**Features**

 **User Authentication**:

* Login Screen: Allows users to log in.
* Register Screen: Allows new users to sign up.

 **Event Exploration**:

* Explore Events Screen: Displays an accordion-style list of event categories.
* Event Details: Shows details like date, start time, end time, location, group limit, and recurring type.
* "Today" Check: Indicates if an event is happening today.

 **QR Code Scanner for Events**:

* Camera Permissions: Requests access to the camera.
* Event Scanning: Allows users to scan QR codes for events.
* Event Verification Logic: Checks if the event has started, if the user has scanned already, and if there is space.
* Event Join Process: Adds the user to the event if conditions are met.

 **User Profile Management**:

* Badge Counter: Increases badge count in Firebase profile after successfully joining an event.
* Category Counter: Increases category count in Firebase profile when joining an event.

 **Records Page**:

* Displays only events the user has joined, using the same layout as the Explore Events screen.

 **Profile Page**:

* Logout Option: Allows users to log out.
* Badge Display: Shows badges sorted from highest to lowest, with icons and current scan counts.
* Category Display: Shows categories sorted from highest to lowest, with icons and current scan counts.

**Screens**  
A white paper with black text

Description automatically generated  
A screen shot of a tablet

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A screenshot of a phone

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A white rectangular form with black text

Description automatically generated

A white paper with text and a rectangle

Description automatically generated

A white rectangular object with a black square

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A white rectangular form with text

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A screen shot of a form

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A page with black text

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