TEAM MEMBERS :

Scrum Master: Rituparna Mandal
Product Owner: Rahul Baid
Developers: Jose Salazar, Alea Nablan, Shweta Kumaran, Harsh Shah, Milad Saadat, and Fatemah Zare

Links :

1. GitHub: https://github.com/shweta-kumaran/CastNXTfall24
2. Slack: https://join.slack.com/t/slack-kll6283/shared_invite/zt-2r9q79t74-y1P3FWeX92YvA0_yAfUXng
3. Heroku: https://castnxtfall2024-a6422e600193.herokuapp.com/
4. Tracker: Github projects - https://github.com/users/shweta-kumaran/projects/2

Sprint 4 Duration: Nov 06, 2024 - Nov 15, 2024

Information about team and member contributions
Total points in Sprint 4:

Member	Role	Points completed	Percentage Contribution
Rahul Baid	Product Owner	7	23.33%
Rituparna Mandal	Scrum master	5	16.67%
Harsh Shah	Developer	5	16.67%
Shweta Kumaran	Developer	5	16.67%
Alea Nablan	Developer	4	13.33%
Jose Salazar	Developer	4	13.33%
Milad Saadat	Developer	0	0%
Fatemah Zare	Developer	0	0%
Total		**30**	**100%**

Information about team and member contributions for All Sprints

Total Points For Team:

Member	Points completed	Percentage Contribution
Rahul Baid	21	18.92%
Jose Salazar	20	18.02%
Shweta Kumaran	15	13.51%
Rituparna Mandal	14	12.61%
Harsh Shah	14	12.61%
Alea Nablan	14	12.61%
Milad Saadat	7	6.3%
Fatemah Zare	6	5.4%
Total	**111**	**100%**

Sprint Goal:

The goal was to add enhancements for login, DM, events near me, and spreadsheet functionality. We also worked on fixing existing bugs such as Delete slide functionality, Form Preview,

Sprint achievements:

During this sprint, we have worked on the following items :

1. Allow to delete user/slide in Admin/Submitted Docs.
2. Event Admin can make Announcements to Talents.
3. Role Selection and redirection for new users for OAuth.
4. Admin-Talent Group DM with selected multiple talents.
5. Talents can see a list of "events near me" which includes Events in their city and then in the state.
6. Added a feature to filter spreadsheets with multiple attributes.
7. Login through OAuth using EVENT 360.
8. Fixed webpacker compilation issues.
9. Reduced docker image size from 4GB to 2.7GB
10. Added Cucumber scenarios for client, admin, and user.
11. Updated and refined documentation.

12. Updated NodeJS from v16 to v20.

Sprint backlog items and status:

All backlog items from sprint 3 have been cleared.

There were a few stories and tasks that were not completed at the end of sprint 3 and completed this sprint 4. Below are the stories and their details.

1. **Submit button in the form preview -**
   The client, during testing, noticed a confusing UI design in the form preview created by an admin during event setup and requested a change to clarify that the form preview would not submit data. The developer received this feature request at the last minute and, despite understanding the requirements, encountered issues during implementation, making it unable to be completed and moving it to the next sprint.
   Points: 2
   Assigned to: Harsh Shah

2. **Role Selection for new users after OAuth Login -**
   Due to having compile issues in Heroku, the developer could not test the feature and this task was not able to be completed at the end of the sprint. However, it was completed on November 19. The detailed breakdown for this story is mentioned in the "Modified/New Items" section.
   Points: 2
   Assigned to: Rituparna Mandal

3. **Cucumber Scenarios for Client -**
   Due to the developer's capacity, this was completed a few days after the end of the sprint. This task was completed on November 22.
   Points: 2
   Assigned to: Harsh Shah

Modified/New Items:
1. System Improvements (+)
   User story:
   As a developer of the application
   I want to have faster builds and response times
   So that I can iterate quicker and improve user experience
   Points: 2
   Assigned To: Rahul Baid

2. Events 360 Login (*)
   This task was broken into two user stories due to the size of the issue and some deployment blockers that delayed the progress of the second user story.
   Both components were pushed as part of Sprint 4.

   User story 1: Event 360 Login Using OAuth
   As a Events360 user,
   I should be able to use my Event360 account to access my CASTNXT account
   So that I do not have to maintain separate credentials
   Points : 3
   Assigned To: Rituparna Mandal
   This story was merged within the Sprint 4 deadline and was part of MVP.

   User Story 2: Role Selection for new users after OAuth Login
   As a CASTNXT user,
   I should be able to choose the role when I login with EVENTS360 for the first time.
   So that I can create an account in CASTNXT for my role.
   Points : 2
   Assigned To: Rituparna Mandal

3. Cucumber Scenarios (*)
   The task was split into 3 user stories based on the scenarios. All three user stories are completed in Sprint 4.

   User story 1 : Cucumber for Admin
   Add and implement cucumber stories for the Admin view
   Points : 3
   Assigned To: Alea Nablan and Rahul Baid

   User story 2 : Cucumber for User
   Add and implement cucumber stories for the User view
   Points : 2
   Assigned To: Shweta Kumaran

   User story 3 : Cucumber for Client
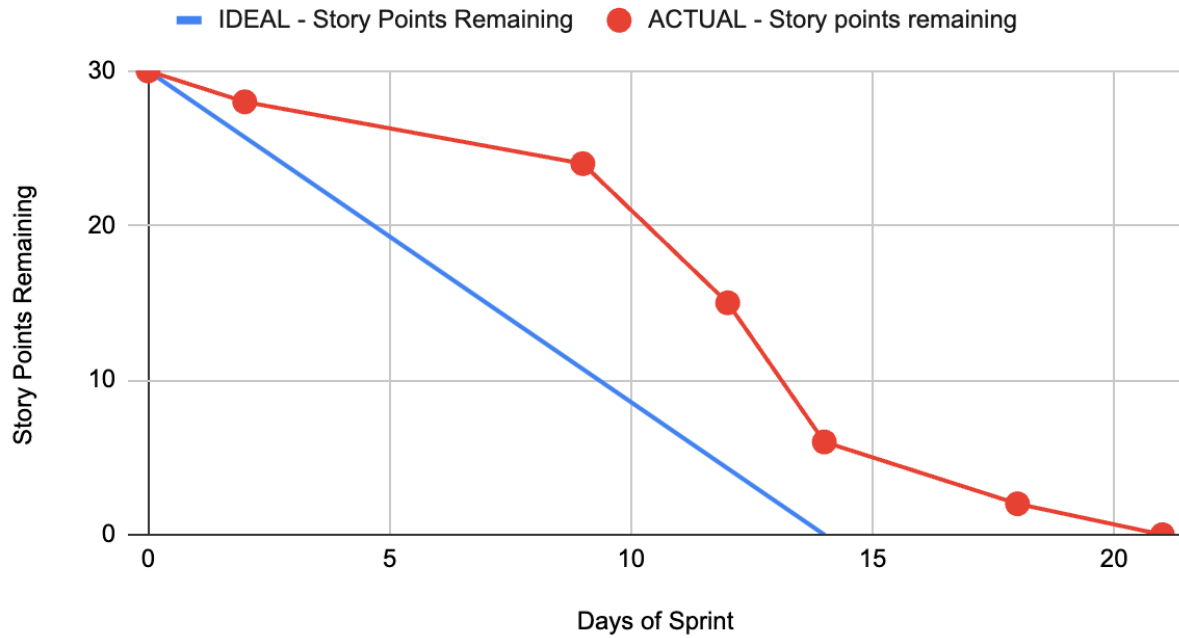   Add and implement cucumber stories for the Client's view
   Points : 2
   Assigned To: Harsh Shah
   This story is now completed.

Burndown

Sprint 4 Burndown Chart

Diagrams

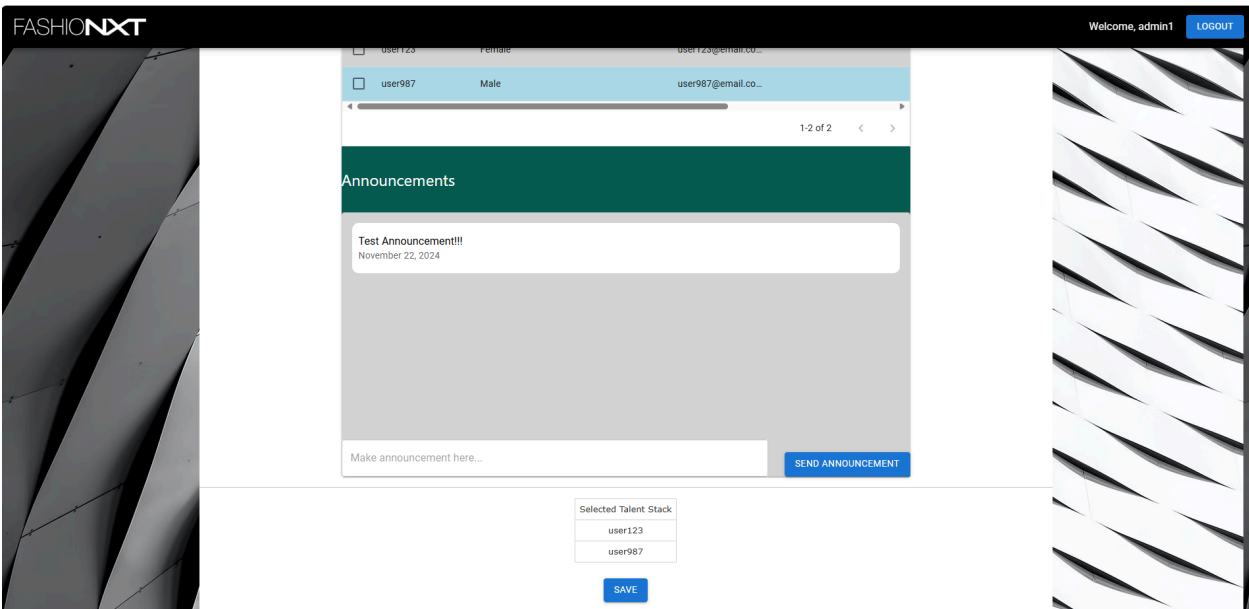## 1. EVENTS NEAR ME

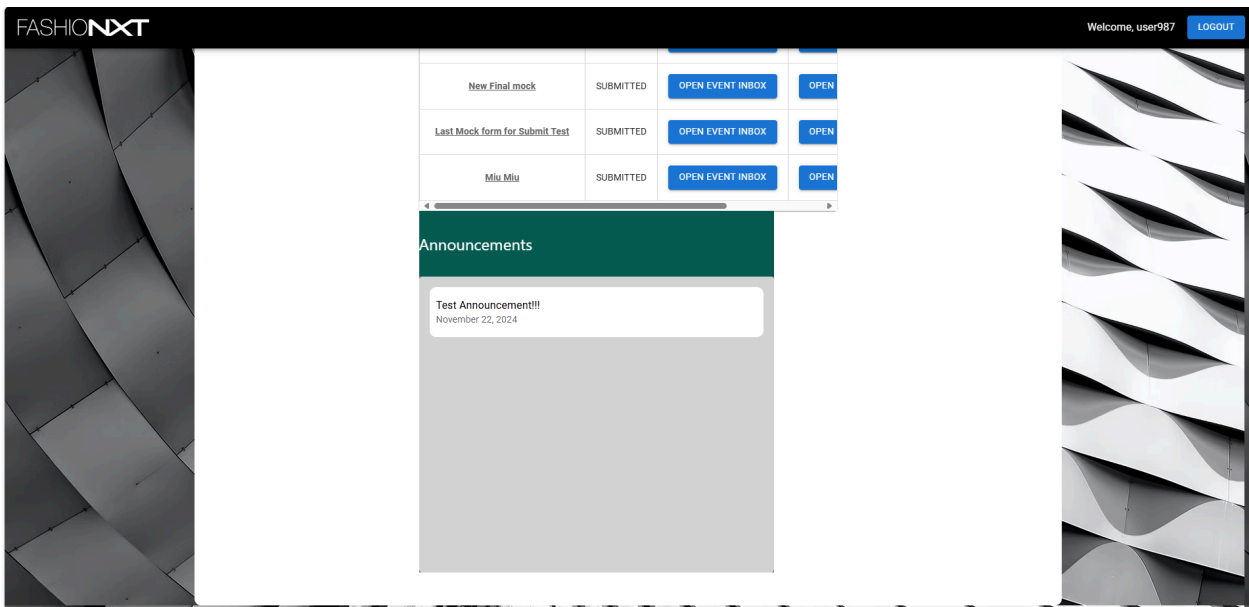## 2. SPREADSHEET MULTIPLE FILTERS:
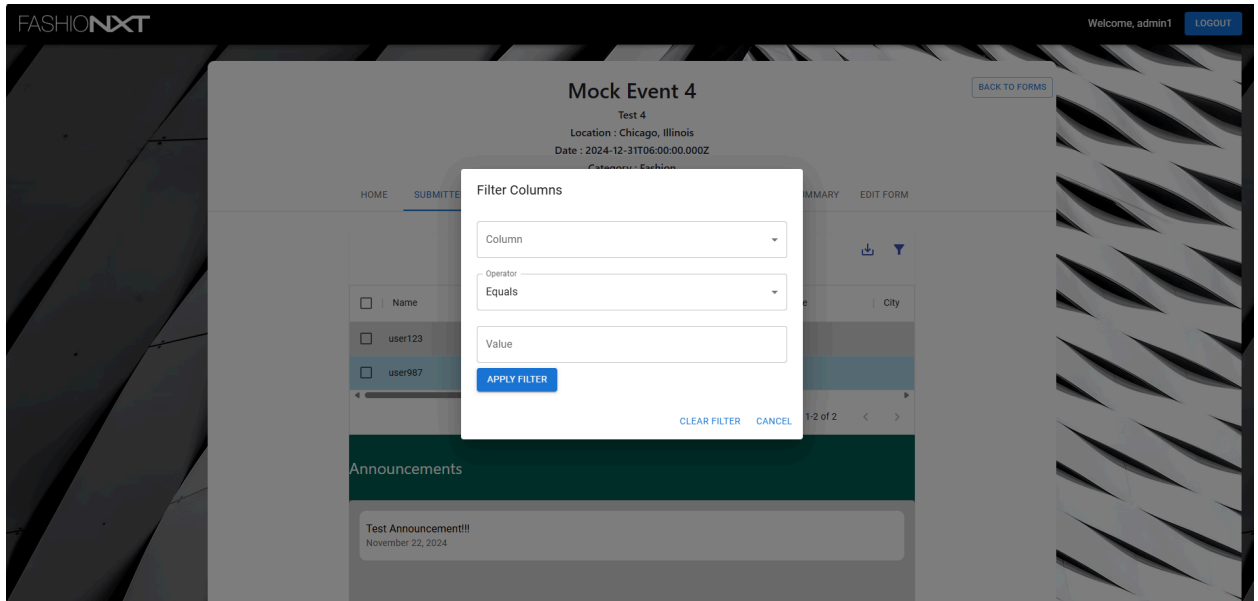
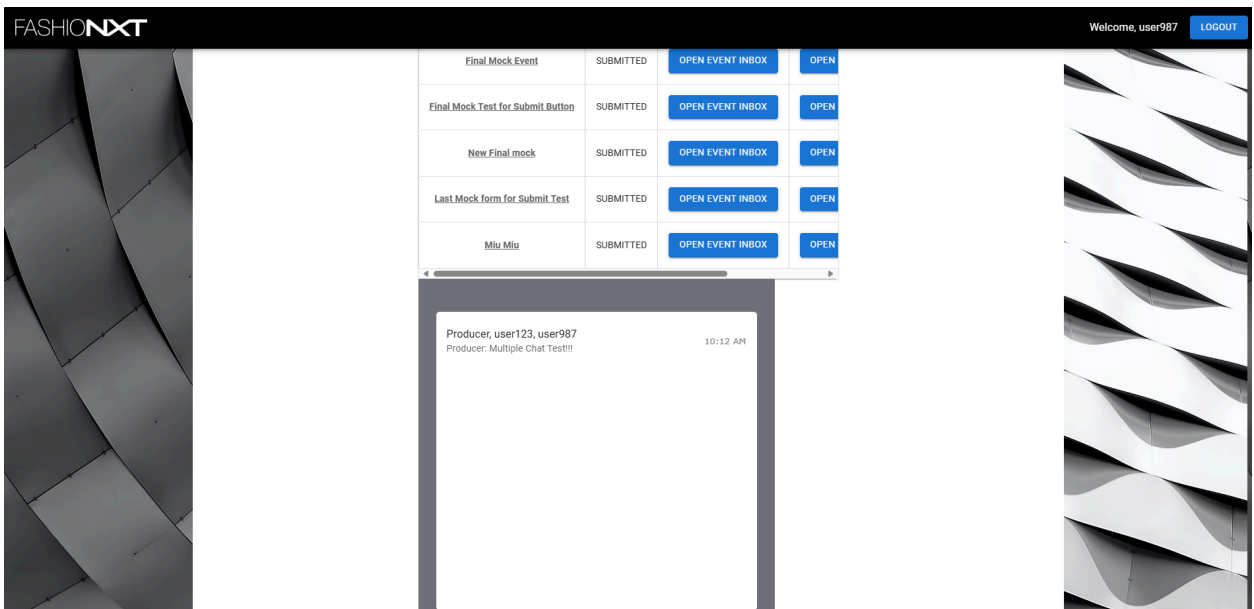## 3. SUBMIT BUTTON:
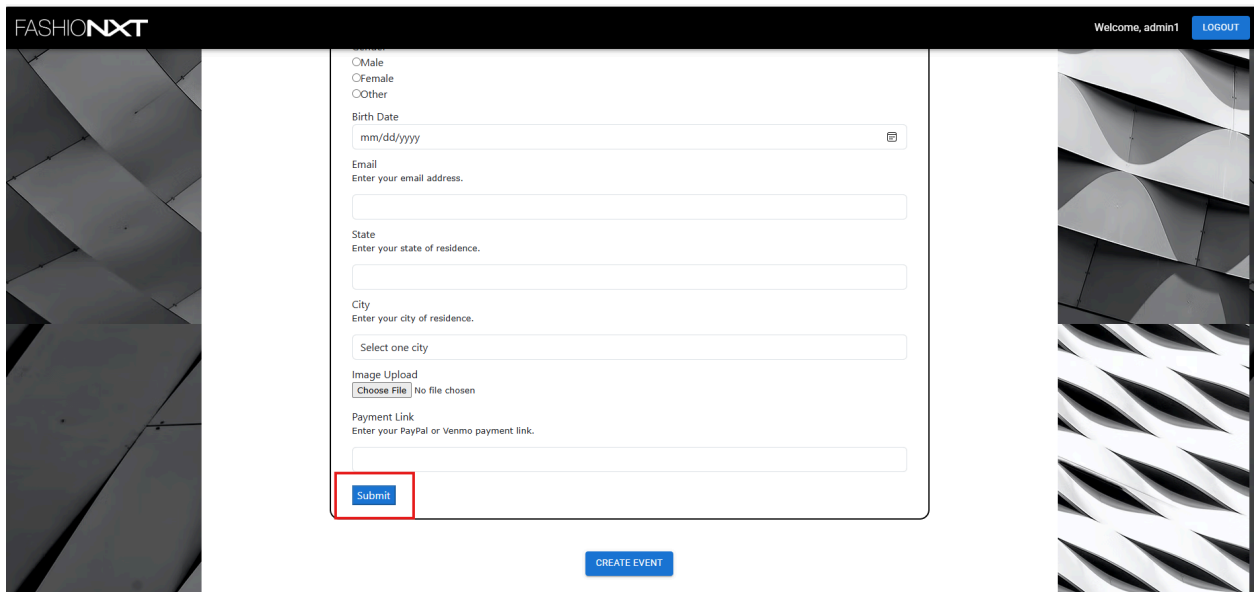
4. ANNOUNCEMENTS:

On Admin End.

On User End.

5. DM BETWEEN MULTIPLE TALENTS:
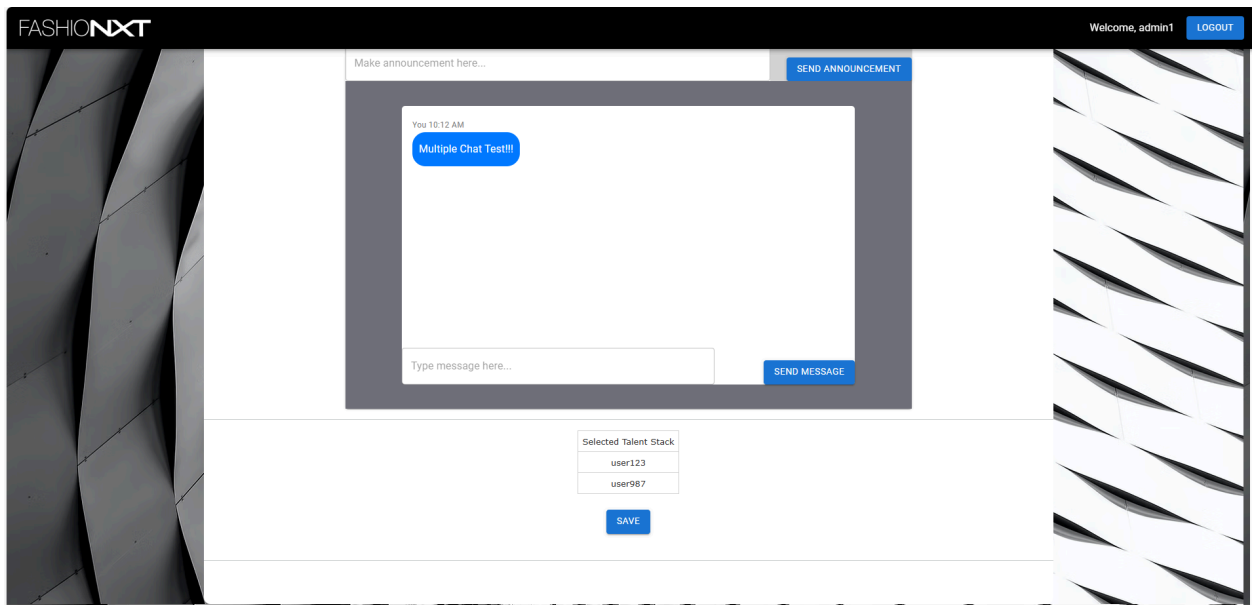
On Admin End.

On User End.

6. OAUTH AND ROLE SELECTION:

Welcome to CastNXT

You are logging in to CastNXT for the first time. Please select a Role to create an account

○ **Admin**

○ **Client**

○ **Talent**

Submit Role
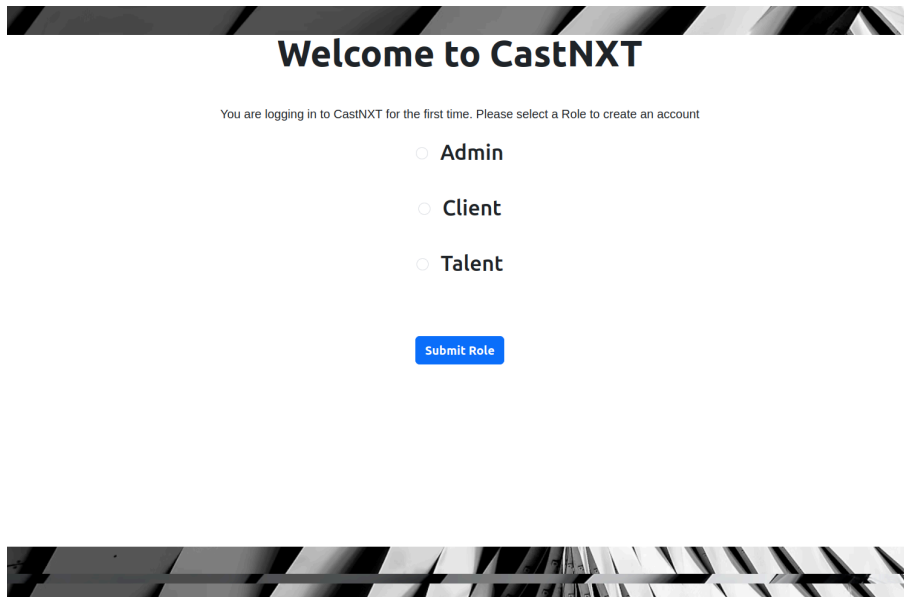
Documentation of changes

1. **Spreadsheet Multiple Filters Design**: Changed the design of multiple filters for spreadsheets since the data grid did not allow us to add multiple filters as we are on the free version of material UI. To add multiple filters within the table we would have to upgrade to the Pro version. Instead, we made an external filter icon to use when we want to filter across multiple columns.

2. **OAuth Login And Role Selection :**
Added Devise and Omniauth gems to support OAuth callback handling. Added handling in the model to create /update user information from Events360 response and the user into the corresponding page.
For first-time users, we have added a first_time_login page where they can select a role, this calls role_selection API that sets appropriate roles in the database and lands the user into the chosen dashboard view.

3. **Codebase and System improvements:**
Reduced the size of the docker image by improving the Dockerfile, leading to a faster deployment pipeline. Updated NodeJS from version 16 to 20. Fixed webpacker compilation issues. Improved and reorganized the codebase and removed unnecessary files.

4. **Events near Me :**
   Modified the design to parse talent data and get their current location. Added controller logic to sort events data based on their location match with user city, state, and event date. This will allow users to see events in the same city, or same state, based on what they recently applied to. A section to the events page for users is added to display the sorted events in the talent dashboard.

5. **Talent Announcements :**
   The announcement feature was modified to allow announcements to be made to talents, in addition to allowing announcements to clients. This feature allows admins to send one-way announcements to talent (referred to as "users" in our system). These announcements are event-specific, ensuring that each communication is tailored to a particular event's needs. As an admin, this feature can be seen from the "Submitted users" tab when looking at event details, and talents can view announcements by clicking a button, as seen in the diagrams. The logic was added to the relevant controllers to make sure clients and talents could not see announcements made for the opposite "user role".

6. **Allow to delete User / Slides in Admin Dashboard:**
   Refined UI elements for the table and buttons. Added functionality to delete/remove users from consideration in the "Submitted Docs" and "Selected Docs" tabs of the Admin dashboard.

7. **Submit Button in form Preview has been made unclickable:**
   Update the code to ensure the Submit button is unclickable in the form preview while remaining clickable in the actual form as per requirements.

8. **Cucumber Scenarios:**
   Added cucumber scenarios for key features for admin, user, and client.

9. **Group Chat functionality between Admin and Talents:**
   Updated the code to allow an admin to be able to send messages to multiple talents via a group chat. The relevant controllers and frontend were changed so that when opening messages, a user first sees their inbox of different messages, and they click on a message thread to open the message history and be able to respond to a specific set of talents/admin. A talent does not see messages that were never sent in the group chat, even if they were the ones that sent a message.

Evaluations of Code and Test Coverage:

- Code Smells: 74 (from code climate)
- Maintainability : D (from code climate)
- RSpec Code coverage: 91% (TDD)
- Jest (including Jest-Cucumber for BDD) Code Coverage: 90%

shweta-kumaran/CastNXTfall24 ⌀

☆ Star

Overview   Progress   Issues   Code   Filters   Trends

Last ⑂ main build 5 hrs ago   ↻ Refresh

Breakdown

270 FILES

MAINTAINABILITY

TEST COVERAGE

Codebase summary

MAINTAINABILITY

D 3 mos

TEST COVERAGE

A 90%

Repository stats

CODE SMELLS

74

DUPLICATION

184

OTHER ISSUES

0

config.eager_load is set to nil. Please update your config/environments/*.rb files accordingly:

 * development - set it to false
 * test - set it to false (unless you use a tool that preloads your test environment)

Open file in editor (cmd + click)   ue

/Users/rahulbaid/.rbenv/versions/2.6.6/lib/ruby/gems/2.6.0/gems/net-protocol-0.2.2/lib/net/protocol.rb:68: warning: already initialized constant Net::ProtocRetryError
/Users/rahulbaid/.rbenv/versions/2.6.6/lib/ruby/2.6.0/net/protocol.rb:66: warning: previous definition of ProtocRetryError was here
/Users/rahulbaid/.rbenv/versions/2.6.6/lib/ruby/gems/2.6.0/gems/net-protocol-0.2.2/lib/net/protocol.rb:214: warning: already initialized constant Net::BufferedIO::BUFSIZE
/Users/rahulbaid/.rbenv/versions/2.6.6/lib/ruby/2.6.0/net/protocol.rb:206: warning: previous definition of BUFSIZE was here
/Users/rahulbaid/.rbenv/versions/2.6.6/lib/ruby/gems/2.6.0/gems/net-protocol-0.2.2/lib/net/protocol.rb:541: warning: already initialized constant Net::NetPrivate::Socket
/Users/rahulbaid/.rbenv/versions/2.6.6/lib/ruby/2.6.0/net/protocol.rb:503: warning: previous definition of Socket was here
.6740d66970e699121cc64a62
.....................step 1
step 2
step 3
eventtest_user@gmail.com
test_events
step 4
.eventtest_user@gmail.com
test_events
step 1
.......tests
..{"email"=>"hometest_admin@gmail.com", "name"=>"hometest_admin", "password"=>"12345678", "type"=>"ADMIN", "controller"=>"home", "action"=>"signup"}
.Unexpected error
.{"email"=>"hometest_admin@gmail.com", "name"=>"hometest_admin", "password"=>"12345678", "type"=>"ADMIN", "controller"=>"home", "action"=>"signup"}
.{"email"=>"hometest_client@gmail.com", "name"=>"hometest_client", "password"=>"12345678", "type"=>"CLIENT", "controller"=>"home", "action"=>"signup"}
.{"email"=>"hometest_talent@gmail.com", "name"=>"hometest_talent", "password"=>"12345678", "type"=>"USER", "controller"=>"home", "action"=>"signup"}
.{"email"=>"hometest_admin@gmail.com", "name"=>"hometest_admin", "password"=>"12345678", "type"=>"ADMIN", "controller"=>"home", "action"=>"signup"}
...{"email"=>"hometest_admin@gmail.com", "name"=>"hometest_admin", "password"=>"12345678", "type"=>"ADMIN", "controller"=>"home", "action"=>"signup"}
....................Auth data: test@example.com
User successfully created: #<Duser _id: BSON::ObjectId('6740d66c70e699121cc64be1'), created_at: Fri, 22 Nov 2024 19:07:24 UTC +00:00, email: "test@example.com", name: "Test User",
dated_at: Fri, 22 Nov 2024 19:07:24 UTC +00:00, user_type: "new_user">
User successfully retrieved from DB: #<Duser _id: BSON::ObjectId('6740d66c70e699121cc64be1'), created_at: Fri, 22 Nov 2024 19:07:24 UTC +00:00, email: "test@example.com", name: "Te
 User", updated_at: Fri, 22 Nov 2024 19:07:24 UTC +00:00, user_type: "new_user">
.Auth data: test@example.com
......6740d66d70e699121cc64c07
{"curated"=>"false", "formData"=>"{\"name\":\"aaaa\",\"email\":\"aaaa@gmail.com\",\"talentName\":\"aaaa\",\"state\":\"Kentucky\",\"city\":\"Ames\",\"paymentLink\":\"paypal.me/rand
"}"}
....Slide updated successfully
......Auth data: #<OmniAuth::AuthHash info=#<OmniAuth::AuthHash::InfoHash email="testuser@example.com"> provider="events360" uid="123456">
Auth data: #<OmniAuth::AuthHash info=#<OmniAuth::AuthHash::InfoHash email="testuser@example.com"> provider="events360" uid="123456">
.Auth data: #<OmniAuth::AuthHash info=#<OmniAuth::AuthHash::InfoHash email="testuser@example.com"> provider="other_provider" uid="123456">
.Auth data: testuser@example.com
.{"name"=>"hometest_admin", "email"=>"hometest_admin@gmail.com", "password"=>"12345678", "type"=>"ADMIN", "controller"=>"home", "action"=>"signup"}
..

Finished in 4.36 seconds (files took 2.57 seconds to load)
85 examples, 0 failures

JSON Coverage report generated for RSpec to /Users/rahulbaid/Desktop/CastNXTfall24/coverage.   839 / 918 LOC (91.39%) covered.

```
yarn run v1.22.22
$ jest --updateSnapshot --forceExit --silent --coverage
 PASS  spec/javascript/Components/Admin/AdminUserTable.spec.js
 PASS  spec/javascript/Components/Client/ClientEventSummary.spec.js
 PASS  spec/javascript/Components/Admin/AdminEventSummary.spec.js
 PASS  spec/javascript/Components/Client/ClientEventFeedback.spec.js
 PASS  spec/javascript/Components/Client/ClientHomepage.spec.js
 PASS  spec/javascript/Components/Admin/AdminEventHome.spec.js
 PASS  spec/javascript/Components/Shared/DatePicker.spec.js
 PASS  spec/javascript/Components/Admin/AdminHomepage.spec.js
 PASS  spec/javascript/Components/Navbar/Header.spec.js
 PASS  spec/javascript/Components/Client/ClientEventPage.spec.js
 PASS  spec/javascript/Components/Forms/FormBuilder.spec.js
 PASS  spec/javascript/Components/Filter/LocationFilter.spec.js
 PASS  spec/javascript/Components/Admin/AdminSubmittedDocs.spec.js
 PASS  spec/javascript/Components/Filter/ColumnFilter.spec.js
 PASS  spec/javascript/Components/Filter/CategoryFilter.spec.js
 PASS  spec/javascript/Components/Filter/IsPaidFilter.spec.js
 PASS  spec/features/step_definitions/client_homepage.steps.js
 PASS  spec/features/step_definitions/user_homepage.steps.js
 PASS  spec/features/step_definitions/admin_homepage.steps.js
 PASS  spec/javascript/Components/User/UserHomepage.spec.js (5.298 s)
 PASS  spec/features/step_definitions/admin_events.steps.js (5.388 s)
```

File	% Stmts	% Branch	% Funcs	% Lines	Uncovered Line #s
All files	89.37	75.59	75.7	90.74	
components/Admin	84.09	69.87	67.56	86.2	
AdminEventHome.js	100	80	100	100	28-45
AdminEventSummary.js	89.52	72.72	78.57	89.89	114,181-183,194,229-264
AdminHomepage.js	93.75	83.33	83.33	93.75	41
AdminSubmittedDocs.js	95.23	80	100	95	31
AdminUserTable.js	78.5	65.11	56.71	81.81	...,185-193,212,265,271,285-287,305-310,337-342,379,396,452-457,474-706
components/Client	91.46	74.07	79.31	91.13	
ClientEventFeedback.js	89.39	60	74.07	89.23	128,165,254-416,470-474
ClientEventPage.js	100	100	100	100	
ClientEventSummary.js	92.5	83.33	81.81	92	105,132,199-204
ClientHomepage.js	90.9	75	80	90.9	37
components/Filter	100	75	100	100	
CategoryFilter.js	100	100	100	100	
ColumnFilter.js	100	75	100	100	47
IsPaidFilter.js	100	100	100	100	
LocationFilter.js	100	100	100	100	
components/Forms	96.87	100	87.5	96.66	
FormBuilder.js	96.87	100	87.5	96.66	83
components/Navbar	100	100	100	100	
Header.js	100	100	100	100	
components/Shared	92.72	100	77.77	92.72	
DatePicker.js	88.88	100	66.66	88.88	60-61
DatePickerEnd.js	94.44	100	83.33	94.44	58
DatePickerStart.js	94.73	100	83.33	94.73	60
components/User	90.58	81.63	73.68	92.68	
UserHomepage.js	90.58	81.63	73.68	92.68	227,275,339,379-389,403-406,452,485,602,746
utils	97.91	85.71	90	100	
AdminDataUtils.js	100	80	100	100	3-12
DataParser.js	100	100	100	100	
FormsUtils.js	100	100	100	100	
RangeFilter.js	87.5	100	50	100	

```
Test Suites: 21 passed, 21 total
Tests:       147 passed, 147 total
Snapshots:   30 passed, 30 total
Time:        5.836 s, estimated 8 s
Force exiting Jest: Have you considered using `--detectOpenHandles` to detect async operations that kept running after all tests finished?
✨  Done in 6.20s.
```

Customer Meeting Date/Time: Nov 19, 2024 @ 7 PM CST

Customer Meeting Discussion: We updated our progress for the sprint to the client. Major discussion points were :

1. We demoed the MVP for sprint 4 and took the client's feedback.
2. We discussed the issue of the App crashing in Heroku due to memory limits.
3. We discussed the items to be added to the documentation for handing over the project to the next team.