

1. Actors:
2. Glossary:
3. Player:

US 01.01.01

As a player, I want to add new QR codes to my account.

medium

US 01.02.01

As a player, I want to see what QR codes I have added to my account.

low

US 01.03.01

As a player, I want to remove QR codes from my account.

low

US 01.04.01

As a player, I want to see my highest and lowest scoring QR codes.

low

US 01.06.01

As a player, I want to see the total number of QR codes that I have scanned.

low

US 01.05.01

As a player, I want to see the sum of scores of QR codes that I have scanned.

low

US 01.07.01

As a player, I want to see other player's profiles

Hard: where to store player profiles

4. Game QR code:

US 02.01.01

As a player, I want to be able to scan QR codes and record a photo of the location or object, and the geolocation of the location or object.

Hard: need to learn how to use the libraries

US 02.02.01

As a player, I want to be able to comment on QR codes.

low

US 02.03.01

As a player, I want to be able to browse QR codes that other players have scanned.

hard

US 02.04.01

As a player, I want to see that other players have scanned the same QR code.

Hard: low priority

US 02.05.01

As a player, I want QR codes to have a unique human readable name.

hard: low priority

Need to decide on what system to use

US 02.06.01

As a player, I want to see a visual representation of a QR code relatively unique to that QR code.

Hard: low priority

Need to decide on what system to use

5. Player Profile:

US 04.01.01

As a player, I want a profile with a unique username and my contact information.

Hard

US 04.02.01

As a player, I do not want to log into my application using a username and password as my device can identify me.

hard

6. Searching:

US 05.01.01

As a player, I want to search for other players by username.

hard

US 05.02.01

As a player, I want to search for nearby QR codes by using geolocation.

hard

7. Location:

US 06.01.01

As a player, I want to see a map of geo-locations of nearby QR codes.

hard

8. Scoring:

US 07.01.01

As a player, I want to see game-wide high scores of all players.

hard

US 07.02.01

As a player, I want an estimate of my ranking for the highest scoring unique QR code.

hard

9. Privacy:

US 08.01.01

As a player, I don't want the actual code recorded. E.g., so I can scan and score my vaccine passport.

hard

US 08.02.01

As a player, I want to be able to decline recording geolocation for privacy reasons.

Medium to low

10. Owner:

US 09.01.01

As an owner, I don't want to store big images online.

hard

Possible Classes:

- Player
- QR
- Map
- Owner (stores the images of the codes)
- Location
- Storage
 - Multiple kinds maybe