

PROJECT PART 2							
CRC CARDS							
User		Entrant (extends User)		Organizer (extends User)		Geolocation	
Represents a user account	Notifications Event WaitList	Views available Events and history	Event WaitList Notifications QRcodes	Creates Events (incl QRcodes and Poster)	Event WaitList Notifications Images QRcodes Geolocation Lottery Invitation	Store Event location	Event
Stores user's information		Scans QRcodes to explore Events		Manages WaitList		Enable/Disable Entrant tracking	Entrant
Handles Notifications Preferences		Joins/Leaves WaitList		Condycts Lucky Draw		Verify user location during registration	Organizer
Unique Device identity		Recieves Event Notifications		Sends out Notifications			WaitList
Accepts/Declines invitations							
Admin (extends User)		Event		WaitList		Invitation	
Browse Events / Users (E & O) / Images	Event	Store Event Details	Entrant Organizer Admin WaitList Lottery Notifications Invitation Geolocation QRcode Images	Follow registration period	Event	Conatins all the Lottery winners	Event
Remove Events / Users (E & O) / Images	Entrant	Maintain WaitList registrations		Maintain Entrant's registration for Events	Entrant	Invites Entrants to attend the Event	Lottery
Remove Organizers that violate app policy	Organizer	Follow Geolocation settings		Track Entrant's location	Organizer		Entrant
Review Notification logs	Notifications	Contain QRcode and poster		Provide Dataset to Lottery Draw	Lottery	Tracks Invitation status (accepted / declined)	Organizer
	Images	Notify Final Draw Entrants		Enforcing Limits	Geolocation		
Lottery		Images		Notification		QRcode	
Randomly select Attendees from WaitList	Event	Allow Organizers to upload/update event information	Organizer Admin Event	Represent notification message data	Event Entrant	Link each Event to a unique QRcode	Event
Draw a replacement for each rejection	Entrant			Notify Entrants about Selection (Won/Lost)	Organizer	Validate scanned QRcodes	Organizer
Track selected & non-selected Entrants	Organizer			Allow Entrants to Accept/Decline Invitation	Lottery Invitation	Encode Event information	Entrant
	WaitList						
Browsed/Removed by Admin		Browsed by Entrants					
Database		NotificationLog		Filter		Popup	
Store and Maintain all App data	Event User	Store all Notifications sent out	Notifictaion Filter	Manage Filter parameters (preferences)	Event Entrant	Represents a pop-up in the app	User - Entrant, Organizer Admin
Interface with Firebase	Images	Store Notification Data (Time, Content)		Filter Events based on User's preferences	Search	Displays Action Messages	Event
Store Notifications history	NotificationLog	Allow Filter & Search				Prompts Confirmations for important selections	Notification Database
Export		ItemBar		Search		MenuItem	
Convert class objects to human-readable files	Event Entrant Organizer WaitList Invitation	Represents preview of specific types of items	Entrant Event MenuItem	Search on Events based on user's preferences	Event Entrant	Represents a menu item on the screen	User - Entrant, Organizer, Admin
	Must work with Filter			Filter	Handles menu item selection	MenuList	
	Queries data from Firebase and outputs results			SearchBar	Can contain buttons/controls	Event	
				Database	Execute selection operation	Notification	
SearchBar		MenuList		TextField		AdminConsole	
Triggers Search Operation	Search	Represent a list of items in a menu	Users - Entrant, Organizer, Admin MenuItem	Represent a text field on the screen	User - Entrant, Organizer, Admin	Provide control to administrators	Database
Displays Search Sectin on the App	Database TextField	Can contain several MenuItem		Contains immutable text	Popup		Events
			Can change depending on what text to show	SearchBar	Images		
				Notifications	NotificationLogs		
					Entrant		
					Organizers		