# Release Plan

1. Release 0 (Week 5) – Project Setup

In Week 5, we started off the project by forming our team and setting up the GitHub repository. We drafted the project requirements and outlined key user stories to help us plan development. We also wrote a basic README to introduce the project structure and goals.

**Included Features:**

* Team formation
* GitHub repository setup
* Draft of project requirements
* Initial user stories
* Initial README file

## 2. Release 1 (Week 7) – Design Phase

During Week 7, we focused on the planning and design work. We created low- and medium-fidelity wireframes to map out the user interface. We also worked on the class diagram (covering Model, DAO, and Controller) and finalized a set of user stories with proper formatting and priorities.

**Included Features:**

* UI wireframes (low & medium fidelity)
* Class diagram (Model, DAO, Controller)
* Finalized user stories (10+ per member)

## 3. Release 2 (Week 9) – First Working Prototype

Week 9 was about building a working prototype. We implemented login and signup functionality with JavaFX, connected it to a local database, and wrote unit tests for validation. The team also prepared and recorded a 1-minute demo video showing the basic flow of the application.

**Included Features:**

* JavaFX login/signup UI
* Database connection and data handling
* Unit tests for login & DB
* Demo video (1-minute)
* Submission files & documentation

## 4. Release 3 (Week 11) – Advanced Features & CI Integration

In Week 11, we started integrating advanced features. This included setting up CI/CD with GitHub Actions, fixing edge cases in the login flow, and connecting the AI API for automatic quiz generation. We also worked on polishing the GUI and refactored some key parts of the codebase.

**Included Features:**

* GitHub Actions setup (CI workflow)
* Fixed login edge cases (e.g. unregistered users)
* Integrated AI quiz generation
* Implemented QuizController and final GUI
* Refactored DAO structure

## 5. Release 4 (Week 13) – Final Delivery

In the final week, we focused on completing and polishing all remaining features. We ensured that all core functionalities were stable, including user authentication, quiz management, and role-based views. We also finalized the AI chatbot integration, generated full documentation (including Javadoc), and made sure CI/CD workflows were running smoothly. Finally, we prepared all required submission materials, including the video walkthrough and full GitHub archive.

**Included Features:**

* Completed all must-have features
* Finalized AI chatbot integration
* Fully working student/teacher UI
* Javadoc documentation generated
* CI/CD confirmed via GitHub Actions
* Final demo video and submission package