

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As a student, I want to edit my flashcards so that I can fix incorrect or outdated information.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