



FashioNXT: Event360

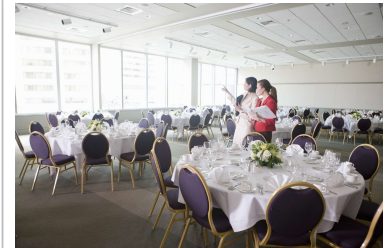
Sponsor and Target Users



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- Sponsor is the company FashionNXT run by Mr. Tito Chowdhury
 - Event management company focused on fashion industry
- Target users are Mr. Chowdhury initially
 - Plans to expand to broader use

FASHIONNXT



Project Flow



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- Event360: Collection of apps developed for the company FashionNXT
- Made up of:
 - Event360 CRM
 - Central login and admin management tool
 - PlaNXT
 - Venue floor planning tool
 - CastNXT
 - Talent management tool
 - EventNXT
 - Event and RSVP management tool

PLANXT

CASTNXT

EVENTNXT



EventNXT: Event360

About EventNXT



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EventNXT is an app aimed at improving guest list management for live events.

Goals:

- Provide event organizers with real-time ticket data, enabling efficient management of seating capacities and maximizing ticket sales.

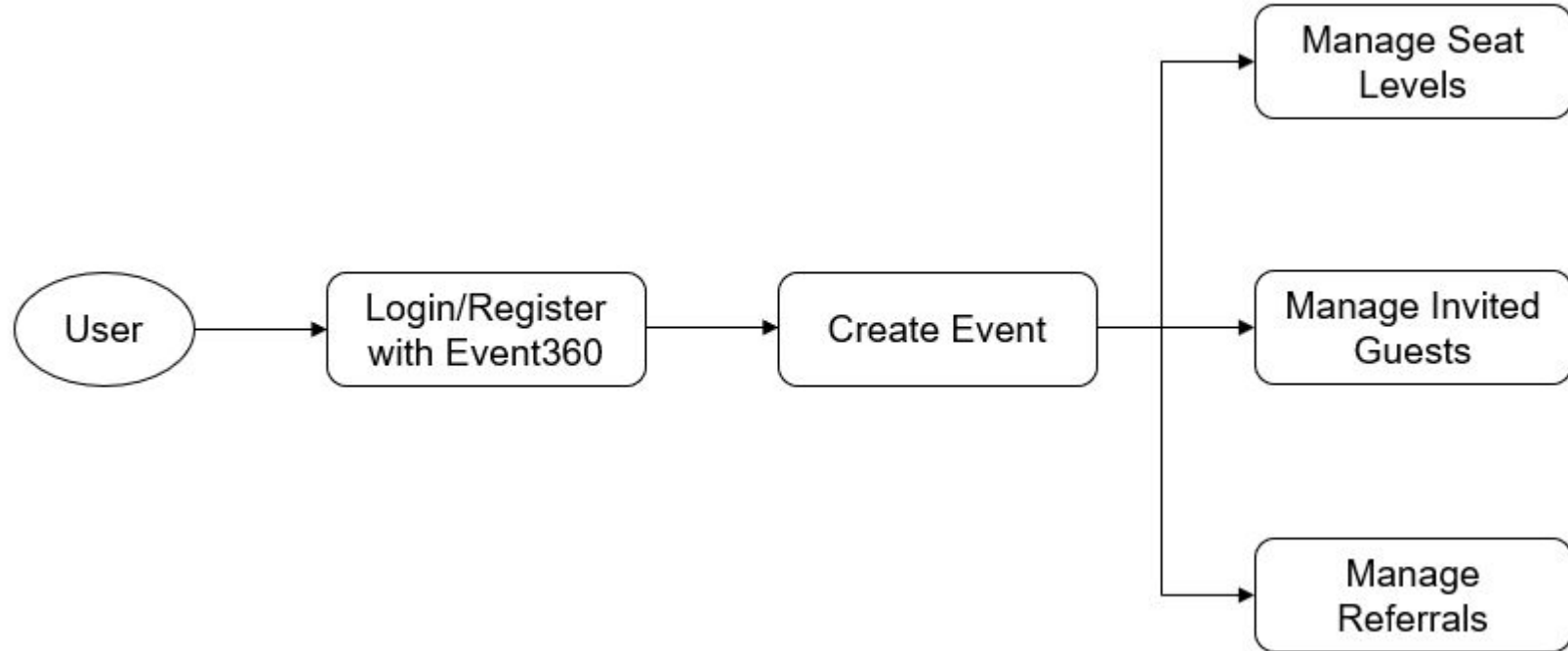
Key features:

- Central login using Event360 (CRM Integration), Event creation and management, box office data uploads, guest management and email communication.
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Application Flow



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Improvements



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- Successful sign out feature
 - Sign out feature tests
 - Upload Manage Guests
 - Upload manage guest tests
 - Fix guest destroy button when upload manage guest
 - UI for manage guest
 - Sending out RSVPs
 - Test for sending RSVPs
 - Update committed seats
 - Fix last semester's code coverage
 - Parsed box office data
 - Referral email to guest
 - Update Seating Summary
 - Track referred person information
 - Reward calculation when we have the corresponding referral tuples
 - Parsing ticket buyer information from .xlsx file
 - Referral email to guest's friend
 - Fix heroku deployment
 - Test for sending email to guest
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Difficulties



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- Pushing a container to heroku and having the app not crash
 - Being a legacy project, there was an old_EventNXT_app and new_EventNXT_app. It was difficult to use old_app code for new_app since it had a different code base. (Javascript vs Ruby on Rails)
 - Lots of broken features since last semester's team rushed the process of transferring features through varying code bases
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Future Development



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- Better UI
 - Importing guest from third party
 - Reward for referrals
 - Better code coverage
-



PlaNEXT: Event 360

Introduction



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What is PlaNXT:

- A floor planning application that simplifies the planning process
- Comprehensive pipeline that guides users from the initial creation of an event to adding steps and design layout for the venue
- Novel time-lapse function for visualizing the event's progression and their corresponding layouts in 3D

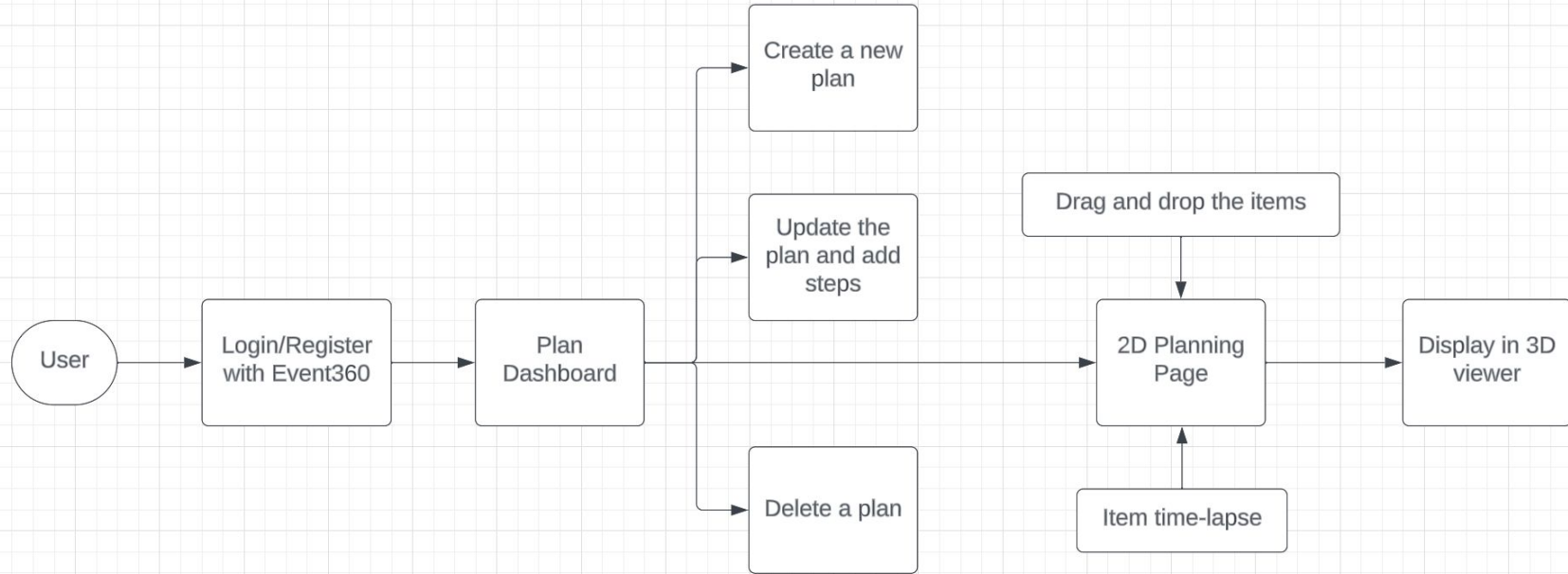
End Users:

- Event Organizers who seek to meticulously plan and visualize every aspect of their events
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Application Flow



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Key Improvements



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- Sign out out all apps from PlaNXT app
 - Readable Floorplan CSV File Download
 - Save Floorplan as CSV File
 - Improve tests and coverage
 - Able to upload Floorplan CSV File but won't populate the floorplan
 - UI improvements
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Difficulties



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- First App we worked on so getting caught up to speed with how everything works
 - Being a legacy project
 - Understanding how the 2D visualization works
 - Understanding how the 3D visualization works
 - Many bugs that were found while manually testing the app
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Future Development



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- Better UI
 - Improve tests
 - Add time adjustments to when an item is dependent on another item. For example, if I want to set up a table at 1 pm and then a chair to be added to that table at 1:05 pm but now the user wants to set up table at 1:30 pm, have the app automatically adjust the chair to be added at 1:35 pm. Do this with break times as well.
 - Add the cursor slide that was implemented in the 2D floorplan to the 3D floorplan. This will require more than one person and a few days to implement.
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CastNXT: Event 360

Introduction



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What is CastNXT:

- Simplify and Automate entire event management flow
- Streamlining the process of selecting/shortlisting candidates
- Assigning Talent to a client and Arrange them based on preference
- Producer/Admin negotiating with clients about a talent
- Finalizing talent selection for an event.

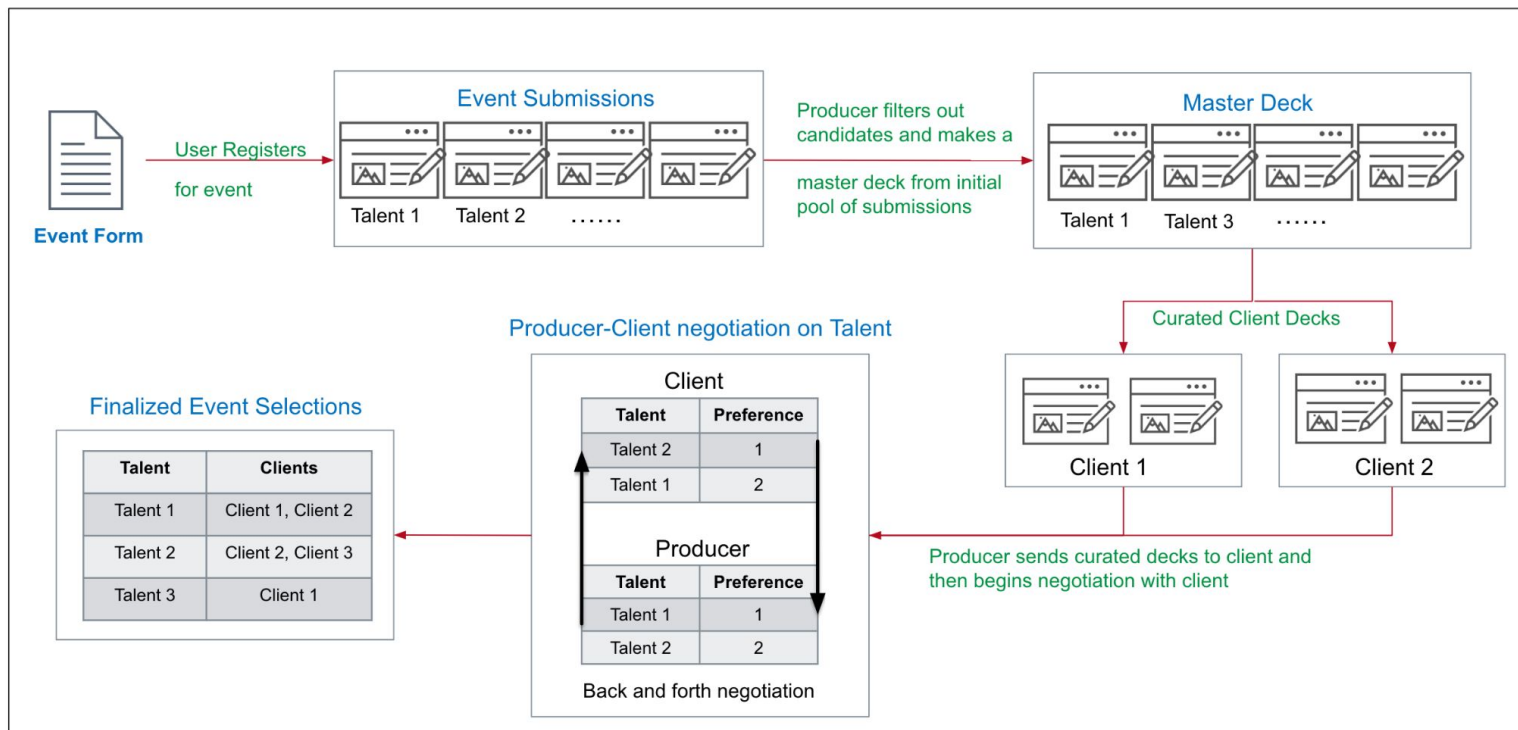
Our End Users:

- FashionNXT – Admins or Producers: To Manage the App.
 - Event Participants and Models – Talents: Search and Register for Events.
 - Designers and Clients: Showcase events using assigned Talents.
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Application Flow



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Tech Stack: Ruby, ReactJS(UI), Mongo(DB), JEST(testing)

Key Improvements



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- Improved last semesters React tests
 - On Click Coloring Effect of Client Event Summary
 - Coloring Effect of Client Event Summary Jest Testing
 - Sorting Mechanism of Client Event Summary
 - Sorting Mechanism of Client Event Summary testing
 - Update Email feature
 - Removed 'Guests Committed' from Events page
 - Remove 'Guests Committed' from New Guests Page
 - Add a 'Section' column to Seats
 - Add a 'Section' column to Guests
 - Debugged App Deployment
 - Sign Out Feature for CastNXT to sign out of all three apps
 - Write a Cross-Origin Resource Sharing Method
 - Implement Email Notification when Update Decks is Pressed
 - 'Manage Seating Levels' was updated to display the Sections Column
 - Seating Summary was updated to display the Sections Column
 - Create a new section in "Add New Seats"
 - Display the new seating summary based on categories and section
 - Debugged App Deployment in CastNXT
 - Add "image" attribute to form
 - 'Manage Seating Levels' was updated to display the Sections Column
 - Seating Summary was updated to display the Sections Column
 - Create a new section in "Add New Seats"
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Difficulties



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- Being legacy code from a different part of last semesters group had different code structure
 - Mongo database was confusing and hard to get to work
 - Can only do development on windows using WSL. Will not work on Mac
 - This app runs very slow so made manually testing difficult
 - Fixing last semesters react tests slowed us down
 - Pushing a container to heroku and having the app not crash
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Future Development



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- Debug email notification when button update decks is pressed. It will not send the email even though the server side says it did.
 - Improve and write tests that we missed due to time constraints
 - Improve the latency of the app
 - This app is pretty much ready for production
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The End!