### Use Case List

1. Register
2. Request
3. Respond
4. Show User
5. Announcement
6. Reward
7. Redeem

### Use Case 1: Register

### 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| email:  User ID\*  Password:\*  phone:  **Register**  Confirmation:\*  Submit |  | **User** | | **System** | |
|  | **Thoughts** | **User’s Actions** | **On Stage** | **Back Stage** |
|  | **Preconditions** | | | |
|  |  | Accesses registration page |  |  |
|  | **Main Success Scenario** | | | |
|  | Sign up for Favor Net | Fill in Form, Submit | Acknowledge | Create user record from form, initialize points total. history |
|  | **Exceptions/Extensions** | | | |
|  |  |  | Negative Acknowledge | User already exists#  No change |

**Conventions**

Unboxed item: Just display

Square Box: Input field, possibly initialized

Rounded Box: Button

\*: Required field

Events occur left to right, but # signifies first event

### Use Case 2: Request

### 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| By when  ASAP  Request  Where  Apparent location  Submit  **Request** |  | **User** | | **System** | |
|  | **Thoughts** | **User’s Actions** | **On Stage** | **Back Stage** |
|  | **Preconditions** | | | |
|  |  | Accesses request page | Time and location sensed | User known and Registered |
|  | **Main Success Scenario** | | | |
|  | Wants favor | Fill in Form, Submit | Acknowledge | Record request, identify likely responders.  Send requests. |
|  | **Exceptions/Extensions** | | | |
|  |  |  |  |  |

### Use Case 3: Respond Request

### 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Contact  Your Phone or email  **A Request for You**  Sorry, no  Contact Me  Message  The other user’s request  Other user’s id  **asks** |  | **User** | | **System** | |
|  | **Thoughts** | **User’s Actions** | **On Stage** | **Back Stage** |
|  | **Preconditions** | | | |
|  |  | User’s receiving device active. |  | User is registered.  Has contact information. |
|  | **Main Success Scenario** | | | |
|  |  |  | Present request to user |  |
| 1 | I know user, want to do it | Writes response.  Clicks Contact Me. |  | Send message to other user with contact token.  Award point to user. |
|  | **Exceptions/Extensions** | | | |
| a | I don’t want to do it | Click Sorry, No |  | Record refusal. |
| b | I don’t want to do it | (nothing) |  |  |
| c | I wonder who that is | Click Other user’s id | Go to Case 4: Show User |  |
| d | I need more information | Fill in Message box with question, click OK, contact me. |  | Send message to other user with contact information.  Award point to user. |
| e | I want an alternate contact | Refill contact box  Goto 1. |  |  |

### Use Case 4: Show User

### 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| email  phone  **User ID**  brownie point  total |  | **User** | | **System** | |
|  | **Thoughts** | **User’s Actions** | **On Stage** | **Back Stage** |
|  |  |  |  |  |
|  | **Preconditions** | | | |
|  |  |  |  | User is registered.  Has contact information. |
|  | **Main Success Scenario** | | | |
|  | I want to see user. |  |  |  |
|  |  | Click Back Button | Go somewhere else |  |
|  | **Exceptions/Extensions** | | | |
|  |  |  |  |  |

### Use Case 5: Announcement

### 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Recent award winners  **Favor Net News**  Highest point holders |  | **User** | | **System** | |
|  | **Thoughts** | **User’s Actions** | **On Stage** | **Back Stage** |
|  |  |  |  |  |
|  | **Preconditions** | | | |
|  |  |  |  | User is registered.  Has contact information. |
|  | **Main Success Scenario** | | | |
|  |  |  | Display to all users | I want to motivate users to participate. # |
|  |  | Click Back Button | Go somewhere else |  |
|  | **Exceptions/Extensions** | | | |
|  |  |  |  |  |

### Use Case 6: Reward

### 

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Congratulations, you have won XXX at YYY.  **Reward**  Show this message to YYY to claim it. It will cost you N points.    QR Code |  | **User** | | **System** | |
|  | **Thoughts** | **User’s Actions** | **On Stage** | **Back Stage** |
|  | **Preconditions** | | | |
|  |  |  |  | User is registered. |
|  | **Main Success Scenario** | | | |
|  | Excitement |  | Display to winning user. | Periodic selection of winner biased by point totals.# |
|  |  |  |  | Store code in Active List |
|  |  | Click Save |  | Store display somewhere in users device. |
|  | **Exceptions/Extensions** | | | |

### Use Case 7: Redeem

### 

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Aim your camera at the voucher and click.  **Redeem Reward**  Take Picture |  | **User Vendor** | | **System** | | |
|  | **Thoughts** | **User’s Actions** | **On Stage** | | **Back Stage** |
|  | **Preconditions** | | | | |
|  |  |  |  | | User is registered. |
|  | **Main Success Scenario** | | | | |
| 1 | Someone is showing me a reward voucher | Click Take Picture |  | | Voucher has not been used, according to Active List |
|  |  |  | Approve reward | | Remove code from Active List.  Deduct points from reward holding user |
|  | **Exceptions/Extensions** | | | | |
|  |  |  | | Deny Reward | Code is not on Active List.# |
|  |  |  | | Ask for another picture.  Go to 1. | Picture not clear# |