

Sprint 3 Plan

Memori

Sprint Overview

Sprint Goal

The main goal of this sprint is to tie up all the loose ends from last sprint and reevaluate how practical it is to create a finished hardware product.

Duration

Start Date: 2/12/26

End Date: 2/26/26

Sprint Length: 2 weeks

Sprint Tasks

High Priority Items

1. **User Story 2.1 {OVERFLOW}** - As an application user, I want to be able to connect to my Memori device using bluetooth from a mobile device.
 - Estimated Points: 3
 - Tasks
 - Verify that btleplug works on ios (1 Hour) (Preston)
 - Total Time: 3 Hours
2. **User Story 3.1** As a user, I want to be able to choose the widgets that are displayed on my device.
 - Estimated Points: 8
 - Tasks
 - Create widget selection screen on the app's frontend (5 Hours) (Kenric)
 - Implement send state button which sends the selected widgets to the device (2 Hours) (Kenric)
 - Total Time: 3 Hours
1. **User Story 2.4 {OVERFLOW}** - As an efficiency seeking user, I want to be able to display multiple widgets on my device at once.
 - Estimated Points: 13
 - Tasks
 - Implement visuals for different widgets on the app (5 Hours) (Kenric)
 - per widget configuration
 - Implement ui to configure different widgets in different layouts (5 hours) (Kenric)
 - layout configuration
 - Total Time: 10 Hours

Medium Priority Items

1. **User Story 3.3** - As a user, I want my widgets to display accurate updated information.
 - Estimated Points: 8

- Tasks
 - Move host request handler to be channel based. (expose state to host-ble command handling) (2 hours) (Preston)
 - Implement update function for each widget and put that in the app (2 hours) (Preston)
 - Total Time: 4 Hours
2. **User Story 2.2 {OVERFLOW}** - As a developer, I would want to see my github statistics on the Memori device.
- Estimated Points: 5
 - Tasks
 - github widget data logic (3 hour) (Cainan)
 - Total Time: 3 Hours
3. **User Story 2.3 {OVERFLOW}** - As a student, I would want to see SCMETRO bus information on my device
- Estimated Points: 1
 - Tasks
 - merge finished code (1 hour) (Julian)
 - Total Time: 1 Hours

Low Priority Items

1. **User Story 3.2** - As a device owner, I want my device to be portable.
- Estimated Points: 34
 - Tasks
 - Decide on what battery to get (2 hours) (Surendra, Preston)
 - Design a PCB to utilize the battery (10 hours) (Surendra)
 - Print and assemble PCB (8 hours) (Cainan)
 - Total Time: 20 Hours

Team

Team Member	Roles
Surendra Jammishetti	Developer, Project Lead
Kenric Tee	App Developer
Preston Clayton	Scrum Master, Hardware Developer
Cainan Enneking	Device UI Developer
Julian Montano	Device UI Developer

Scrum Board

We are using github projects for our scrum board, which can be viewed [here](#)

Scrum Times

Scrum Meetings: Sunday 10-10:30am, Monday 1:15-2pm, Wednesday 1-2pm, Friday 2-2:30pm

TA meetings: Monday 1:15 - 2pm