

Blackboard Sprint 4 Plan

- Sprint completion date: June 4th, 2024
- revision #3
- revision date: June 3rd, 2024

Goal: For this sprint, we want to polish our UI, implement a feature to open and close classes, and deploy our app to the App Store.

User Stories and Tasks:

User story 1: “As a student / teacher, I want to be able to download the app off the App Store” [13]

- Create Apple developer account (3)
 - Acceptance Criteria:
 - Create and verify an Apple developer account
 - Provide and confirm necessary account details
 - Accept all required agreements
- Publish app on the App Store (10)
 - Acceptance Criteria:
 - Build and compile project using Xcode
 - Ensure all App Store guidelines are met
 - Submit all requirements for review and testing
 - Address any required changes or feedback for approval
 - Be published and ready to download on the official App Store

Total for user story 1: 13 hours

User story 2: “As a student, I want a responsive and intuitive UI so that I can navigate the app with ease.” [13]

- Make login/signup screen input fields legible (1)
 - Acceptance Criteria:
 - Input fields are easily readable
 - Harmonious font size, color, and contrast with the background
- Fix button layout and positioning (2)
 - Acceptance Criteria:
 - Buttons are optimally positioned and placed
 - Buttons work and scale for multiple screen types
- Standard time conversion from military time (1)
 - Acceptance Criteria:
 - Times are displayed in AM/PM time, not military time
- Fix keyboard from pushing up screen when writing a review (2)

- Acceptance Criteria:
 - Ensure that the screen is visible without shifting upwards and that the keyboard does not block any important elements
- Require star rating for reviews (1)
 - Acceptance Criteria:
 - Reviews cannot be submitted without a star rating selected
 - Notify or not allow the user to submit a review if a star rating is not selected
- Update class list to only show options not passed (2)
 - Acceptance Criteria:
 - Class list is modified to only show options for classes that aren't passed
 - Class list updated dynamically to his/her changes
- Implement opening screen with animations (5)
 - Acceptance Criteria:
 - Opening screen is created with smooth animations
 - Animations do not lag or worsen app efficiency or runtime
- Fix profile picture display and formatting (2)
 - Acceptance Criteria:
 - Profile pictures are properly displayed and formatted
 - Consistent layout for all devices
- Add message for dates with no classes (1)
 - Acceptance Criteria:
 - Message is added for dates with no classes schedule
 - Message is clear and concise
- Add modal for review system (2)
 - Acceptance Criteria:
 - Fully functioning modal for submitting reviews
 - Modal has intuitive UI and confirms when a review is submitted

Total for user story 2: 19 hours

User story 3: “As a teacher, I want to be able to close a class once enough students sign up” [8]

- Add field to indicate open/closed classes in db (2)
 - Acceptance Criteria:
 - New field is introduced in firestore that indicates the status of classes as open or closed
 - The field can properly be set, updated, etc...
- Update class list to only show options not closed (2)
 - Acceptance Criteria:
 - Class list is modified to filter out classes marked as closed
 - Class list updates dynamically to class changes of open/closed status

- Add feature to close private classes when signed up for (2)
 - Acceptance Criteria:
 - Add functionality to automatically close private classes once a student signs up
 - Class status changes in the database and is reflected in the rest of the app
- Add feature for teachers to designate classes as open/closed (2)
 - Acceptance Criteria:
 - Teachers are given an options to manually open and close their classes
 - Teachers can toggle this options with a nice UI
 - Changes made by teachers are reflected in the database and the rest of the app

Total for user story 3: 8 hours

Team roles:

Matthew Wang-Mizuno: Scrum Master/Developer

Brian Bae: Developer

Ali Taquie: Developer

Bruce Bai: Developer

Brian Huang: Product Owner, Developer

Initial task assignment:

Ali Taquie: User story 1, tasks: all, User story 2, tasks: 1, 2, 3, 4, 10

Brian Bae: User story 1, tasks: all, User story 2, tasks: 2, 5

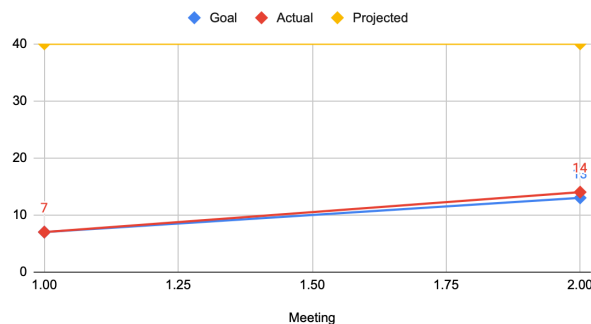
Bruce Bai: User story 1, tasks: all, User story 2, tasks: 7, 8, User story 3, tasks: 4

Brian Huang: User story 1, tasks: all, User story 2, tasks: 2, 7

Matthew Wang-Mizuno: User story 2, tasks: 6, 9, User story 3, tasks: 1, 2, 3

Initial burnup chart: A graph giving the initial burnup chart for this sprint and is labeled as such with sprint number and project name and is located in the lab.

Sprint 4 Burnup Chart



Initial scrum board:

Sprint 4 Task Cards

Scrum times:

Daily scrum meetings are going to be on Monday, Tuesday and Friday.

Monday at 9:15am at SNE

Tuesday at 1pm with Michelle Quach

Friday at 9:15am at SNE

*Will adjust based on schedules. We always meet more than 3 times a week anyway.