

Sprint 1 Plan

Memori

Sprint Overview

Sprint Goal

Our goals for this sprint are to set up a development environment on everyone's 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 it's 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