

# 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