Users

Entrant

Responsibilities	Collaborators
Joins and unjoins waiting lists	Event
Managse personal profile and information	ProfileManager
Registers for events	NotificationService
Accepts or declines invitation	QRCodeManager
Receives notifications	WaitingList
QR code interaction	
Device-based identification	

Organizer

Responsibilities	Collaborators
Creates and manages events(facilities)	Event
Generates QR code and stores hash data	LotterySystem
Sends notifications to entrants	NotificationService
Lottery management to select entrants	QRCodeManager
Manages and replaces entrants	WaitingList
Manages WaitList	ImageManager

Administrator

Responsibilities	Collaborators
Removes Events	Event
Removes Profiles	ProfileManager

Removes Images	ImageManager
Removes QR code data	QRCodeManager
Browses (events/profiles/images)	FacilityManager
Removes facilities that violate policy	

Event Management

Event

Responsibilities	Collaborators
Generates QR code for each event	Organizer
WaitList of Entrants who joined event	WaitingList
Updates and stores event posters	QRCodeManager
Maintains event detail (Description, Location, Registration period, and Capacity)	ImageManager
Handles capacity limits for events	NotificationService

WaitingList

Responsibilities	Collaborators
Adds/removes entrants	Event
Manages events capacity limits	Entrant
Maintains list of entrants for each event	LotterySystem
Provides list for lottery	

LotterySystem

Responsibilities	Collaborators
Randomly chooses number of entrants	Event

Redraws entries for entrants	Notification Service
	WaitingList
	Organizer

QRCodeManager

Responsibilities	Collaborators
Generates Promotional QR-code	Entrant
Stores Hash-Data	Organizer
Allows user to scan code to view or register	Administrator
Provides administrator hash removal capability	Event

NotificationService

Responsibilities	Collaborators
Sends notifications to entrants	Entrant
Lottery Result notification	Organizer
Event-update notification	Administrator
Cancellation notification	Event

ImageManager

Responsibilities	Collaborators
Uploads and stores event posters and profile pictures	Organizer
Updates event posters and profile pictures	Entrant
Allows administrators to remove images	Event

	Administrator

ProfileManager

Responsibilities	Collaborators
Stores and manages entrants/organizers profiles	Entrant
Allows profile updates	Administrator
Allows profile picture uploads and removals	ImageManager
	Administrator

FacilityManager

Responsibilities	Collaborators
Maintains facility data for events	Administrator
Allows administrators to remove facilities that violate policies	Event
	Organizer