

ENTRANTS					
User Code	User Story	Acceptance Criteria	Size (Story Points)	Risk Level	Completed Half-Way
US 01.01.01	As an entrant, I want to join the waiting list for a specific event	Allow entrant to view an event. Provide a join waitlist action. Store entrant on the event waitlist and event on participation history. Prevent duplicate entries. Confirm successful registration.	5 Medium		<input type="checkbox"/>
US 01.01.02	As an entrant, I want to leave the waiting list for a specific event	Allow entrant to view joined events. Provide a leave waitlist action. Remove entrant from waitlist. Confirm removal.	3 Low		<input type="checkbox"/>
US 01.01.03	As an entrant, I want to be able to see a list of events that I can join the waiting list for.	Retrieve available events. Display event list. Show basic event details. Update list in real time.	2 Low		<input type="checkbox"/>
US 01.01.04	As an entrant, I want to filter events based on my interests and availability.	Provide filtering options based on event data. Apply selected filters. Update displayed event list.	3 Low		<input type="checkbox"/>
US 01.02.01	As an entrant, I want to provide my personal information such as name, email and optional phone number in the app	Provide personal information form. Validate required fields. Store entrant information securely.	5 Medium		<input type="checkbox"/>
US 01.02.02	As an entrant, I want to update information such as name, email and contact information on my profile	Display editable personal information. Validate updates. Store updated information.	3 Low		<input type="checkbox"/>
US 01.02.03	As an entrant, I want to have a history of events I have registered for, whether I was selected or not.	Store participation history. Display past events. Show event status.	2 Low		<input type="checkbox"/>
US 01.02.04	As an entrant, I want to delete my profile if I no longer wish to use the app.	Provide delete account option. Confirm deletion action. Remove user data.	3 Medium		<input type="checkbox"/>
US 01.04.01	As an entrant, I want to receive notification when I am chosen to participate from the waiting list (when I "win" the lottery)	Send notification when entrant is selected. Display notification message. Store notification status.	5 Medium		<input type="checkbox"/>
US 01.04.02	As an entrant, I want to receive notification when I am not chosen on the app (when I "lose" the lottery)	Send notification when entrant is removed. Display notification message. Store notification status.	3 Low		<input type="checkbox"/>
US 01.04.03	As an entrant, I want to opt out of receiving notifications from organizers and admins	Provide notification settings. Allow disabling notifications. Save preferences.	5 Low		<input type="checkbox"/>
US 01.05.01	As an entrant, I want another chance to be chosen from the waiting list if a selected user declines an invitation to sign up.	Detect cancellation. Trigger replacement draw. Notify new entrant (US 01.04.01).	8 High		<input type="checkbox"/>
US 01.05.02	As an entrant, I want to be able to accept the invitation to register/sign up when chosen to participate in an event.	Notify entrant of offer. Provide accept action. Confirm acceptance. Update participant status.	3 Low		<input type="checkbox"/>
US 01.05.03	As an entrant, I want to be able to decline an invitation when chosen to participate in an event.	Notify entrant of offer. Provide decline action. Confirm rejection. Update participant status. Trigger replacement draw. Notify new entrant (US 01.04.01).	5 Medium		<input type="checkbox"/>
US 01.05.04	As an entrant, I want to know how many total entrants are on the waiting list for an event.	Display response deadline. Enforce deadline expiration.	3 Low		<input type="checkbox"/>
US 01.05.05	As an entrant, I want to be informed about the criteria or guidelines for the lottery selection process.	Detect expired response. Update entrant status. Send notification (US 01.05.03).	3 Low		<input type="checkbox"/>
US 01.06.01	As an entrant, I want to view event details within the app by scanning the promotional QR code.	Enable QR scanning. Retrieve event data. Display event details.	5 Medium		<input type="checkbox"/>
US 01.06.02	As an entrant, I want to be able to be sign up for an event by from the event details.	Scan QR code. Provide join waitlist action. Store entrant on the event waitlist and event on participation history. Prevent duplicate entries. Confirm successful registration.	3 Low		<input type="checkbox"/>
US 01.07.01	As an entrant, I want to be identified by my device, so that I don't have to use a username and password.	Request device location. Compare against event requirement. Allow or deny entry.	8 High		<input type="checkbox"/>

ORGANIZER					
User Code	User Story	Acceptance Criteria	Size (Story Points)	Risk Level	Completed Half-Way
US 02.01.01	As an organizer, I want to create a new event and generate a unique promotional QR code that links to the event description and event poster in the app.	Allow start and end dates. Enforce registration period.	3 Low		<input type="checkbox"/>
US 02.01.04	As an organizer, I want to set a registration period.	Retrieve waitlist entries. Display entrant list.	2 Low		<input type="checkbox"/>
US 02.02.01	As an organizer, I want to view the list of entrants who joined my event waiting list	Display current draw state. Show filled and remaining spots.	3 Low		<input type="checkbox"/>
US 02.02.02	As an organizer, I want to see on a map where entrants joined my event waiting list from.	Provide geolocation toggle. Save setting. Enforce when enabled.	5 Medium		<input type="checkbox"/>
US 02.02.03	As an organizer, I want to enable or disable the geolocation requirement for my event.	Allow optional requirement selection. Validate entrant location.	5 Medium		<input type="checkbox"/>
US 02.03.01	As an organizer, I want to OPTIONALLY limit the number of entrants who can join my waiting list.	Allow image upload. Validate image format. Store image.	3 Medium		<input type="checkbox"/>
US 02.04.01	As an organizer, I want to upload an event poster to the event details page to provide visual information to entrants.	Allow image replacement. Update stored image.	3 Low		<input type="checkbox"/>
US 02.04.02	As an organizer, I want to update an event poster to provide visual information to entrants.	Compose notification message form. Send to entrants.	3 Low		<input type="checkbox"/>
US 02.05.01	As an organizer, I want to send a notification to chosen entrants to sign up for events. (This is the notification that they "won" the lottery)	Allow capacity input. Enforce participant limit.	3 Low		<input type="checkbox"/>
US 02.05.02	As an organizer, I want to set the system to sample a specified number of attendees to register for the event.	Trigger draw action. Randomly select entrants. Record results.	8 High		<input type="checkbox"/>
US 02.05.03	As an organizer, I want to be able to draw a replacement applicant from the pooling system when a previously selected applicant cancels or rejects the invitation.	Retrieve selected entrants. Display list.	2 Low		<input type="checkbox"/>
US 02.06.01	As an organizer, I want to view a list of all chosen entrants who are invited to apply.	Retrieve ordered waitlist. Display positions.	3 Low		<input type="checkbox"/>
US 02.06.02	As an organizer, I want to see a list of all the cancelled entrants.	Display confirmed participants. Lock finalized list.	3 Low		<input type="checkbox"/>
US 02.06.03	As an organizer, I want to see a final list of entrants who enrolled for the event.	Provide cancel action. Notify entrants. Update event status.	5 Medium		<input type="checkbox"/>
US 02.06.04	As an organizer, I want to cancel entrants that did not sign up for the event	Generate export file. Download data.	8 High		<input type="checkbox"/>
US 02.06.05	As an organizer, I want to export a final list of entrants who enrolled for the event in CSV format.	Send acceptance notifications. Confirm delivery.	3 Low		<input type="checkbox"/>
US 02.07.01	As an organizer, I want to send notifications to all entrants on the waiting list	Send rejection notifications. Confirm delivery.	3 Low		<input type="checkbox"/>
US 02.07.02	As an organizer, I want to send notifications to all selected entrants	Send waitlist notifications. Confirm delivery.	3 Low		<input type="checkbox"/>
US 02.07.03	As an organizer, I want to send a notification to all cancelled entrants				<input type="checkbox"/>

ADMIN					
User Code	User Story	Acceptance Criteria	Size (Story Points)	Risk Level	Completed Half-Way
US 03.01.01	As an administrator, I want to be able to remove events.	Select event. Delete event. Update system records.	8 High		<input type="checkbox"/>
US 03.02.01	As an administrator, I want to be able to remove profiles.	Select entrant. Remove user. Update current event lists.	8 High		<input type="checkbox"/>
US 03.03.01	As an administrator, I want to be able to remove images.	Select organizer. Remove access. Update permissions and current event lists.	8 High		<input type="checkbox"/>
US 03.04.01	As an administrator, I want to be able to browse events.	Retrieve event list. Display details.	2 Low		<input type="checkbox"/>
US 03.05.01	As an administrator, I want to be able to browse profiles.	Retrieve entrant list. Display profiles.	2 Low		<input type="checkbox"/>
US 03.06.01	As an administrator, I want to be able to browse images that are uploaded so I can remove them if necessary.	Retrieve organizer list. Display profiles.	2 Low		<input type="checkbox"/>
US 03.07.01	As an administrator, I want to remove organizers that violate app policy.	Select organizer. Revoke role. Update permissions.	5 Medium		<input type="checkbox"/>
US 03.08.01	As an administrator, I want to review logs of all notifications sent to entrants by organizers.	Retrieve logs. Display chronological records.	5 Medium		<input type="checkbox"/>

ACTIONS		
Action #	Action	Description
A1	Create/update event form	Validate inputs. Add/modify to event database.
A2	View events (with filter)	Query event database. Display info.
A3	View event	Query event database. Display info. From view events or QR code scan.
A4	Remove event	Remove from events database.
A5	Join waitlist	Add to event waitlist, add to entrant waitlist.
A6	Leave waitlist	Remove from event waitlist, remove from entrant waitlist.
A7	Add/update user information	Validate inputs. Add/modify to entrants database.
A8	View entrants information	Query entrants database. Display info.
A9	Draw entrant(s)	Randomly query event waitlist. Notify entrant(s). Set expiry time.
A10	Accept spot	Move entrant from event waitlist to confirmed participants. Notify entrant.
A11	Decline spot	Remove entrant from event waitlist. Notify entrant.
A12	Verify location	Validate device location.
A13	Send notifications form	Validate message. Send to recipients.
A14	Remove user	Remove user from correct database (entrants, organizers, administrators)
A15	View users	Query correct database (entrants, organizers, administrators)
A16	Add/update users	Add/modify correct database (entrants, organizers, administrators)
A17	Export participant data	Query event database for participants, Query entrants database for info. Export info.

DATABASES		
Database #	Database	Description
D1	Events	ID (for QR code), date, time, confirmed participants, waitlist, image, geolocation requirements, registration window, capacity
D2	Entrants	ID, name, personal info (email, phone, birthday, etc), attended event history, current waitlisted events, notification settings
D3	Organizers	ID, name, personal info (email, phone, birthday, etc), organized event history, current organized events, privileges
D4	Administrators	ID, name, personal info (email, phone, birthday, etc)
D5	System Logs	System log, date, time