**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."

1. **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
2. **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.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **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 | 3 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>