

# Release Summary

Product Name: MoCode

Team Name: MoCoders

Release Date: March 12, 2024

## Key User Stories

- 1.1: As a first-time user, I want to access an app where I can see a list of recommended LeetCode questions, so I can quickly start practicing without any confusion.
  - Acceptance criteria:
    - Questions will be populated once the user logs in and has questions that is recommended to the user
- 1.2: As a returning user, I need the ability to view my previously attempted questions and receive new recommendations, so I can continue my practice seamlessly.
  - Acceptance criteria:
    - When the user goes into the profile section, the recommended questions that the user has attempted should be populated
- 1.3: As a user, I want an app that is easy to access with a user-friendly interface.
  - Acceptance Criteria
    - App's interface is user-friendly and easy to navigate for a new user
- 2.1: As a returning user, I want to have access to questions that are recommended to me based on my progress on past questions.
  - Acceptance criteria:
    - The user should be able to see questions that relate more to the questions that were answered before.
    - If the recommend button is pressed, recommended questions should pop up
- 3.3: As a user, I would like to see my progress and statistics in order to check improvement over time.
  - Acceptance criteria:
    - When the user goes to the profile section, the user should be able to look into how long a specific question took and when it was attempted.
    - Users have the ability to filter questions and see different situations such as difficulty, time completed, and more.

## Known Problems

- Some problems with Responsive Design on some screen sizes
- Backend API
  - Queries to Leetcode (GraphQL)
    - Recently failed from their end
- Hard to do Firebase Testing

# Product Backlog

## A. Core Features

- Spaced Repetition Algorithm
- Tracking of Progress relating to Leetcode Questions

## B. User Interface and Experience

- Responsive Web Design
- Tools Focusing on Progress
  - i. Calendar
  - ii. Question History
  - iii. Timer

## C. Performance and Security

- Load Testing