# Magic Broom Cleaning-Service App

## Sprint 2 Report

Revision Date: 02/15/2025

### Actions to Stop

- N/A

### Actions to Start

- Prioritizing UI improvements for the profile page and plan tab.  
- Implementing real-time notifications for request status updates.

### Actions to Continue

- Continue optimizing Firestore queries to enhance performance.  
- Maintain real-time updates for requests and profile changes.  
- Enhance UI/UX for better navigation and usability.

### Completed Work

#### Request Feature Implementation

*User Story: As a user, I want to submit a cleaning service request so that I can get my home cleaned at my convenience.*

- Users can now submit service requests for cleaning services.

- Backend processing allows request storage and retrieval in Firestore.

- Implemented validation to ensure requests contain necessary details (location, date, time, notes).

- Users receive confirmation messages after submitting a request.

#### Accept and Delete Requests Functionality

*User Story: As a user, I want to manage my cleaning service requests so that I can accept or cancel them easily.*

- Users can view their pending requests and accept or delete them as needed.

- Implemented real-time updates so that request statuses change dynamically.

- Backend API supports request deletion, ensuring seamless data removal.

- Improved UI to display request status clearly, allowing easy decision-making.

#### Profile Page Setup

*User Story: As a user, I want to manage my profile so that I can update my information easily.*

- Users can now access their profile page for account management.

- Profile page includes user details, profile picture upload, and update options.

- Firebase Authentication integrated for user session persistence.

- Future work includes enhancing user information fields for a more detailed profile experience.

#### Plan Tab for Request Management

*User Story: As a user, I want to manage my cleaning requests from a dedicated section so that I can keep track of them easily.*

- Created a dedicated Plan Tab where users can manage their requests.

- Users can accept, reject, or delete requests from this tab.

- Integrated a refresh feature to update request lists dynamically.

- Improved UI consistency for better navigation and usability.

### Incomplete Work

- Enhancements to profile page fields and settings.

- Implementation of notification system for request status updates.

- Integration of a cleaner-side order management system.

- Development of ratings & reviews for service providers.

- Performance optimization to reduce request handling delays.

### Infrastructure

- Improved Firestore query optimization to reduce database load times.

### Final Burnup Chart

\*(Chart to be included here.)\*