

Player

QR Codes, Profile, Camera

- Create account
- Add QR code to account
- See all the QR codes in account
- Remove QR code from account
- See total sum of scores in account
- See total number of QR code scanned in the account
- See other player's profile

- QR Codes
- Profile
- Camera
- Game QR codes
- Storage
- Scoring
- Geolocation

QR code

Player

- Generate a QR code so that other players can scan this QR code to see player's game status.
- generate a QR code so that player can log in to another device with the same account.

- Player

Camera

Player

- Take photo of QR code

- Player

Profile

Player

- Set up a profile with unique username and contact information

- Player

Game QR Codes

- Scan QR codes
- Record a photo of location or object
- Record the geolocation of the location or object
- Comment on QR codes
- Browse QR codes that player own
- Browse QR codes that other player have scanned
- See other players who has scanned the same QR code

- Player
- Geolocation
- Privacy
- Owner
- Privacy
- Storage

Geolocation

- Show a map of nearby QR code

- Player
- Game QR Codes
- Searching
- Privacy

Storage

- Store game-wide players' information
- Store QR code images

- Player
- Scoring
- Owner
- Game QR Codes

Scoring

Points

- Show game-wide score of all players
- Estimate player's ranking for highest scoring unique QR code
- Estimate player's ranking for the total number of QR codes scanned.
- Estimate player's ranking for a total sum of scores of QR codes scanned.

- Player
- Storage
- Points

Points		Scoring
<ul style="list-style-type: none">• Calculate the score for the player		<ul style="list-style-type: none">• Scoring

Searching	
<ul style="list-style-type: none">• Search other player by username• Search nearby QR code by using geolocation	<ul style="list-style-type: none">• Geolocation• Storage

Privacy	
<ul style="list-style-type: none">• Decline recording geolocation• No record for actual code	<ul style="list-style-type: none">• Geolocation• Game QR Code

Owner	
<ul style="list-style-type: none">• Delete QR code that are bad• Delete players• Store big image locally	<ul style="list-style-type: none">• Storage• Game QR code