SOEN390 - Software Engineering Team Design Project
Team 6 - Deliverable 3

Release Plan for Sprint 1, 2, 3 & 4

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1. Sprint 1 Release Plan

In Sprint 1, we expected to accomplish all tasks regarding setting up the technology for our web application, Public User and Company login and sign-up, Viewing user profile information, Editing user profile information, and being able to navigate through the pages of the web application.

We've made significant progress towards our deployment goals. Currently, our web application is successfully deployed on a remote server, providing accessibility and scalability. Throughout this sprint, we focused on refining our deployment strategy to ensure seamless integration with cloud services or devices in the future. While API calls are currently directed to localhost, a temporary measure for development purposes, our plan includes dynamically redirecting these calls to the appropriate location for hosted deployment, ensuring full functionality of the web application. Leveraging Docker technology, we've containerized our website and implemented Docker Image CI for continuous integration, streamlining the deployment process. This CI system, triggered by pull requests, automatically builds and deploys both frontend and backend components remotely, adhering to their respective Dockerfile specifications. Additionally, we've established two independent environments; dev and prod, each housed within its own virtual container, facilitating efficient testing and deployment workflows. With these foundations laid in Sprint 1, we are well-positioned to seamlessly transition to cloud services or devices in subsequent phases of development.

User Story ID	User Story Points (USP)	Priority	Status
US-01	5	High	DONE
US-02	5	High	DONE
US-03	3	Medium	DONE
US-07	2	Medium	DONE
US-09	5	High	DONE
US-08	5	High	DONE
US-36	2	High	DONE
US-10	3	High	DONE
US-11	1	Medium	DONE
Total USP	31		

Table 1: Sprint 1 Release Plan

2. Sprint 2 Release Plan

In Sprint 2 we are prioritizing the implementation of the registration key system. We also expect to finish all tasks regarding condo management companies being able to create properties along with uploading files. We also plan to accomplish any leftover tasks relating to the authentication system (adding a forget password option and reset password option).

Our condo management system achieved significant enhancements by incorporating a dashboard for owners with comprehensive property and financial data, a facility to delete outdated property listings, and detailed profiles for individual condos. Owners can now submit various requests to management, while employees have a system to view and manage these requests efficiently. A new notifications page keeps all users informed of request statuses and updates. The system's flexibility has been bolstered by the addition of role-specific access for employees and the ability to delete former employee profiles, streamlining operations and security for the management company.

User Story ID	User Story Points (USP)	Priority	Status
US-04	2	Low	DONE
US-05	2	Low	DONE
US-012	2	Low	DONE
US-013	2	Low	DONE
US-015	2	High	DONE
US-014	2	High	DONE
US-016	3	High	DONE
US-018	3	High	DONE
US-019	2	High	DONE
Total USP	20		

Table 2: Sprint 2 Release Plan

3. Sprint 3 Release Plan

In Sprint 3, we aim to complete key features for both condo owners and management. This includes developing a property management dashboard, enabling request submissions, and providing detailed condo profiles for owners. Management tasks involve setting up roles for staff, deleting properties, and managing employee profiles. A notification page will also be implemented to keep all users updated. The sprint's effort is estimated at 35 user story points, indicating the anticipated workload for the team.

User Story ID	User Story Points (USP)	Priority	Status
US-017	8	High	DONE
US-023	5	Medium	DONE
US-024	3	High	DONE
US-025	3	High	DONE
US-038	5	High	DONE
US-039	4	Low	PUSHED TO SPRINT 4
US-053	5	Medium	DONE
US-054	2	Medium	DONE
Total USP	35		

Table 3: Sprint 3 Release Plan

4. Sprint 4 Release Plan

In Sprint 4, we aim to prioritize the implementation of both the Reservation and Financial systems. We will implement the key features for condo owners and company management regarding these systems. Reservation system includes tasks for set up, reservation, disabling, modifying and cancelling all in regards to common facilities. Financial system includes tasks such as entering and calculating condo fees and operations cost, and generating annual financial reports. We also plan on completing tasks that have been pushed from the previous sprint such as terminating employees.

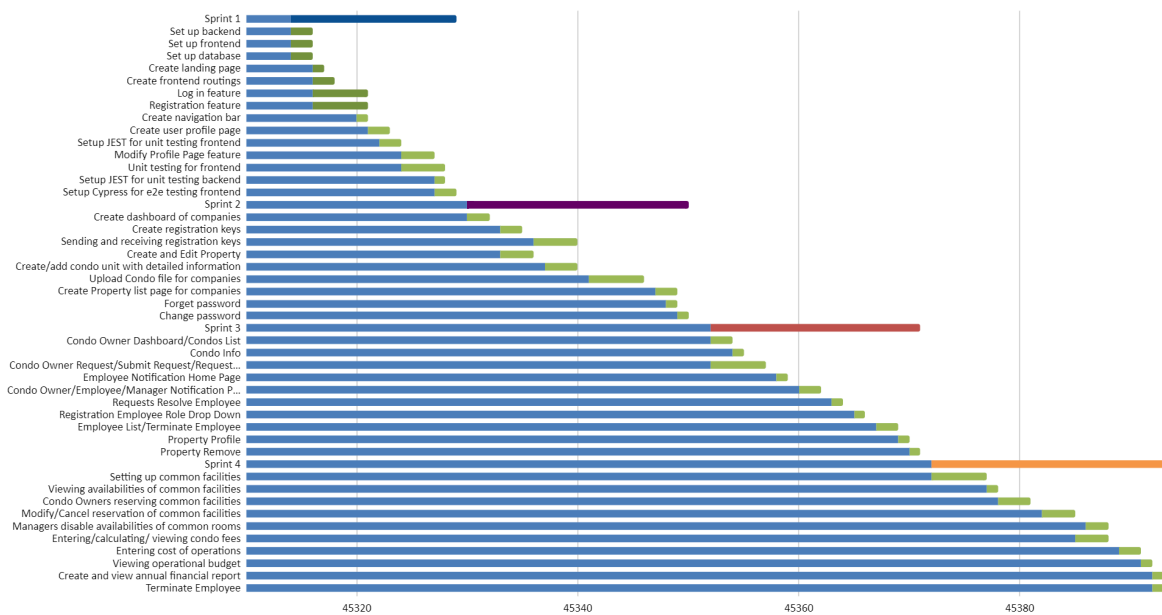| User Story ID	User Story Points (USP)	Priority	Status
US-026	3	High	TODO
US-027	5	High	TODO
US-028	2	High	TODO
US-029	3	Medium	TODO
US-030	5	Medium	TODO
US-031	2	High	TODO
US-032	2	High	TODO
US-033	1	Low	TODO
US-034	3	Medium	TODO
US-035	3	Medium	TODO
US-039	5	Low	TODO
Total USP	34		

Table 4: Sprint 4 Release Plan

Figure 1:Project Plan Bar Chart