

CastNXT Sprint 2 Retrospective

GitHub Repo: <https://github.com/shweta-kumaran/CastNXTfall24>

Heroku Deployment: <https://castnxtfall2024-a6422e600193.herokuapp.com/home>

GitHub Projects: <https://github.com/users/shweta-kumaran/projects/2>

Slack: https://join.slack.com/t/slack-kl16283/shared_invite/zt-2r9q79t74-y1P3FWeX92YvA0_yAfUXng

Sprint 2 Duration: October 11, 2024 - October 25, 2024

Team Member	Role	Completed # of Points
Alea Nablan	Product Owner	4
Harsh Manishkumar Shah	Scrum Master	3
Jose Salazar	Developer	5
Rahul Baid	Developer	3
Rituparna Mandal	Developer	3
Shweta Kumaran	Developer	4
Milad Saadat	Developer	3
Fatemeh Zare	Developer	2

Sprint Goal:

In this sprint, we successfully enhanced our application by implementing key user stories that improved functionality, user experience, and overall stability. We completed research and a proof of concept for an AI Form Generator to streamline future event-specific template creation. The new direct messaging feature now enables seamless communication between administrators, clients, and talents, fostering better engagement and coordination. Additionally, we integrated a cover slide feature within the client decks tab, enhancing the presentation visuals for talent viewing. To further improve the user experience, we ensured consistency across spreadsheets in all tabs, increased test suite coverage, and optimized CSS files for better performance. Finally, the payment portal for talent compensation is now live, allowing for accurate and timely processing, significantly enhancing user satisfaction and maintaining high-quality standards throughout the application.

Sprint Achievements:

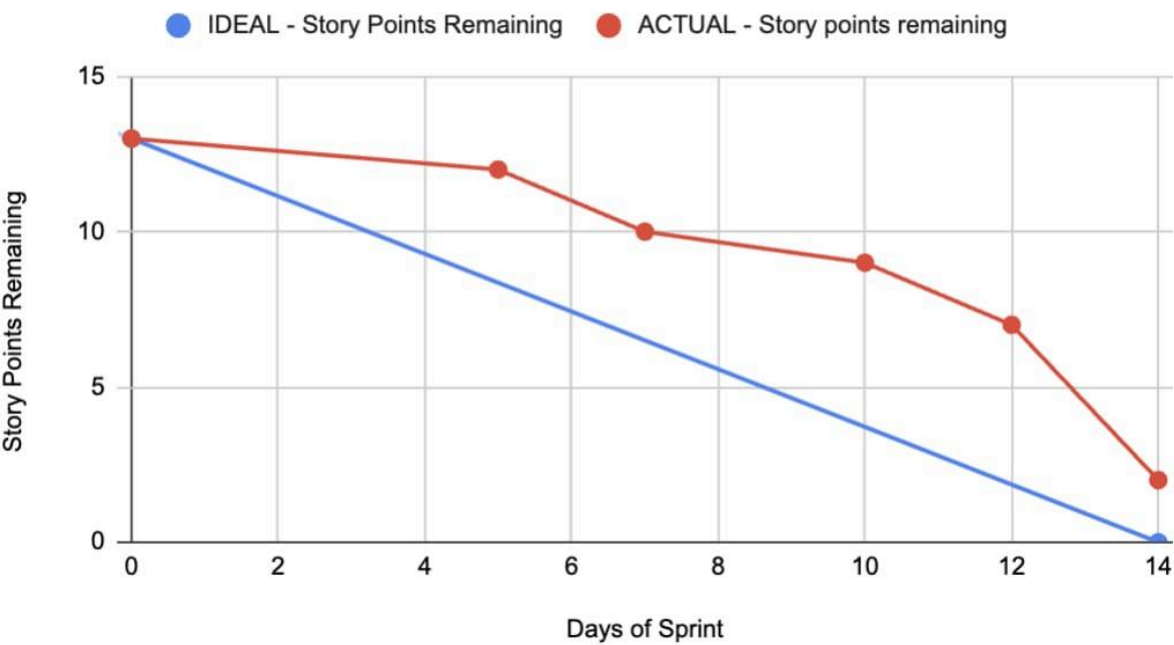
1. Conducted comprehensive research and proof of concept for the AI Form Generator to guide future event template creation.
2. Implemented a direct messaging (DM) feature for seamless communication between administrators, clients, and talents, enhancing engagement.
3. Integrated a cover slide feature in the client decks tab, improving visual appeal for talent presentations.
4. Standardized spreadsheets across all tabs for consistent formatting and functionality.
5. Increased test suite coverage and ensured passing of all test cases for reliable application performance.
6. Optimized CSS files for improved application performance and maintainability.
7. Launched the payment portal for talent compensation, enabling accurate and timely processing for user satisfaction.

Sprint Backlog:

1. AI form Generator (*)
The AI Form Generator feature was initially anticipated as a single, straightforward implementation. However, as the sprint progressed, it became clear that this feature would require further breakdown into three distinct stories: initial research, proof of concept, and finally, full-scale development of the AI Form Generator itself. This restructuring will allow us to approach each phase thoroughly and strategically, ensuring a solid foundation for the feature's eventual implementation. Additionally, the sprint's goals shifted, leading to the decision to pause work on this feature for the time being.
2. Test Case (-)
We encountered failing test cases in the JavaScript testing suite, which we resolved by fixing the existing issues and adding additional coverage. During this process, we also identified missing step definitions in existing Cucumber scenarios and addressed issues within the RSpec helper file. Recognizing the greater scope of work required to meet the project's test coverage goal of over 90%, we have allocated additional resources to focus on test case development and quality assurance in this sprint.

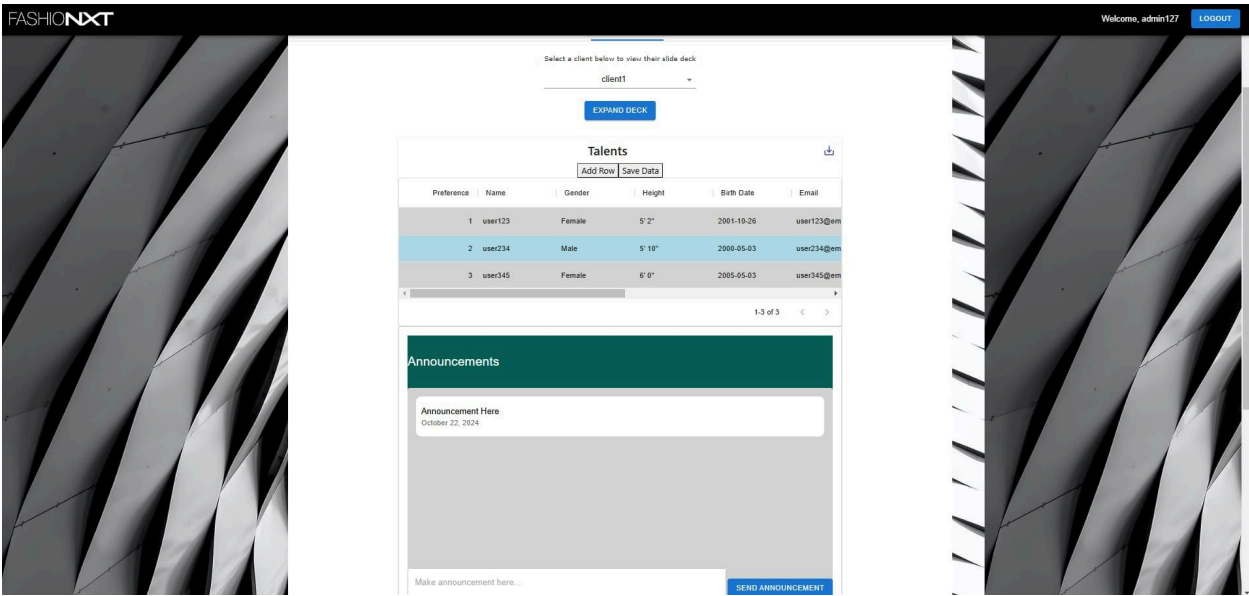
Burn Down Chart:

Sprint 2 Burndown Chart



Design Diagram:

1. Announcement Feature:



Add RowSave Data

Preference	Name	Gender	Birth Date	Email	State
1	Jose	Male	2025-01-18	test13@email.com	District of Col

1-1 of 1<>

Announcements

Howdy!
October 21, 2024

Make announcement here...

SEND ANNOUNCEMENT

2. Standardized spreadsheets:

Event 1

event 1 description

Location : Ames, Iowa

Date : 2024-10-31T05:00:00.000Z

Category : Performing Arts

BACK TO FORMS

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SUBMITTED DOCS

SELECTED DOCS

CLIENT DECKS

FINALIZED DECKS

SUMMARY

EDIT FORM

Select a client below to view their slide deck

client1

EXPAND DECK

Talents

Add Row

Save Data

Preference	Name	Gender	Height	Birth Date	Email
1	user123	Female	5' 2"	2001-10-26	user123@em
2	user234	Male	5' 10"	2000-05-03	user234@em
3	user345	Female	6' 0"	2005-05-03	user345@em

1-3 of 3

Event 1

event 1 description

Location : Ames, Iowa

Date : 2024-10-31T05:00:00.000Z

Category : Performing Arts

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SELECTED DOCS

CLIENT DECKS

FINALIZED DECKS

SUMMARY

EDIT FORM

Use this page to create client-specific slide decks

Selected Users

Download

Add RowSave Data

Name	Gender	Height	Birth Date	Email	State
user123	Female	5' 2"	2001-10-26	user123@email.c...	Texas
user234	Male	5' 10"	2000-05-03	user234@email.c...	Kentucky
user345	Female	6' 0"	2005-05-03	user345@email.c...	Louisiana

1-3 of 3

Name

user123

Gender

☐ Male

☒ Female

☐ Other

Height*

Height in Feet ' and Inches "

5' 2"

Birth Date

3. Payment Feature:

Event 1

event 1 description

Location : Ames, Iowa

Date : 2024-10-31T05:00:00.000Z

Category : Performing Arts

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SELECTED DOCS

CLIENT DECKS

FINALIZED DECKS

SUMMARY

EDIT FORM

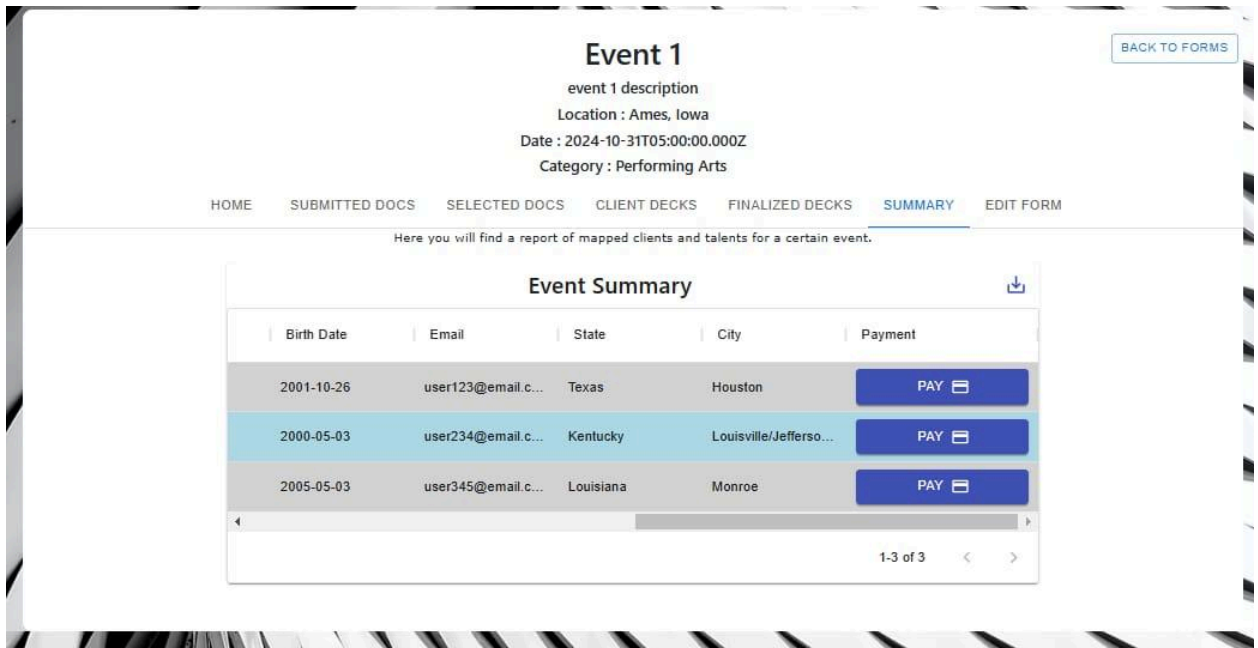
Here you will find a report of mapped clients and talents for a certain event.

Event Summary

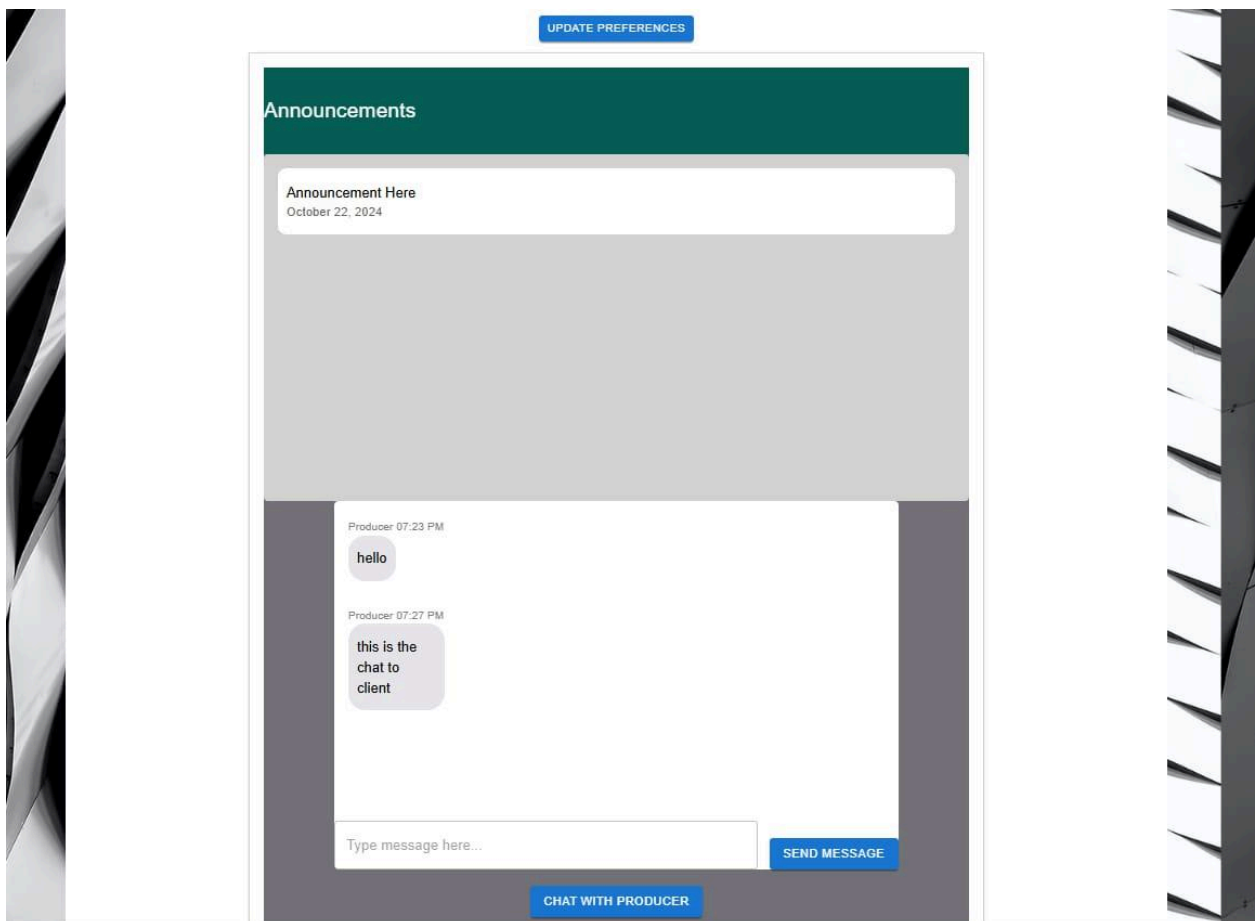
Download

Clients assigned	Payment Completed	Name	Gender	Height
client1	Mark as Completed	user123	Female	5' 2"
client1	Mark as Completed	user234	Male	5' 10"
client1	Completed	user345	Female	6' 0"

1-3 of 3



4. DM feature:



Documentation of Changes:

1. AI Form Generator

The initial plan for the AI Form Generator feature was revised as the sprint progressed, requiring a breakdown into three separate stories: research, proof of concept, and the final implementation of the form generator itself. This phased approach allows for a more structured development process, ensuring thorough groundwork before full-scale implementation. The sprint's priorities shifted, leading to the decision to pause active development on this feature. All changes to design, storyboards, and planning documents will be documented to maintain alignment on the revised approach.

2. Test Case

In the course of addressing failing test cases in the JavaScript testing suite, we conducted a comprehensive review that included adding new test coverage. Additionally, we identified and resolved missing step definitions in existing Cucumber scenarios and fixed issues in the RSpec helper file. Given the larger scope of work needed to achieve the required test coverage of over 90%, more resources were dedicated to test case development and quality assurance. These changes have involved code reorganization and refactoring, which will be thoroughly documented to ensure ongoing quality and maintainability in the testing suite.

Code Evaluation and Tests:

- 59 Code Smells, reported by Code Climate.
- 152 cases of code duplication, reported by Code Climate.
- No other style offenses reported from Code Climate.
- 82% of all lines in project code files are covered, reported by running yarn coverage.
- Rspec has 76% code coverage
- Cucumber has 0% coverage. (We have engaged in discussions with the **Teaching Assistant** and the **professor** regarding the challenges associated with the legacy code, and we will prioritize enhancing Cucumber coverage in Sprint 3.).

Customer Meeting Date/Time: October 15, 2024 at 7 PM CST

Customer Meeting Discussion: The third meeting on 10/15/24 focused on enhancing application functionality and user experience. Key decisions included simplifying the payment process through a direct link to Venmo or PayPal, with a summary tab to track completed payments. The admin-client interface was structured to facilitate general information exchange: the bottom half of the cover slide will be interactive for ongoing communication, while static announcements will appear on the top. Individual talent profiles are intended for specific data exchange, ensuring that relevant information is

efficiently shared. An OpenAI API account was created under Fashionnxt LLC to support a dynamic talent-matching system. This feature will enable producers to match talent based on specific criteria, such as size, gender, or appearance, by using detailed multi-point filtering. AI integration will assist in selecting talent based on form queries, supporting precise producer requirements. Additionally, Event360 was established as the sole login gateway, with backend CRM connectivity discussed to ensure smooth access. Harsh will provide programming support to Alea for AI-based form creation and data-matching functionalities as needed.