

# Sprint 1 Plan

## Memori

### Sprint Overview

#### Sprint Goal

Our goals for this sprint are to set up a development environment on everyones machines, as well as making a simulator for the device as not everyone has a board and display. We also plan to make a Proof-of-Concept of being able to connect to the device over bluetooth and update what its displaying on its screen through a simple app.

#### Duration

**Start Date:** 1/14/26

**End Date:** 1/27/26

**Sprint Length:** 2 weeks

### Sprint Tasks

#### High Priority Items

1. **User Story 1.1** - As a application user, I want to be able to connect to my Memori device using bluetooth via simulator / desktop.
  - Estimated Points: 21
  - Tasks
    - Set up Bluetooth on device (2 Hours)
    - Set up a host application with BL support from desktop (3 Hours)
    - Write code to connect host application to device over bluetooth (2 Hours)
  - Total Time: 7 Hours
  - Assigned To: Preston
2. **User Story 1.2** - As a user, I want a clear and intuitive interface to interact with the Memori device through my phone.
  - Estimated Points: 8
  - Tasks
    - Set up basic Tauri Application (1 hour)
    - Add basic ui elements (1 hour)
    - Write transport layer to facilitate communication between app and device (12 Hours)
    - Hookup a transport layer to the backend (1 hour)
  - Total Time: 15 Hours
  - Assigned To: Kenric, Surendra, Preston

## Medium Priority Items

1. **User Story 1.3** - As a device owner, I want to be able to display simple widgets, such as time or weather on my Memori device.
  - Estimated Points: 8
  - Tasks
    - Familiarize with Ratatui library (2 hours)
    - Write a Weather widget (3 hours)
    - Write a Time widget (1 hour)
  - Total Time: 6 Hours
  - Assigned To: Cainan, Julian

## Low Priority Items

1. **User Story 2.4** - As a user, I want to have a dark mode for the display.
  - Estimated Points: 5
  - Tasks
    - Make the display dark. (0.5 Hours)
  - Total Time: 0.5 Hours
  - Assigned To: Surendra

## Team

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