Enrollment	FacilityProfile	GeolocationService	Image	LotterySystem
Responsibilities: - Enrollment Tracking: 1. Recard when purtants accept invitations and enroll in events. - Siatus Management: 1. Update enrollment statuses. + Participant List Generation: 1. Provide organizers with the final list for enroll entrants (US 02.06.03).	Responsibilities: + Farility Information Management: 1. Store and update facility details for organizers (US 02.01.03). + Pener, Association: 1. Link events to specific facilities for bester organization. + Policy Compliance: 1. Ensure facility information adheres to app policies.	Responsibilities: + Location Verification: 1. Collect and verify entrants' geolocation data when required (US 01.08.01). + Data Management: 1. Securely store geolocation information provided by devices. + Mapping and Visualization: 1. Provide organizers with maps showing where entrants joined waiting lists from (US 02.02.02).	Responsibilities: + Image Storage and Retrieval: 1. Store images such as event posters and profile pictures. 2. Provide access to images for display in the app. 1 Image Management: 1. Handle uploading, updating, and deleting images (US 02.04.01, US 02.04.02), + Policy Compliance: 1. Work with administrators to remover images that app policies (US 03.03.01).	Responsibilities: + Random Samplang: 1. Random Samplang: 1. Random Samplang: 1. Draw replacement pilicants when previously selected entrants cancel or decline invitations (US 02.05.02). + Turness and Transparency: 1. Entanct the burry process fair and unbiased. 2. Provide logs or records of the lottery process for auditing.
Cullaborators: Emmant People can enroll events participandly. Event: Event for which enrollment is tracked. Organizer: Manageing the enroll participants.	Collaborators: - Organizer: Creates and manages facility profiles. - Event: Associates events with facility profiles. - Administrator: Monitors facilities for policy compilance (US 03.07.01).	Collaborators: + Entrant: Provides location data when joining waiting lists. + Event: Determines if geolocation is required for participation. + Organizer: Views geolocation data for management purposses.	Collaborators: - Event: Storns and retrieves event paster images. - Profile: Manages user profile pictures. - Administrator: Coordinates on image removal when necessary.	Collaborators: +WaitingList: Receives currant data for sampling. + Entrant: Notifies entrants of their selection status. + Opprature: Works with Oppratuses to initiate lotheries. + Notification: Seeds our lothery result notifications.
Responsibilities: + QR Code Generation: 1. Generate unique QR codes for event (US 02.61.01). 2. Foode event-specific data into the QR code. + Harak Management: 1. Store hashed data of generated QR codes in the database (US 02.01.02). 2. Make sure and accurate linkage between QR codes and event data. + Scanning and Validation: 1. Facilitate scanning for QR code by enrants (US 01.06.01, US 01.06.02). 2. Validate QR codes to provide correct event details.	Responsibilities: + Norification Delyvey: 1. Send norifications to users for various events (US 01.04.01, US 01.04.02). 2. Deliver norifications for lotter results, event updates, and nanizer, essage. + Preference Managements for receiving notifications (US 01.04.02). 2. Allow users to up in or out of specific types of notifications. + Iracking: 1. Keep records of notifications sent and their statuses.	Responsibilities 1 Lation Management: 1. Add canants when people join the writing list (US 01.01.01); 2. Remove entrains when people leave the writing list (US 01.01.02); 5 Status Tracking. 1. Update statuses on lottery woulds and entrain actions. 1. Catery Interaction: 1. Provide entrain that on Lottery-bystem for sampling. 2. Update writing list on lottery outcomes.	Responsibilitities: + Event Derails Management: 1. Since event details. For example, title, description, dates, price, and capacity. 2. Manage event protein images (U.S. 0.2.0.0). US (0.2.0.0.0). 3. Generate and half during CR endes (US 0.2.0.0). 1. Maintain waiting list for interested entraints (US 0.2.0.2.0). 2. Track entrain statuses. 4. Geolocation Regulariments: 1. Able or disable geolocation verification for the event (US 0.2.0.2.03). 2. If require, regulariments: 1. Literapire, regulariments: 2. Literapire, regulariments: 3. Literapire, regulariments: 4. Literapire, regulariments: 1. Literapire, regulariments: 2. Literapire, regulariments: 3. Literapire, regulariments: 4. Literapire, regulariments: 1. Literapire, regulariments: 2. Literapire, regulariments: 3. Literapire, regulariments: 4. Literapire, regulariments: 1. Literapire, regulariments: 2. Literapire, regulariments: 3. Literapire, regulariments: 4. Literapire, regulariments: 5. Literapire, regulariments: 6. Literapire, regulariments: 1. Literapire, regulariments: 1. Literapire, regulariments: 2. Literapire, regulariments: 3. Literapire, regulariments: 4. Literapire, regulariments: 5. Literapi	Responsibilities: + Authoritication Management: 1. Handle user signed and signed processes. 2. Verity user definite social geories authoritication. 3. White-near blen fifted by their devices without user a semanars and possionals (US 01.07311). 1. Some and upone pressed all normatic prome, email, optional plane number) (US 01.03302). 2. Manage profile picture upload, venoval, or generation (US 01.03.01, US 01.03.02, US 01.03.03).
Collaburators: I Event OR codes are associated specific event. + Organizer: Generatus QR codes when creating event. I Entrant: Scans QR codes to access event information.	Collaborators: * User: Recipieus of multications. * Event: Murifications often relate to specific events. * Organizer: Initiates multications to cumans. * Administrator: May send system-wide mutifications if necessary.	Collaborators: + Event: Associated with events. 1 Entrant People can join the waiting list. + Lottery/System: Works with the system to perform latteries.	Collaborators: + Originizer: Created and managed by organizers. + Waiting last: Manages entrants wilting for event participation. + QRCode: Associates QR code wit events. + LotterySystem: Utilizes for selecting entrants during lotteries. + GeolocationService: Handles geolocation verification if enabled.	Collaborators: - Profile: Mangaging user information and profile pictures. - Norification, Send and manages isotheration in users. - Kovens: Lisers interests with events based on their indies.

Responsibilities: + Personal Information Storage:

1. Users could update their personal info and preferences.

+ User: Each profile is linked to a user account.
+ Image: Manages profile picture storage and retrieval.

1. Store user details such as name, email, and optional phone number (US 01.02.01, US 01.02,02). + Profile Picture Management:

1. Allow users to upload or remove profile pictures (US 01.03.01, US 01.03.02).

2. Generate deterministic profile pictures from profole names if none is uploaded (US 01.03.03).

+ Updates and Maintenance:

Responsibilities:
+ Waiting List Management:
1. Join the waiting list for specific events (US 01.01.01).
2. Leave the waiting list for specific events (US 01.01.02). Receive notifications when chosen or not chosen from the waiting list (US 01.04.01, US 01.04.02).
 Accept or decline invitations to register/sign up when selected (US 01.05.02, US 01.05.03).
 Get another chance if a selected user declines (US 01.05.01). View event details by scanning promotional QR codes (US 01.06.01).
 Sign up for event by scanning QR codes (US 01.06.02).
 + Geolocation Awareness: 1. Receive warnings before joining waiting lists that require geolocation (US 01.08.01). Collaborators:
+ Event: Interacts with events to join or leave waiting lists.
+ WaitingList: Manages the entrant's status within event waiting lists. + Notification: Receives notifications about lottery results and event updates. + QRCode: Scans QR codes to access event details and registration. + LotterySystem: Participates in the lottery process for event selection. + GeolocationService: Provides location data when required. Responsibilities:
+ Event Management:

1. Create new events and generate unique promotional QR codes (US 02.01.01).

2. Store hash data of generated QR codes in the database (US 02.01.02). 3. Update event posters and details (US 02.04.01, US 02.04.02).4. Create and manage facility profiles (US 02.01.03). + Waiting list oversight: View the list of enteants who joined event waiting lists (US 02.02.01).
 See where enteants joined waiting lists from on a map (US 02.02.02). 3. Enable or dusable geolocation requirements for events (US 02.02.03).
4. Optionally limit the number of entrants on waiting lists (US 02.03.01). 1. Set the system to sample a specified number of attendees (US 02.05.02). 2. Send notifications to chosen entrants to sign up (UP 02.05.01).
3. Draw replacement applicants when previously selected ones cancel or reject (US 02.05.03). + Participant Management: 1. View lists of chosen, cancelled, and enrolled entrants (US 02.06.01, US 02.06.02, US 02.06.03). 2. Cancel entrants that did not sign up (US 02.06.04). 1. Send notifications to all enteants on the waiting list, selected entrants, or cancelled entrants (US 02.07.01, US 02.07.02, US 02.07.03). Collaborators:

+ Event: Creates and manages event details.

+ WaitingList: Oversees entrants waiting for event participation.

+ Notfication: Sends out various notifications related to events and lotteries.

+ QRcode: Generates and manages QR codes for event promotion.

+ LotterySystem: Utilizes the system to perform lottery drawings.

+ GeolocationService: Manages geolocation requirements and data. + System Oversight:
1. Remove events (US 03.01.01).
2. Remove user profiles (US 03.02.01). 3. Remove images (US 03.03.01).
4. Remove hashed QR code data (US 03.03.02).
5. Remove facilities that violate app policy (US 03.07.01).
+ Data Browsing:
1. Browse events, profiles, and images (US 03.04.01, US 03.05.01, US 03.06.01).

Collaborators:
+ Event: Manages and removes events.
+ User: Manages and removes user profiles.
+ Image: Handles image-related tasks.
+ QRCode: Removes hashed QR code data.
+ Profile: Interacts with user profiles for management purposes.