

Model

- Prompt user for photo
- Prompt user for location
- Can open map
- Can add new QR codes

- Map
- List of QR Codes
- List of Accounts

Score

- Represent itself
- Hold value of hash

- Hash
- QR Code

Hash

- Represent itself

- Score
- QR Code

Photo

- | | |
|---|---|
| <ul style="list-style-type: none">• Represent itself• Value of hash• Attach to user | <ul style="list-style-type: none">• Hash• QR Code• User |
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QR Code

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| <ul style="list-style-type: none">• Itself of Code• Contains Hash• Keeps list of photos it is from• Could contain photo | <ul style="list-style-type: none">• List of QR codes• Hash• Photo• List of Accounts |
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List of QR Code

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| <ul style="list-style-type: none">• Holds QR Codes• Adds QR Codes | <ul style="list-style-type: none">• Map• Account/User |
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Camera

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| <ul style="list-style-type: none">• Represent itself• Scan photo | <ul style="list-style-type: none">• QR Code• Photo |
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Map

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| <ul style="list-style-type: none">• List of all QR codes with location | <ul style="list-style-type: none">• List of all QR Codes |
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List of Accounts

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| <ul style="list-style-type: none">• Represent itself• Show scoreboard | <ul style="list-style-type: none">• Accounts |
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Account/User

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| <ul style="list-style-type: none">• List of account QR List• Holds total score• Hold user profile | <ul style="list-style-type: none">• List of all QR codes |
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GeoLocation

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| <ul style="list-style-type: none">• Represent itself | <ul style="list-style-type: none">• QR Code |
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Account Profile

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| <ul style="list-style-type: none">• Represent itself• Generate QR Code for game info• Username and password | <ul style="list-style-type: none">• Account/User |
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Comment

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| <ul style="list-style-type: none">• Represent itself• Attach to QR code• Attach to User | <ul style="list-style-type: none">• QR code |
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