

Sprint 2 Plan

Date: Oct 11, 2024

Status: Completed ▾

Team Roles:

- Customer: Tito Chowdhury
- Product Owner: Sai Siva Rohith Tirumalasetti
- Scrum Master: Ankitha Prasad
- Developers: Govind Joshi Mahima Ganni

Customer Meeting Details: Every Friday @ 3PM CST on Zoom

Important Links

- Application Page: <https://planxt.herokuapp.com/>
- Github: <https://github.com/CSCE-606-Event360/Fall2024-PlaNXT>
- Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2721605>
- Slack: plantxcorp.slack.com

Sprint Goal

The goal of this sprint is to finalize on a 3D rendering solution. The customer is not settled on the existing solution and wants us to explore other options in case there is a better/easier solution available. In the MVP, he wants to see the chronology bar in the 3D preview and see the items appear and disappear based on their start and end times.

Sprint Backlog

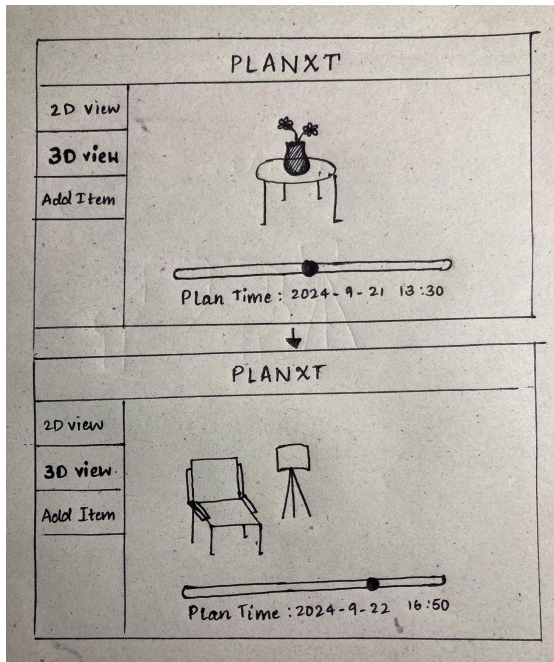
The following user stories were pulled into the sprint

- **Feature:** Explore and compare 3D Interior Design tools and pick a rendering solution
 - Points: 2
 - Assigned: Govind Joshi
 - Estimated Time: 3 days
 - Tasks:
 - Identify and list potential tools
 - Compare and evaluate the tools
- **Feature:** Chronology Bar in 3D Preview
 - User Story:
As an event manager who is a user of PlaNXT,
So that I can view the 3D preview of the venue at any given time,
I want to be able to scrub a chronology bar in the 3D preview of the floor plan (similar to the existing chronology bar in the 2D top view) and see the various items added in the 3D view at the appropriate times.
 - Points: 5

- Assigned: Govind Joshi
 - Estimated Time: 2 weeks
 - Tasks:
 - Add the timeline scrubber UI to the 3D preview
 - Synchronize the chronology bar with the data in 3D view
 - Perform unit tests to ensure the timeline accurately reflects changes in 3D preview
 - **Feature:** Reflect the changes of 3D in 2D top view
- User Story:
- As an event manager who is a user of PlaNXT,
 So that I can changes are consistent across all the views,
 I want to be able to make changes in the 3D view and see those changes reflected on the 2D top view page.
- Points: 5
 - Assigned: Mahima Ganni
 - Estimated Time: 2 weeks
 - Tasks:
 - Create event listeners that capture changes made in the 3D view and update the database
 - Add the elements to the 2D view using the updated database
 - Perform unit tests to ensure that the changes are reflected accurately

UI Mockups:

Chronology Bar in 3D Preview



Feature: Item status indicator depending on time

