* Sequence Diagram

Describe each diagram briefly. *Generate diagrams with AI (Tutorial in file “Guide to Generating Diagrams with AI”).*

## Database Design

* Present Entity-Relationship Diagram (ERD).
* Include database schema and table descriptions.

## User Interface (UI) Mockups

* Attach mockups for key screens.
* Describe the design rationale and user flow.

## CI/CD Planning

* Outline planned CI/CD tools and pipelines.
* Describe integration approach with version control and deployment process.

## Team Contributions

* Outline which parts of the design were handled by each team member.