Sprint 4 Plan

Team Roles:

- **Product Owner:** Cherukuri Venkata Surya Krishna
- **Scrum Master:** Parth Tusham

Sprint Goal:
Enhance the event management application by focusing on file upload functionalities, improved email referral handling, UI updates for RSVP and template management, API integrations, and facilitating seamless deployment on Heroku.

User Stories

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 organisers 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 I refer multiple people 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 click 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.

Task Distribution Table for Sprint 4

Developer	User Stories	Story Points	Estimated Time
Ming	Rotten Tomatoes & Tickettomato API Integration	3	3 hours
	Eventbrite Integration & Heroku Deployment	4	4 hours
	Ticket Type Reporting Parsing	3	3 hours
Total		**10**	**10 hours**
Gautam	RSVP Invitation HTML Removal	3	2 hours
	Event Box Office File Upload	3	3 hours
	Guest Data Upload Validation with Sample Spreadsheet Download	4	4 hours
Total		**10**	**10 hours**
Rishabh	Email Template Management	3	3 hours
	Referral Reward Deduplication	3	3 hours
	Sent Email Summary - Duplicate Handling	3	3 hours
Total		9	**9 hours**
Kiara	Event Avatar Upload	3	3 hours
	Email Service Bulk Send	4	4 hours
Total		**7**	**7 hours**

Overall Totals:

- **Total Story Points:** 36
- **Total Estimated Time:** 36 hours

Resources:

- 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