

# Release Plan

Document Name: Release Plan

Product Name: Blackboard

Release Name: Blackboard - Tutor Scheduling

Release Date: Apr 21, 2024

Revision Number: 1

Revision Date: Apr 9, 2024

## High Level Goals

- Launch a functional MVP of the Blackboard app with core features for both students and teachers.
- Enable students to view their schedule in a calendar view, find classes based on filters, and manage their profiles.
- Allow teachers to add classes, view their upcoming teaching schedule in a calendar view, and manage their profiles.

## User Stories Defining the Scope of the Release

### Sprint 1 (April 8 - April 21)

- Medium User Story 1.1 [2 Point]: As a developer, I want to finalize a design for a thorough while also simple database for both Student and Teacher profiles.
- Medium User Story 1.2 [2 Point]: As a developer, I want to finalize a design for a thorough while also simple database for the Events (classes for students/teachers).
- High User Story 1.3 [8 points]: As a developer, I want to start working on the Login Page using Swift so we can connect account creation to the database.
- Small User Story 1.4 [1 point]: As a developer, I want to finalize some designs for the UI so our team has a good idea of what the app should look like. (VERY SIMPLE)
- Medium User Story 1.5 [5 points]: As a team, We want everyone to familiarize themselves with Swift better so that we can start working on the storyboards. (a lot of the storyboards can be reused so maybe we want to create a universal page that can be added to)

### Sprint 2 (April 22 - May 5)

- High User Story 2.1 [5 Points]: As a student, I want to see a calendar with my classes so that I can easily view my schedule.

- High User Story 2.2 [8 Points]: As a teacher, I want to add new classes so that students can enroll in them.
- Medium User Story 2.3 [3 Points]: As a student, I want to view class details (name, location, time, teacher) by selecting a date so that I can plan my day.
- Medium User Story 2.4 [2 Points]: As a student, I want a profile page listing my username, email, and class history for personal tracking.
- Medium User Story 2.5 [2 points]: As a teacher, I want a profile page listing my username, email, and class history for personal tracking.
- High User Story 2.6 [5 Points]: As a student, I want to filter classes by type, location, subject, grade level so I can find classes that suit me.

### Sprint 3 (May 6 - May 19)

- EPIC 1 (May 6 - May 12)
  - High User Story 3.1 [8 Points]: As a developer I want to reevaluate our database and consider any adjustments if needed. I also want to start testing this by populating the database with fake profiles so we can test thoroughly.
  - Medium User Story 3.2 [4 Points]: As a student, I want to join a class through the app so that I can expand my learning.
  - Low User Story 3.3 [2 Points]: As a teacher, I want my class additions to automatically populate my calendar so I can track my teaching schedule.
- EPIC 2 (May 13 - May 19)
  - High User Story 3.4 [7 Points]: As a student, I want to see dots under dates with classes on the calendar for a quick overview of my busy days.
  - Medium User Story 3.5 [3 Points]: As a student, if I select a date without classes, I want to see a message saying "You don't have a class on <date>" for clarity.
  - Low User Story 3.6 [2 Points]: As a teacher, I want to view a list of students enrolled in my classes for better preparation.

### Sprint 4 (May 20 - June 2)

- Medium User Story 4.1 [4 Points]: As a user, I want a responsive and intuitive UI so that I can navigate the app with ease.
- Low User Story 4.2 [1 Point]: As a developer, I want to conduct usability testing with potential users to refine the UI/UX.

## Sanity Check

- The plan is ambitious but achievable, given our team's familiarity with Swift and Firebase.

- User stories are distributed to ensure a mix of high, medium, and low priority tasks each sprint, allowing for continuous progress and room for adjustments.

## Product Backlog

- User Story: As a student, I want to receive notifications for upcoming classes to ensure I don't forget them.
- User Story: As a teacher, I want to edit or cancel classes to adjust to changing schedules.