

Project Status Report I

Date of Report Issue/Prepared: 08/02/2026

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Project Name:	SipSip – Plant Care Mobile App		
Project Team #:	13		
Period Reporting:	Start Date: 12/01/2025	End Date: 08/02/2026	
Overall Project Health	<u>Green (Good)</u>		

Summary

Project Status Summary
The team made significant progress on both the user interface and the foundational structure of the SipSip mobile application. Following the completion of Sprint 4, we incorporated several new UI enhancements, including the redesigned top action bar with an integrated search function, an updated dashboard filter system, improvements to the Plant Collections layout, and an enhanced notification interface with timestamped sorting. In addition to these UI advancements, we continued building the core structure of the application, establishing the initial navigation flow, base screen templates, and fundamental components required for upcoming feature integration. The team also created the official GitHub repository for SipSip, enabling version control, collaborative development, and long-term project maintainability.

Overall, this period focused on strengthening both the visual experience and backend framework of the application to support future development milestones.

Completed UI Enhancements

- Implemented an expandable **search bar** within the top action bar for fast plant and task lookup.
- Added a **dashboard filter bar** with Today, Upcoming, and care-type icons (watering, repotting, etc.).
- Reorganized **Plant Collections** with:
 - Identify Plant and Create Plant buttons moved to bottom corners
 - Icon-only UI to reduce clutter
 - Expandable/collapsible rooms
 - Contextual menus for rooms and individual plants
- Updated **Notifications** to include:
 - Filters (All, Today, Completed)
 - Exact timestamp labels
 - Cleaned, modernized layout

Accomplishments As Planned	Planned but not Accomplished
Completed general UI polishing for primary screens.	Implementation of Top Action Bar Search (expandable search input field).
Updated navigation structure and maintained existing feature functionality.	Addition of Dashboard Filter Bar (Today, Upcoming, watering, repotting, etc.).

Ensured core app screens remain responsive across devices.	Reorganized Plant Collections layout (bottom-corner action icons, icon-only buttons, transparent backgrounds).
Continued backend progress with plant data and reminders.	Expandable/Collapsible Rooms and contextual menus for rooms and plants.
	Updated Notifications UI with filters (All, Today, Completed) and timestamp formatting.

Upcoming Objectives for: Feb 8, 2026 to Feb 22, 2026

Planned Activities/Tasks for Next Period			
Activity/Task	Assigned To	Duration	Date
Finalize implementation of Top Action Bar Search (expandable input)	Aidan Repchik	1 week	Feb 8–Feb 15
Complete Dashboard Filter Bar logic & UI alignment (Today, Upcoming, care-type icons)	Uzma Shaikh	1 week	Feb 8–Feb 15
Implement final behavior for collapsible/expandable rooms in Plant Collections	Uzma Shaikh	4–5 days	Feb 10–Feb 15

Complete contextual menus for rooms & individual plants	Aidan Repchik	3–4 days	Feb 12–Feb 18
Finalize Notification filtering logic (All, Today, Completed) & timestamp formatting	Aidan Repchik	1 week	Feb 8–Feb 15
UI polish pass for spacing, icon visibility, and accessibility adjustments	Uzma Shaikh	1 week	Feb 15–Feb 22
Update User Manual sections to reflect new UI changes	Jayden Lewis	3 days	Feb 19–Feb 22

	Milestones for Next Period	
Milestone (Objective)	Assigned To	Delivery Date
Completion of full UI Enhancement Package (search bar, filter bar, plant collection updates, notifications UI)	Uzma Shaikh	Feb 22, 2026
Updated User Manual draft including new UI screenshots	Jayden Lewis	Feb 22, 2026
Functional testing of new UI interactions (search, filters, room	Uzma Shaikh & Aidan Repchik	Feb 20, 2026

expansion, notifications)		
UI approval checkpoint with instructor (Sprint 5)	Entire Team	Feb 22, 2026

Managing Issues and Risk

Issues/Problems	Resolution Strategy	Due Date
Inconsistent rendering of new UI elements (search bar, filter bar, collapsible rooms) across different screen sizes	Conduct responsive testing on multiple emulators and adjust constraints/margins for small and large devices	Feb 20, 2026
Search bar expansion causes layout shifting on some screens	Refine ConstraintLayout rules and test with keyboard variations; adjust top bar padding	Feb 18, 2026
Notification timestamps not displaying consistently across devices	Standardize date-time formatting and validate with system locale checks	Feb 17, 2026
Some Plant Collection icons overlap when rooms are expanded	Optimize RecyclerView item spacing and apply adaptive grid layout rules	Feb 19, 2026

Contextual menus occasionally clip off-screen on smaller devices	Add adaptive positioning and ensure menus anchor correctly to view bounds	Feb 21, 2026
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Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
UI elements appear differently on various screen sizes	Medium	Medium	Multi-device testing + responsive layout adjustments
Search or filtering may slow down app performance	Medium	Low	Optimize Room queries + run performance profiling
Users may find new filter bar overwhelming	Low	Low	Keep icons simple; ensure tooltips and labels are intuitive