Sprint 1 Plan

Product name: SmartShift

Team name: None / Same as Product Name

Sprint Completion date: Tuesday, April 25, 2023

Revision number: 1.0

Revision date: 4/18

Scrum Master: Liza Sokolova

Goal: Learn React Native + Firebase (Prof recommended), set up the development environment, and develop the basic functionality of the app.

Spikes & Resources

- ❖ Learn React Native + Firebase

  - ➢ Prof Recommended [Resources](#)

  - ➢ O'Reilly [library](#) (also prof recommended)

  - ➢ https://reactnative.dev/ (React Native)

  - ➢

  - ➢ Other Reacts:

    - ■ https://reactnavigation.org/

    - ■ Official React.dev [website](#)

    - ■ https://react.dev/learn/installation (React Installation)

Task Listing, organized by user story

User Story 1.0: As a student who needs help managing time, I want a pomodoro timer to keep me on track and give me break times. (2 story points)

1. Task 1.1: Build a timer (2 hours)

    a. Backend timer

2. Task 1.2: Build a basic UI for user - timer interface (2 hours)

    a. Frontend timer

    b. See timer visual representation

    c. Click on

3. Task 1.3: Set the pomodoro timer (25 minutes working, 5 minutes break) (1 hour)

    a. Create the default pomodoro timer.

    b. Immediately moves to break timer after pomodoro work timer is done.

Total for user story 1.0: 5 hours

User Story 2.0: As a student who sometimes wants to keep working through a break time, I want the option to customize my pomodoro timer or skip past break times to keep working on a task. (2 story points)

1. Task 2.1: Make a section that allow users to customize the pomodoro timer (2 hours)

2. Task 2.2: Create button allowing user to skip the break time (2 hours)

    a. Skip means skip forward to start of next work period (skipping over the break time)

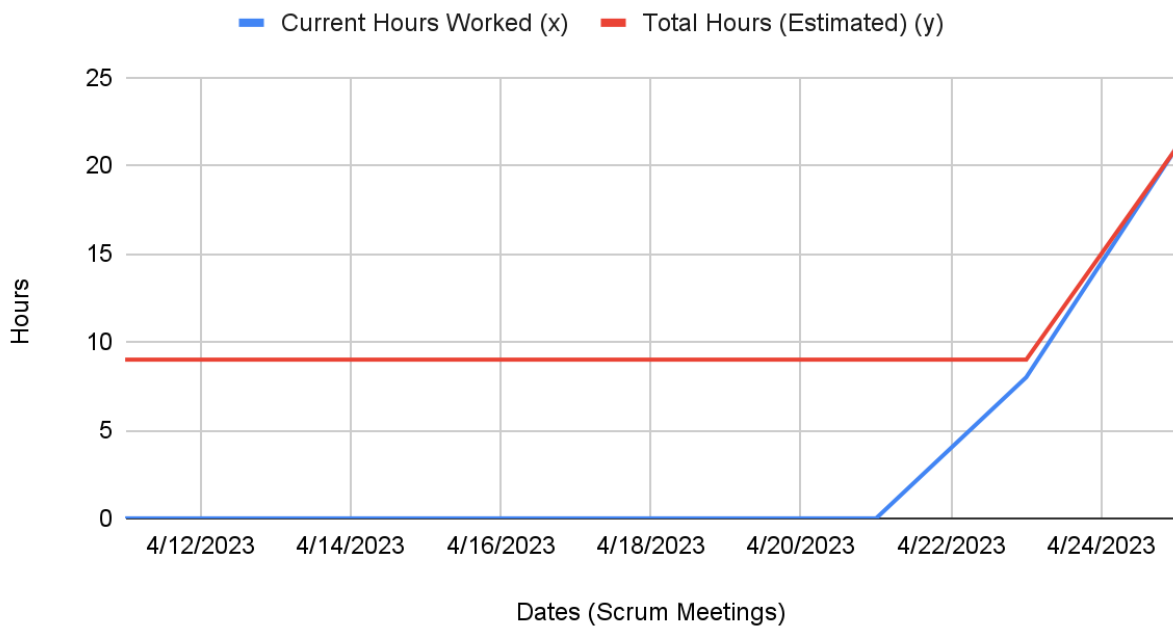Total for user story 2.0: 4 hours

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Team Roles

- Clarence: Product Owner,

- Liza: Scrum Master,

- Annie: Team Member,

- Skyler: Team Member,

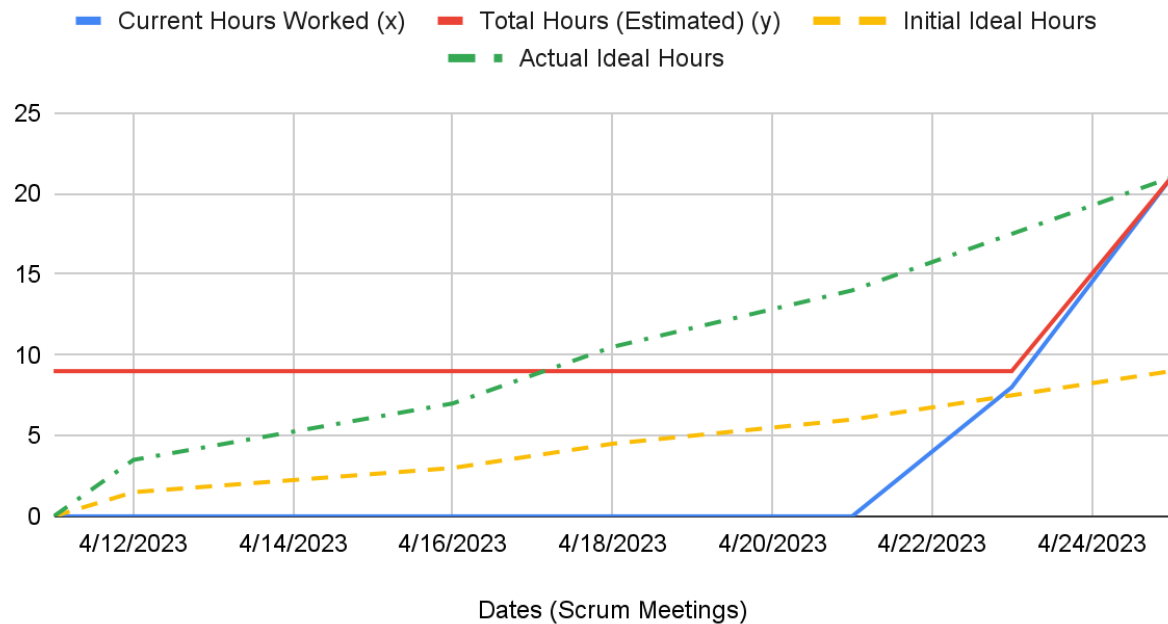- Christie: Team Member,

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<u>Initial Burnup Chart</u>

- Graph: (total hours (y-axis) vs. hours actually done so far (as of _ scrum meeting) (x-axis))

https://docs.google.com/spreadsheets/d/1xr4Ikr26C6he6j34R8liVoPQi-lX0mEnmrx0M56HKig/edit#gid=0

Burnup Chart (Sprint 1)

— Current Hours Worked (x)   — Total Hours (Estimated) (y)

Hours (y-axis), from 0 to 25

Dates (Scrum Meetings): 4/12/2023, 4/14/2023, 4/16/2023, 4/18/2023, 4/20/2023, 4/22/2023, 4/24/2023

Burnup Chart (Sprint 1)

Legend:
- Current Hours Worked (x)
- Total Hours (Estimated) (y)
- Initial Ideal Hours
- Actual Ideal Hours

X-axis: Dates (Scrum Meetings) — 4/12/2023, 4/14/2023, 4/16/2023, 4/18/2023, 4/20/2023, 4/22/2023, 4/24/2023

Y-axis: 0, 5, 10, 15, 20, 25

Initial Scrum Board

Titled user stories	Tasks not started	Tasks in progress	Tasks completed
1.0			Task 1.1 (Christie) (2 h) Task 1.2 (Clarence) (6 h) Task 1.3 (Skyler) (5 h)
2.0			Task 2.1 (Liza) (6 h) Task 2.2 (Annie) (2 h)

Goal for 4/18/2023: Everyone needs to start setting up a development environment. Working together during that day's meeting if you haven't managed it yet.

Scrum Times

Even if online you need to have cameras on.

- ★ Tuesday 7:30 pm (In person)

- ★ TA: Thursday 1:50 pm - 2:35 pm (zoom link currently)

- ★ Friday 7:30 pm - Online - Discord

- ★ Sunday 3:00 pm - Online - Discord