

FlashCard System – Product Backlog

Epic 1 — User Management (Authentication & Roles)

Login/Register with Google (Google API)

As a user, I want to log in using Google so that I can access faster without creating a new password.

Epic 2 — Flashcard Management (Student)

Create flashcard

As a student, I want to create flashcards (term + definition) so that I can study effectively.

Edit flashcard

As a student, I want to edit my flashcards so that I can fix incorrect or outdated information.

Delete flashcard

As a student, I want to delete flashcards that I no longer need so that my collection remains organized.

Epic 3 — Teacher Features

Upload flashcard set

As a teacher, I want to upload sets of flashcards so that I can provide study materials for my students easily.

Edit uploaded set

As a teacher, I want to edit uploaded sets so that I can correct mistakes before students study.

Delete uploaded set

As a teacher, I want to delete flashcard sets I no longer use.

Epic 5 — Classroom Management (Teacher + Student)

Create classroom

As a teacher, I want to create classrooms (groups of students) so that I can organize students and assign materials efficiently.

Add/Remove students in classroom

As a teacher, I want to manage students in my classroom so that I can control access and membership.

Assign flashcard set to classroom

As a teacher, I want to assign specific flashcard sets to a classroom so that my students can

Student view classrooms

As a student, I want to view the list of all the classrooms I am part of so that I can easily navigate among my classes.

Student view assigned sets

As a student, I want to see the detailed information of a class with all assigned flashcard sets included so that I can manage my resources in this class.

Epic 6 — Study & Review Features**Study session (flip cards)**

As a student, I want to review my flashcards by flipping through them so that I can memorize the information.

Quiz mode

As a student, I want to test myself using quizzes generated from my flashcards so that I can assess my knowledge.

Epic 7 — Progress Tracking & Statistics**Track personal progress**

As a student, I want to track my progress on each flashcard set so that I can understand what I

View statistics (student)

As a student, I want to view statistics such as accuracy and completion rates so that I know which areas need improvement.

Track student progress (teacher)

As a teacher, I want to track student progress in each classroom so that I understand engagement and learning outcomes.

View classroom statistics (teacher)

As a teacher, I want to view classroom-level statistics so that I can improve learning materials.