Sprint 4 MVP

Team Roles:
Product Owner: Surya Cherukuri
Scrum Master: Parth Tusham

Links:

Heroku: https://eventnxt-fall2024-dev-67890e38df3f.herokuapp.com/
Linear: https://linear.app/eventnxt/team/EVE/all
GitHub: https://github.com/FashioNXT/EventNXT-Fall2024/tree/dev
Slack: https://app.slack.com/client/T07MYFJ1213/C07MYFJ2MAR

Weekly Customer Meetings

Date: 13 Nov 2024 | Time: 2:00 PM | Google Meet

During the meeting, we discussed progress on key features and kept the client informed about updates. The main focus was on UI improvements, spreadsheet and Eventbrite functionality, and associated RSpec and Cucumber tests. The team also worked on tasks such as completing deployment documentation, email summary management with duplicate handling, referral reward deduplication, and adding functionality for template selection and sending emails. It was decided to host the application to allow testing by all team members and the client for final sign-off, ensuring progress across all critical areas of the project.

Sprint Goal & Sprint Backlog

Enhance the event management application by optimizing file upload functionalities, streamlining email referral handling with robust duplication checks, and implementing intuitive UI updates for RSVP invitations and template management. Additionally, integrate external APIs like Rotten Tomatoes and Tickettomato to enrich event data, and ensure seamless deployment on Heroku for smooth operational flow. With a strong focus on efficiency and user experience, the project progressed with no backlog, reflecting the team's commitment to delivering high-quality results on schedule.

User Stories (Sprint 4 - Plan)

1. **Feature: Event Avatar Upload**
   - **As a user**
   - **I want** to upload an event avatar in .jpg or .png format, with a file size not exceeding 20 MB.
   - **So that** it displays on the UI with a condensed, web-friendly resolution under 100 KB for optimal performance.
   - **Acceptance Criteria:**
     - The image should display on selection in the UI.
     - The resolution should be condensed to under 100 KB.

2. **Feature: Event Box Office File Upload**
   - **As a user**
   - **I want** to upload a Box Office file in .xlsx or .csv format.
   - **So that** the uploaded file is restricted to a maximum of 100 MB.
   - **Acceptance Criteria:**
     - Only .xlsx and .csv files should be accepted.
     - File size limit should be enforced.

3. **Feature: Guest Data Upload Validation with Sample Spreadsheet Download**
   - **As an event organizer**
   - **I want** to download a sample spreadsheet and receive validation messages when uploading guest data.
   - **So that** I can ensure that the uploaded file has the correct column headers and required data.
   - **Acceptance Criteria:**
     - A "Download Sample Spreadsheet" button is present under the UPLOAD GUESTS tab, allowing organizers to download a template with required headers, such as "Name," "Email," and "Section."
     - If certain required columns, like "Section," have empty values in the uploaded .xlsx or .csv file, display a notification:
       - **Notification Message:** "Some columns must contain non-empty data, such as 'Section.' Please ensure these columns are filled before uploading."
     - The instructional text under the UPLOAD GUESTS tab reads: "The uploaded spreadsheet must have the same column headers as shown in the sample spreadsheet above."

4. Feature: Referral Reward Deduplication

- **As an event organizer**
- **I want** the referral reward column to filter duplicate emails.
- **So that** each referred email is listed only once.
- **Acceptance Criteria:**
    - No duplicate emails in the referral reward column.
    - Emails shouldn't be displayed side by side if multiple people are referred at once.

5. Feature: Sent Email Summary - Duplicate Handling

- **As an event organizer**
- **I want** the application to alert when sending a referral to an email address that has already received the referral from the same guest.
- **So that** I can prevent duplicate referrals while allowing the option to resend from the sent email list.
- **Acceptance Criteria:**
    - Duplicate email alerts in the sent email summary.
    - Option to resend from the email list.

6. Feature: RSVP Invitation HTML Removal

- **As an event organizer**
- **I want** to prevent HTML elements from displaying in RSVP invitations.
- **So that** the invitation looks clean and user-friendly.
- **Acceptance Criteria:**
    - No HTML elements in the RSVP invitation.

7. Feature: Email Template Management

- **As an event organizer**
- **I want** the email template options hidden by default.
- **So that** I only see the "MODIFY Template" button until clicking to view editing options.
- **Acceptance Criteria:**
    - "MODIFY Template" button is visible.
    - Template editing options (EDIT/DELETE/ADD) appear upon clicking.

8. Feature: Ticket Type Reporting Parsing

- **As an event organizer**
- **I want** the app to parse ticket types accurately by separating Category and Section into distinct fields.
- **So that** reports display organized data without requiring manual edits.
- **Acceptance Criteria:**
    - Category and Section parsed correctly.

9. **Feature: Email Service Bulk Send**
   - **As an event organizer**
   - **I want** to send multiple emails simultaneously via the email service.
   - **So that** I can efficiently reach multiple contacts.
   - **Acceptance Criteria:**
     - Multiple emails are to be sent in one batch.

10. **Feature: Rotten Tomatoes & Tickettomato.com API Integration**
   - **As an event organizer**
   - **I want** to integrate with Rotten Tomatoes and Tickettomato APIs within the app.
   - **So that** event-related information can be enriched with external data.
   - **Acceptance Criteria:**
     - Successful integration and retrieval of API data.

11. **Feature: Eventbrite Integration & Heroku Deployment**
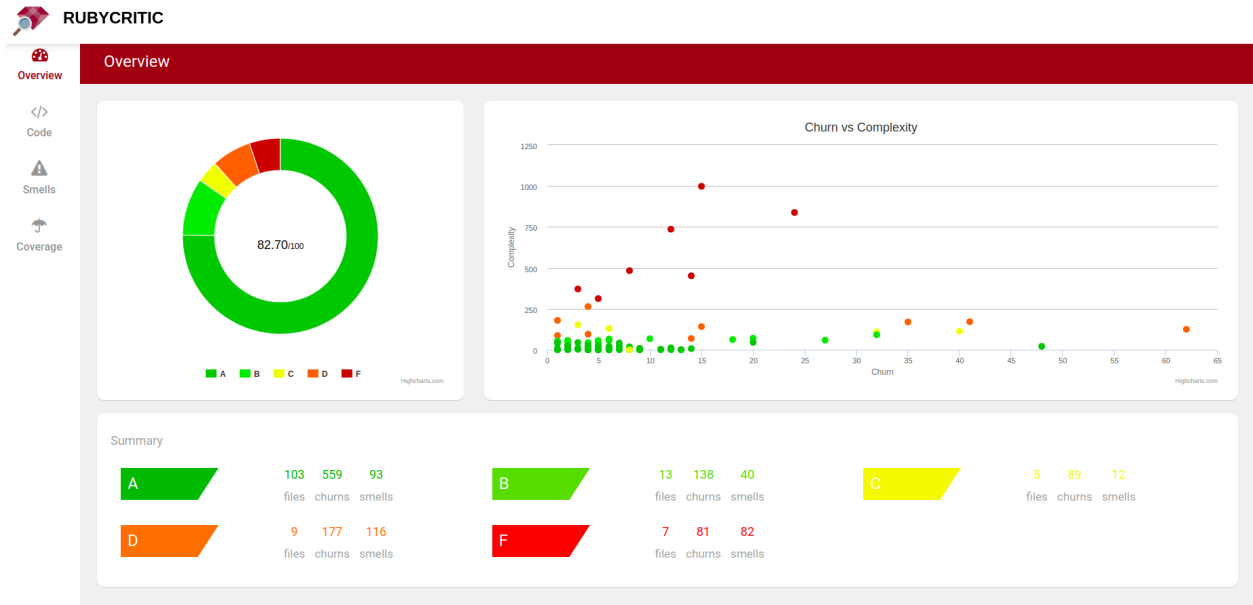   - **As an event organizer**
   - **I want** to connect my Eventbrite account and ensure seamless Heroku deployment.
   - **So that** Eventbrite events synchronize with the application and deployments proceed without issues.
   - **Acceptance Criteria:**
     - Eventbrite integration working.
     - Successful Heroku deployment.

Test Coverage

```
Finished in 12.24 seconds (files took 7.92 seconds to load)
233 examples, 0 failures

Coverage report generated for RSpec to /eventnxt/coverage. 787 / 860 LOC (91.51%) covered.
```

Code Quality

Overview

Overview

82.70/100

■ A ■ B ■ C ■ D ■ F

Churn vs Complexity

Highcharts.com

Summary

		files	churns	smells
A		103	559	93
B		13	138	40
C		5	89	12
D		9	177	116
F		7	81	82

Code Style

```
Inspecting 80 files
..................................................................

80 files inspected, no offenses detected

Tip: Based on detected gems, the following RuboCop extension libraries might be helpful:
  * rubocop-capybara (https://rubygems.org/gems/rubocop-capybara)
  * rubocop-factory_bot (https://rubygems.org/gems/rubocop-factory_bot)
  * rubocop-rails (https://rubygems.org/gems/rubocop-rails)
  * rubocop-rspec_rails (https://rubygems.org/gems/rubocop-rspec_rails)

The following RuboCop extension libraries are installed but not loaded in config:
  * rubocop-rspec
```

BDD & TDD

```
  when the tickets source is spreadhsheet,
    import tikcet_sales data
    validates ticket_sales data
    returns a success response
  when the ticket source is eventbrite,
    no external_id params provided
      only show list of external events
    with external_event_id set in the database
      show list of external events and ticket sales
      validates ticket_sales data
    with external_event_id set in the params but not set in the db
      updates the event with new external_event_id
      show list of external events and ticket sales
      validates ticket_sales data
    with external_event_id in the params different from the one in the db
      updates the event with new external_event_id
      show list of external events and ticket sales
      validates ticket_sales data
    when there is an error message from eventbrite_service
      sets an alert flash message with the error
      assigns the empty ticket_sales
```

```
TicketSalesValidatorService
  #validate
    when ticket_sales is nil
      does not call #validate_category_section
    when ticket_sales is empty
      does not call #validate_category_section
    when ticket_sales is not nil and not empty
      calls #validate_category_section
  #validate_category_section
    when all ticket sales have valid categories and sections,
      does not add any flags
    when ticket sales have invalid categories or sections,
      adds the INVALID_CATEGORY_SECTION flag to invalid ticket sales
    when ticket sales have a mix of valid and invalid categories or sections
      adds the INVALID_CATEGORY_SECTION flag only to invalid sales
```