

## Sprint 1 Plan

**Team roles:** Customer: Tito Chowdhury Product Owner: Alex Wise Scrum Master: Louis

Turrubiarres Developers: Amalesh Arivanan, Tiachen Huang, Tong Wu, Xin Tong

**Customer meeting date/time/place:** Every Tuesday at 7:30pm CST on Zoom

### **Summary:**

The wrapper, a web application, addresses a critical customer need for FashionNXT, a leading fashion show with a small team and budget constraints. The application integrates three specialized apps - CastNXT, EventNXT, and PlanNXT that help to streamline and automate talent management, guest management, and event floor plan planning. FashionNXT's challenges include managing a multi day fashion show with nearly 3000 attendees per event on a limited budget. CastNXT simplifies the casting process, consolidating talent recruitment, negotiation with producers, and communication with models into a single hub. EventNXT focuses on guest management, efficiently handling guest lists, RSVPs, and ticket distribution, with a unique emphasis on referral rewards. PlanNXT aids in chronological floor plan planning, ensuring a seamless setup and teardown of the event space. The wrapper's goal is to provide a unified solution, simplifying complex event planning processes and offering a consolidated hub for casting, guest management, and floorplan planning.

Stakeholders in this venture include the professor, teacher assistant, group members, and Tito Chowdhury, the CEO of FashionNXT. The success of the wrapper web application is paramount to the efficiency of FashionNXT's event planning. The application's unique features, such as consolidated login and analytics for owner control, align with the stakeholders' specific requirements. Drawing parallels to the Office360 experience, where a single login provides access to various tools, the wrapper web application aims to offer a solution for FashionNXT's event planning, fostering collaboration and efficiency. The stakeholders are deeply invested in the success of the application, ensuring it meets the distinct challenges and demands of organizing a multi day fashion show with limited resources.

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The progression of the three integrated apps, CastNXT, EventNXT, and PlanNXT, varies in terms of development and functionality. CastNXT, focused on talent management, is the most advanced and straightforward, nearing completion for a public release. It streamlines the casting process, allowing for model recruitment, negotiation, communication, and even payment within a single application. EventNXT, dedicated to guest management, has made significant progress but encountered a setback due to a stakeholder's request for the consolidated login. Despite this, the app is well positioned to meet the needs of the upcoming FashionNXT events, with features like RSVP management and referral rewards. PlanNXT, dealing with event floorplan planning, is still refining its 3D visualization tool but aims to be sophisticated enough for FashionNXT to utilize in the near future.

The wrapper web applications importance lies not only in its ability to meet the immediate needs of FashionNXT but also in its potential as a multi-user application. The front-end, which allows a single login for all three apps, is almost complete, offering a seamless experience for users. The back-end, with a focus on owner control and analytics, is being designed to ensure efficient management and prevent misuse, aligning with the stakeholders' concerns. Overall, the wrapper web-app stands as a comprehensive solution for FashionNXT's intricate event planning requirements, with the potential to expand its utility beyond the specific needs of the fashion show, benefiting a broader user base.

### **User stories:**

#### **User Story 1: Consolidated sign on system**

Feature: Progress Tracking

As a FashionNXT customer,

So that I can I don't have to sign into my account with each use

I want to sign in once and be signed in to the tree of apps.

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### **User Story 2: Increasing Sales**

Feature: App Deployment

As a FashionNXT CEO,

So that I can increase the sales

I want to implement a reward system for referrals for an event

### **User Story 3: CRM Enhancement for Informative Analytics**

Feature: CRM Analytics Integration

As a user across all member apps (CastNXT, EventNXT, and PlanNXT),

So that I can make informed decisions and enhance my event planning process,

I want the CRM system to be improved with analytics, providing comprehensive insights that are consistent across all member apps.

### **User Story 4: Enhanced Data Collection**

Feature: Additional Spec Collection

As a user of the event planning apps,

So that I can gather comprehensive information for event planning,

I want the system to enable the collection of additional specifications beyond the existing data fields.

### **User Story 5: Production-Ready Deployment**

Feature: Production Readiness

As a user preparing for actual event deployment,

So that I can ensure a smooth and successful event,

I want the system to undergo the necessary steps to become production-ready.

### **User Story 6: User-Friendly Interface Enhancement**

Feature: Intuitive User Interface

As a user of the event planning apps (CastNXT, EventNXT, and PlanNXT),

So that I can navigate and utilize the apps with ease,

I want the interface to be enhanced for a more user-friendly experience.

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### **User Story 7: Environment Setup for Event Planning Apps**

Feature: Development Environment Configuration

As a developer working on the event planning apps (CastNXT, EventNXT, and PlanNXT),  
So that I can efficiently contribute to the project,  
I want the development environment to be set up with the necessary tools and dependencies.

### **User Story 8: Visualization for facility management**

Feature: visualization for project management

As a project manager using PlanNXT,  
So that I can manage all stuff in the event in order,  
I want a clear visualization for furniture, electricals and staff placement.

### **User Story 9: document management improvement**

Feature: document management for producers

As a producer of the event using CastNXT  
So that I can communicate with clients efficiently,  
I want a systematic and efficient way to collect all kinds of documents with different kind of clients.

User Story 1: Consolidated Sign-on System

Feature : Progress Tracking

As a FashionNXT customer,

So that I can sign into my account at once

I want to sign in once and be signed into the tree of apps

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### User Story 2: Increasing Sales

Feature: Increasing Sales

As a FashionNXT manager,

So that I can increase the sales

I want to implement a reward system for referrals for an event

### User Story 3: CRM Enhancement for Informative Analytics

Feature: CRM Analytics Integration

As a user across all member apps (CastNXT, EventNXT, and PlanNXT),

So that I can make informed decisions and enhance my event planning process,

I want to improve the CRM system with analytics and provide comprehensive insights

### User Story 4: Enhanced Data Collection

Feature: Additional Spec Collection

As a user of the event planning apps,

So that I can gather information for planning an event,

I want the system to enable the collection of additional specifications beyond the existing data fields

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### User Story 5: Production-Ready Deployment

Feature: Production Readiness

As a user preparing for event deployment,

So that I can host a successful event,

I want the system to be production-ready.

### User Story 6: User-Friendly Interface Enhancement

Feature: Intuitive User Interface

As a user of the event planning apps (CastNXT, EventNXT, and PlanNxt),

So that I can navigate and use the apps with ease,

I want the interface to be enhanced for a more user-friendly experience.

### User Story 7: Environment Setup for Event Planning Apps

Feature: Development Environment Configuration

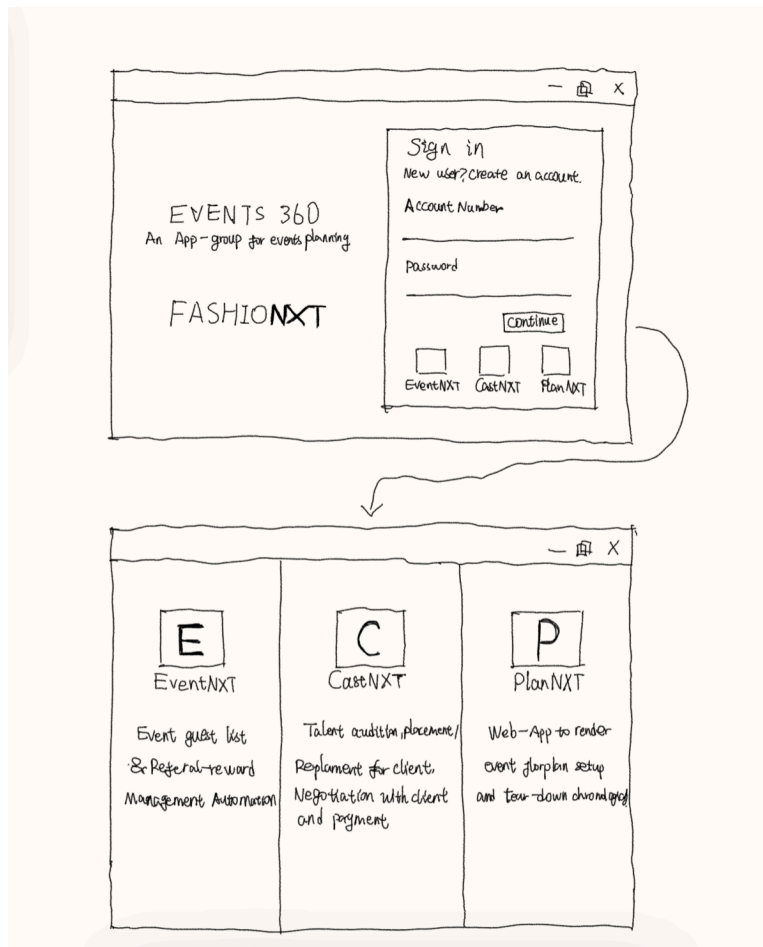
As a developer of the apps,

So that I can efficiently contribute to the project ,

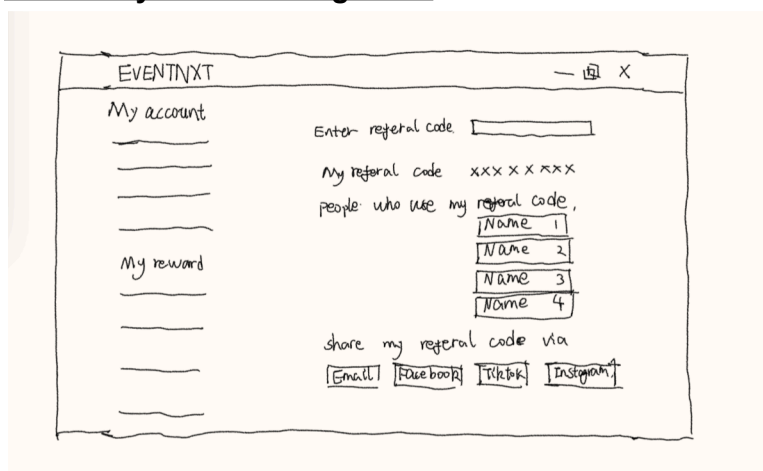
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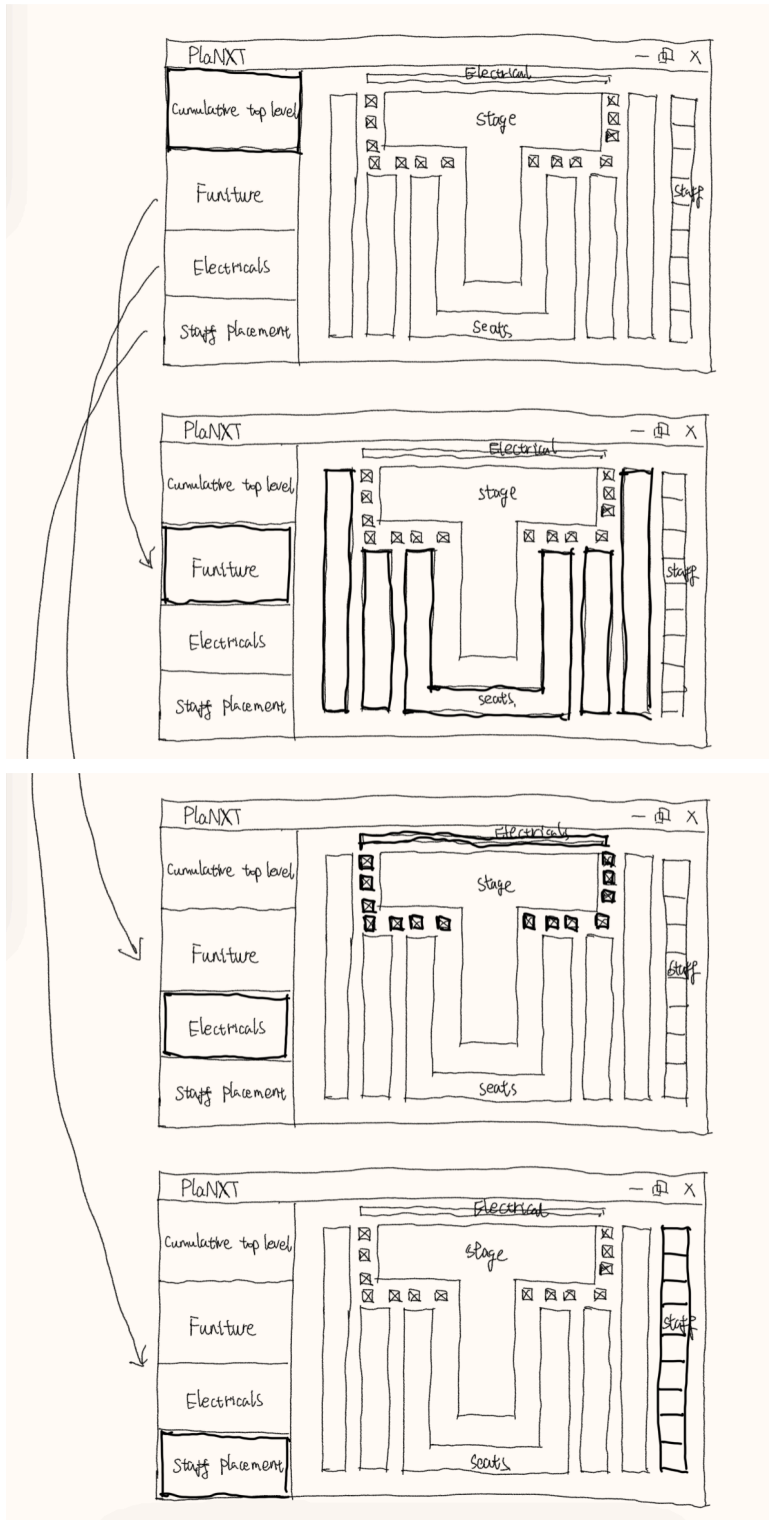
### User Story 1: Consolidated sign on system



### User Story 2: Increasing Sales



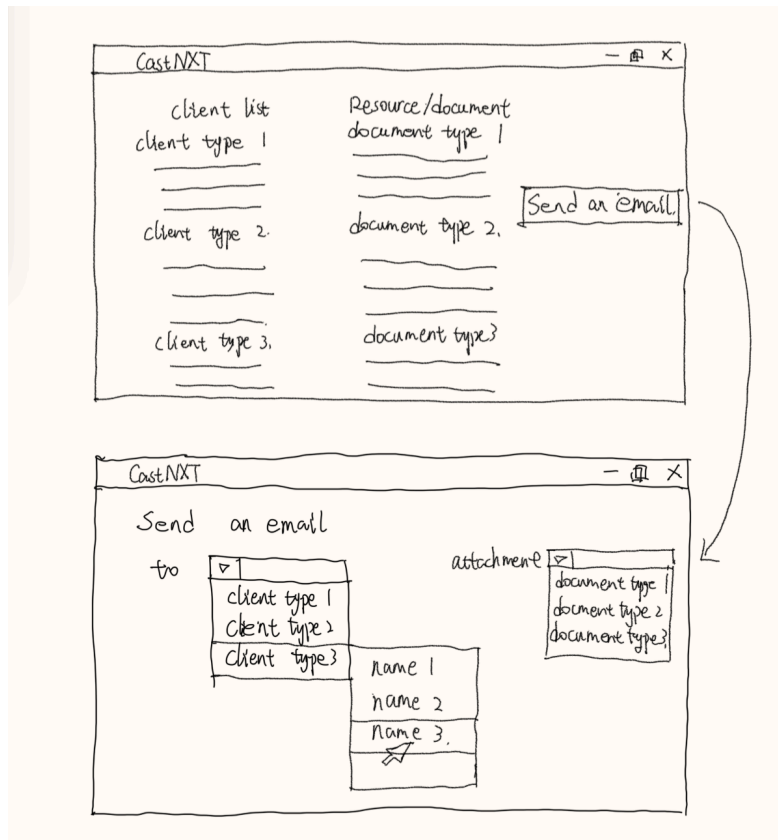
**User Story 8: Visualization for facility management**





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### User Story 9: document management improvement



### **Sprint Backlog:**

A clear objective was established after our introduction to the stakeholder, FashionNXT CEO Tito, for the team to develop the event planning apps: CashNXT, EventNXT, and PlaNXT. The core component to the Sprint Plan 1 is User Story 7, which is to focus our attention and set up our system with the necessary tools and dependencies. The integration of this workflow ensures all team members have an adequately developed system with necessary tools and dependencies for effective collaboration.

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A point value of 3 has been allocated to this user story due to its crucial role in our development foundation. This value has been assigned due to the nature of our team's experience with the preexistent apps and its ability to be done in one week.

The responsibility of User Story 7 has been assigned to each team member. The task associated with this user story is to communicate with previous developers to demo a “new app installation” through a virtual meeting. By the end of this sprint, our system will be equipped with the necessary environment to proceed with development.

### **Links to GitHub Repo, Pivotal Tracker, and Slack**

**GitHub:** [https://github.com/FashionNXT/Event360\\_Spring\\_2024](https://github.com/FashionNXT/Event360_Spring_2024)

**Pivotal Tracker:** <https://www.pivotaltracker.com/n/projects/2676556>

**Slack:** <https://app.slack.com/client/T06G2CUA9KL/C06G29HV9L3>

### **Legacy Projects Summary:**

This is a legacy software development on the same topic from the previous semesters, since the topic has not been modified significantly from last semesters in general, we will need to focus on certain perspectives where we can basically make certain improvement or changes to the previous established framework for FashionNXT web applications design, including the three closely related subprojects.

This is in general not a quite trivial and transparent task, since the first step is to understand what has been essentially implemented in the previous semesters. Of course this means that we need to first understand how the previous teams were able to guarantee they established certain functions to the application. That being said, the crucial part in our understanding is that we should focus on how the functions realized are compatible with the essential framework.

Only through this particular approach can we possibly have the chance to really be able to manage to establish the new expectations on the application. Then when we understand the

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basic picture of the new functions we would like to improve and even create we need to carefully write down the user stories and the corresponding storyboards and sketching mechanism to guarantee the compatibility of our new realization with the previous realized framework in a perfect way.

For instance for the corresponding realization and improvement on the event arrangement what we really have to do is to focus on the implementation of the methods as well as how this may affect the previous framework and the essential parts of the software which has been established.

As for the example on the login function, which needs to be a comprehensive modification and improvement of the previous login implementation, we need to definitely try our best to understand how the previous login implementation are realized and then we can build upon the previous login considerations and then basically make the organization or reorganization of the whole separated unlinked authentication considerations. Separately implemented authentications will be meaningless here if we do not emphasize well on the corresponding mechanisms on how to reorganize the functions.

It will be also very important for us to possibly make certain connections well with the customers and even the previous developers. This will help us to better understand the programming implementation along the legacy application development well, such as how the methods and classes are related, how the ideas were implemented to realize the functions from the previous user stories. Through this thorough understanding, we will have the chance to know what are the best entry points for us to get started and how we should eventually implement everything needed in this framework in this legacy circumstance.