Sprint 4 - Retrospective

Links:
Pivotal Tracker: https://www.pivotaltracker.com/n/projects/2676556
GitHub repo: https://github.com/CSCE-606-Event360/CastNXTs24
Heroku Deployment: https://castnxtspring.herokuapp.com/

Date of the Sprint:
   April 5 - April 19

Team Members:
- Product Owner: Tianchen Huang 3
- Scrum Master: Tong Wu 3
- Developer: Alex Wise 3
- Developer: Louis Turrubiartes 3
- Developer: Amalesh Arivanan: 3
- Developer: Xin Tong 3

Sprint 4 - Goal:
The team will be working on CastNXT as well as improving the React testing from the previous semester. Additionally, some features on EventNXT were also worked on.

Sprint 4 - Achievements:
User Story 54: On Click Coloring Effect of Client Event Summary
   a. Points: 3 points
   b. Status: Implemented using switching the color method
   c. Summary: This feature implements certain marking by color mechanism, which will provide certain   convenience for the users to distinguish between the different column or row cells, especially when facing a large and long file.

User Story 55: Coloring Effect of Client Event Summary Jest Testing
   a. Points: 3
   b. Status: Implemented
   c. Summary: This story implements the JavaScript React Jest testing for the coloring effect of the cells in the client event summary which is by checking various switching testing cases.

User Story 56: Sorting Mechanism of Client Event Summary
   a. Points: 3
   b. Status: Implemented
   c. Summary: This story implements the sorting mechanism of the client event summary which allows the user to sort the corresponding columns in the summary table.

User Story 57: Sorting Mechanism of Client Event Summary testing
   a. Points: 3
   b. Status: Implemented
   c. Summary: This story implements the testing of sorting mechanism of the client event summary which allows the user to sort the corresponding columns in the summary table.

User Story 58: Update Email feature
   a. Points: 2

b. Status: Completed
   c. Summary: The email feature was implemented successfully.

User Story 59: Removed 'Guests Committed' from Events page
   a. Points: 3
   b. Status: Completed
   c. Summary: The client wanted to remove the 'guests committed' column from the events page and was implemented successfully.

User Story 60: Remove 'Guests Committed' from New Guests Page
   a. Points: 3
   b. Status: Completed
   c. Summary: The client wanted to remove the 'guests committed' column from the new guests page and was implemented successfully.

User Story 61: Add a 'Section' column to Seats
   a. Points: 5
   b. Status: Completed
   c. Summary: The client wanted to add a 'Sections' column to the new seats page and was implemented successfully.

User Story 62: Add a 'Section' column to Guests
   a. Points: 5
   b. Status: Completed
   c. Summary: The client wanted to add a 'Sections' column to the new guests page and was implemented successfully.

User Story 63: Debugged App Deployment
   a. Points: 5
   b. Status: Completed
   c. Summary: The app deployment issue in EventNXT was fixed and the app was deployed successfully.

User Story 64: React Tests for 'Component/User' - Coverage 75%
   a. Points: 2
   b. Status: Completed
   c. Summary: Finish React tests on 'Component/User' that last semester's team did not finish.

User Story 65: Write Header React Tests
   A. Points: 2
   B. Status: Completed
   C. Summary: Finish React tests that last semester team did not finish

User Story 66: Write location Filter React Tests
   A. Points: 2
   B. Status: Completed
   C. Summary: Finish React tests that last semester team did not finish

User Story 67: Write Is paid Tests
  A. Points: 2
  B. Status: Completed
  C. Summary: Finish React tests that last semester team did not finish

User Story 68: Write Category Filter React Tests
  A. Points: 2
  B. Status: Completed
  C. Summary: Finish React tests that last semester team did not finish

User Story 69: Sign Out Feature for CastNXT
  A. Points: 5
  B. Status: Completed
  C. Summary: Implement logout feature that signs you out of all the apps

User Story 70: Write a Cross-Origin Resource Sharing Method
  A. Points: 2
  B. Status: Completed
  C. Summary: For CastNXT, we needed to write a cross-origin resource sharing method to allow CastNXT to call the events360 logout page to sign you out.

User Story 71: Update Header Tests After Sign Out Feature
  A. Points: 2
  B. Status: Completed
  C. Summary: After implementing the sign out feature had to go back and adjust the header react tests.

User Story 53: Implement Email Notification when Update Decks is Pressed
  A. Points: 4
  B. Status: Completed
  C. Summary: Implemented the code to trigger a method that does the email notification but did not have time to debug it.

User Story 72: Add "image" attribute to form
    Points: 4
    Status: Completed
    Summary: Modify the data structure(model) of the form, that is, add "image" attribute to the model

User Story 73: Add image upload option
    Points: 3
    Status: Completed
    Summary: Make the "AdminCreateEvent" page's "Form Preview" has the image upload option (pure front-end, because it's just a review)

User Story 74: Add image upload support
    Points: 4
    Status: Completed
    Summary: Make the "UserEventRegistration" page support the image upload feature

User Story 75: Make images visible
      Points: 4
      Status: Completed
      Summary: Make the image visible for client's selecting page and Admin's view page (3 pages in totally)

User Story 76: React testing for the AdminEventSummary.js components paymelink testing
    a. Points: 1
    b. Status: Implemented
    c. Summary: The story implements the React testing for the AdminEventSummary.js components paymelink testing.

User Story 77: React testing for the AdminUserTable.js components paymelink testing
    a. Points: 1
    b. Status: Implemented
    c. Summary: The story implements the React testing for the AdminUserTable.js components paymelink testing.

User Story 78: React testing for the AdminEventSummary.js components csv file generating testing
    a. Points: 1
    b. Status: Implemented
    c. Summary: The story implements the React testing for the AdminEventSummary.js components csv file generating testing.

User Story 79: React testing for the AdminUserTable.js components csv file generating testing
    a. Points: 1
    b. Status: Implemented
    c. Summary: The story implements the React testing for the AdminUserTable.js components csv file generating testing.

User Story 85: 'Manage Seating Levels' was updated to display the Sections Column
    a. Points: 5
    b. Status: Completed
    c. Summary: 'Manage Seating Levels' were updated to display the Sections column successfully.

User Story 86: Seating Summary was updated to display the Sections Column
    a. Points: 5
    b. Status: Completed
    c. Summary: 'Seating Summary' was updated to display the Sections Column successfully.

User Story 87: Create a new section in "Add New Seats"
    a. Points: 5
    b. Status: Completed
    c. Summary: The user can now successfully add sections when creating a new seat.

User Story 88: Display the new seating summary based on categories and section
    a. Points: 5
    b. Status: Completed

    c.   Summary: New seating summary based on categories and section was implemented successfully.

User Story 89: react test for components/admin
    a.   Points: 8
    b.   Status: Completed
    c.   Summary: react test for components/admin above 90%

User Story 90: Debugged App Deployment in CastNXT
    a.   Points: 5
    b.   Status: Completed
    c.   Summary: The app deployment issue in CastNXT was fixed and the app was deployed successfully.

Sprint 4 - Backlog:

User Story 80: Debug email notification when button update decks is pressed
    A.   Points: 4
    B.   Status: Incomplete
    C.   Summary: Need to debug why the email notification would not send when the button update decks is pressed. Ran out of time.

User Story 81: Write Signout Cucumber tests
    A.   Points: 2
    B.   Status: Incomplete
    C.   Summary: Need to write cucumber tests for the sign out feature.

User Story 82: Write Signout RSPEC tests
    A.   Points: 2
    B.   Status: Incomplete
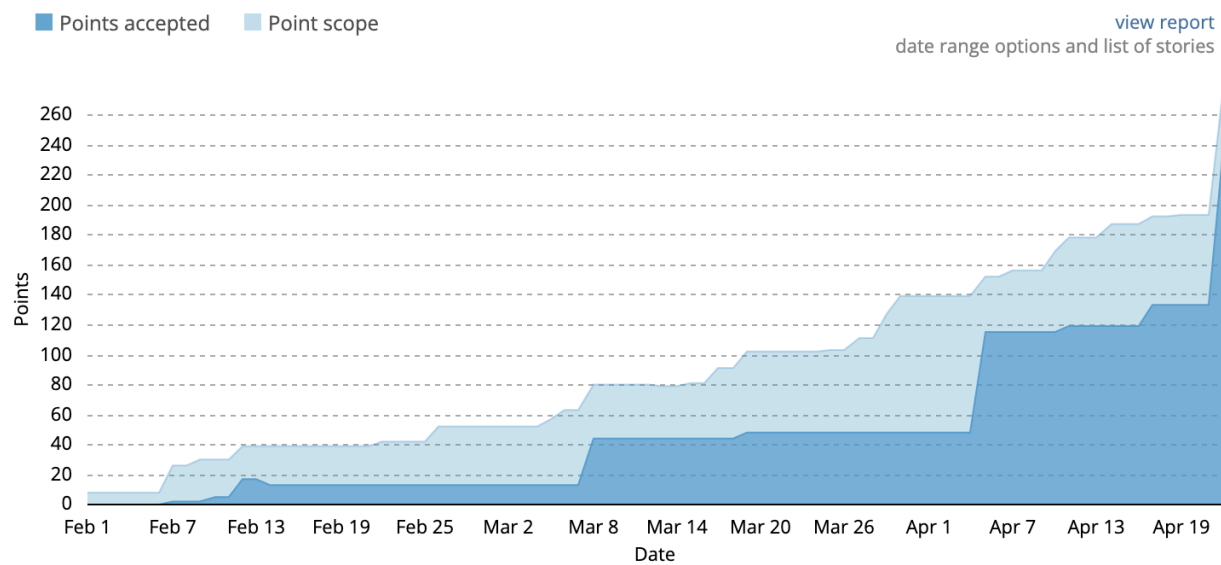   C.   Summary: Need to write rspec tests for the sign out feature.

User Story 83: Write Email Notification when button update decks is pressed Cucumber tests
    A.   Points: 2
    B.   Status: Incomplete
    C.   Summary: Need to write cucumber tests for the email notification feature.

User Story 84: Write Email Notification when button update decks is pressed RSPEC tests
    A.   Points: 2
    B.   Status: Incomplete
    C.   Summary: Need to write rspec tests for the email notification feature.

Sprint 4 - Burn down Chart:

■ Points accepted ■ Point scope

Sprint 4 - Design Diagrams:

Column coloring

Preference	Name	Gender	Email	DOB
1	ABC	M	abc@example.com	04-05-2024
2	XYZ	M	xyz@example.com	04-05-2024

Sprint 4 - Customer Interaction:
We were able to demo working features to Tito that he wanted except for the email notification when the button update decks button was pressed. He also wanted us to go back to PlaNXT to implement the slider for the 3D feature but we had no time as this was a very complicated task for us.

Sprint 4 - Evaluations and Tests:
Link to CastNXT Code Climate: https://codeclimate.com/github/CSCE-606-Event360/CastNXTs24
Link to EventNXT Code Climate:
https://codeclimate.com/github/CSCE-606-Event360/Spring2024EventNXT

Tests:

File ▲		Statements ⇕		Branches ⇕		Functions ⇕		Lines ⇕	
components/Admin		90.24%	111/123	76.78%	43/56	82.85%	29/35	89.91%	107/119
components/Client		80.28%	114/142	61.36%	27/44	64.7%	33/51	82.35%	112/136
components/Filter		66.66%	14/21	100%	0/0	50%	5/10	66.66%	14/21
components/Forms		90.62%	29/32	90%	9/10	87.5%	7/8	90%	27/30
components/Navbar		77.77%	7/9	100%	0/0	60%	3/5	75%	6/8
components/Shared		90.47%	38/42	100%	0/0	73.33%	11/15	90.47%	38/42
components/User		75%	78/104	67.24%	39/58	64.28%	18/28	74.5%	76/102
utils		95.83%	46/48	78.57%	11/14	90%	9/10	97.82%	45/46