|  |  |
| --- | --- |
| Name | **1** |
| Participating actors | User, 2 |
| Goal | Successfully login to account. |
| Triggers | App is launched |
| Precondition | 1. User is present to login  2. App successfully launches. |
| Postcondition | User successfully logged in. |
| Basicflow | 1. System launches  2. System prompts user to enter username  3. User enters username  4. System prompts user to enter password  5. User enters password  6. System prompts user to login  7. User logs in  8. System authenticates the user’s account |
| Alternate flow | 1. System launches  2. System prompts user to enter username  3. User enters username  4. System prompts user to enter password  5. User enters password  6. System prompts user to login  7. User logs in  8. System does not recognize the user’s account  9. System prompts user to create account  10. User creates an account. |
| Exception | - Information requirements when logging in is incorrect.  (i.e missing information or not recognized) |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **2** |
| Participating actors | User, 1 |
| Goal | Successfully create a account for user |
| Triggers | User requests to create an account |
| Precondition | Create account option is present on login page |
| Postcondition | User successfully creates a account |
| Basicflow | 1. The system prompts the user to enter first and last name,  2. User enters their first and last name  3. System prompts user to enter username  4. User enters username  5. System prompts user to enter phone number  6. User enters phone number  7. System prompts user to enter password  8. User enters password  9. System prompts user to login  10. User then logins in. |
| Alternate flow | 1. The system prompts the user to enter first and last name,  2. User enters their first and last name  3. System prompts user to enter username  4. User enters username  5. System prompts user to enter phone number  6. User enters phone number  7. System prompts user to enter password.  8. User enters password.  9. System prompts user to login  10. User then logins in  11. System finds username already exist  12. System then prompts user to enter a new Username  13. User then enters a new Username  14. System prompts user to login  15. User then logs in |
| Exception | - Information requirements when creating an account is incorrect.  (i.e missing information)  - Username is not unique |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **3** |
| Participating actors | User, 1, 2, 4, 6, 8, 19 |
| Goal | View homepage options and view their account information |
| Triggers | User login or create account occurs |
| Precondition | User is successfully logged in. |
| Postcondition | User selects one of the homepage options. |
| Basicflow | 1. System displays the homepage options.  2. System prompts user to either Find a Home or Share a Home  3. User then selects Find a Home |
| Alternate flow no.1 | 1. System displays homepage options  2. System prompts user to either Find a Home or Share a Home  3. User then Selects Share a home |
| Exception | - User contact information is not shown on the homepage.  - User selects a homepage option and nothing occurs |
| Qualities |  |

|  |  |
| --- | --- |
| Name | 4 |
| Participating actors | User, 3 |
| Goal | Show user profile with their account content |
| Triggers | User selects on profile menu button. |
| Precondition | User must have an account |
| Postcondition | User is shown their account information. |
| Basicflow | 1. System displays the user’s account information  2. User then views their account information |
| Alternate flow | NONE |
| Exception | - User is missing information on their user account. |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **5** |
| Participating actors | User, 5 |
| Goal | Show user profile with the updated account content |
| Triggers | User selects a available field to edit. |
| Precondition | User must have an account |
| Postcondition | User is shown their updated account information. |
| Basicflow | 1. System allows user to view their information  2. User then views their account information  3. System allows user to edit their contact information  4. User edits their contact information  5. System displays the user’s updated account information |
| Alternate flow | NONE |
| Exception | - User is missing information on their user account.  - User is not able to edit their contact information. |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **6** |
| Participating actors | User, 3, 4, 7, 8, 9, 11, 19 |
| Goal | Allow the user to view their task. |
| Triggers | User selects on Task menu button. |
| Precondition | Homepage successfully loaded or User profile successfully loaded |
| Postcondition | User is shown their tasks successfully. |
| Basicflow | 1. System displays the tasks to the user  2. User then views their tasks |
| Alternate flow | NONE |
| Exception | - User’s Tasks do not show correctly. |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **7** |
| Participating actors | User, 4, 6, 8, 9, 11, 19 |
| Goal | Allow the user to select from their task. |
| Triggers | User selects on Task menu button. |
| Precondition | Homepage successfully loaded or User profile successfully loaded |
| Postcondition | User is shown their tasks successfully. |
| Basicflow | 1. System prompts user to view their tasks.  2. User then views their tasks.  3. System allows user to select from their tasks.  4. User selects on a certain task  5. System displays the options available to the user.  6. User selects an option.  7. System then carries out option selected by the user |
| Alternate flow | NONE |
| Exception | - User’s Tasks do not show correctly.  - User selects a task option and nothing happens. |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **8** |
| Participating actors | UserR, 3, 6, 21, 26 |
| Goal | Successfully add new task |
| Triggers | UserR selects the add task button on the Task Page or on the Home Page |
| Precondition | UserR requested to add a task. |
| Postcondition | The userR adds their new task. |
| Basicflow | 1. System prompts userR to enter the required and optional information for their new task.  2. UserR then enters information.  3. System prompts useRr to add the task  4. UserR then selects the task. |
| Alternate flow | 1. System prompts userR to enter the information required for their new task.  2. UserR then clicks on the cancel task button.  3. System returns userR back to the Task page. |
| Exception | - Information requirements in adding a task is missing  - Task is not added successfully  - Click on the add task button and nothing occurs.  - Click on the add task button something unexpected occurs(i.e takes you to the userprofile) |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **9** |
| Participating actors | UserR, 6, 7, 10, 20 |
| Goal | Allow the userR to view task information |
| Triggers | UserR selects on tasks from the requested task list |
| Precondition | Tasks page successfully loaded and UserR can select on tasks |
| Postcondition | UserR is shown task information |
| Basicflow | 1. System displays the tasks to the userR  2. UserR then views their tasks |
| Alternate flow | 1. System displays the tasks to the userR  2. UserR then views their tasks  3. UserR then selects on location  4. System Views location on a map |
| Exception | - UserR’s Tasks do not show correctly.  - UserR cannot select location on task description |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **10** |
| Participating actors | UserR, 6, 7, 9, 16, 17, 22, 26, 27 |
| Goal | Allow the userR to edit task information |
| Triggers | UserR selects on tasks from the requested task list. |
| Precondition | Tasks page successfully loaded and UserR can select on tasks |
| Postcondition | UserR’s is shown task information |
| Basicflow | 1. System displays the tasks to the userR  2. UserR then views their tasks |
| Alternate flow | 1. System displays the tasks to the userR  2. UserR then views their tasks  3. UserR then selects on location  4. System Views location on a map |
| Exception | - UserR’s Tasks do not show correctly.  - UserR cannot select location on task description |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **11** |
| Participating actors | UserP, 6, 7, 19, 20 |
| Goal | Allow the userP to view task information |
| Triggers | UserP selects on tasks under Task provided |
| Precondition | Tasks page successfully loaded and UserP can select on tasks |
| Postcondition | UserP’s is shown task information |
| Basicflow | 1. System displays task description to the userP  2. UserP then views their tasks |
| Alternate flow | 1. System displays task description to the userP  2. UserP then views their tasks  3. UserP selects location  4. System Views location on maps |
| Exception | - UserP’s Tasks information does not load correctly  - UserP is selects location and nothing occurs |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **12** |
| Participating actors | UserP, 6, 11, 19 |
| Goal | **Update status of a Task** |
| Triggers | UserP makes a bid on a task |
| Precondition | Search page has tasks to bid on and task status is “requested” |
| Postcondition | Status of a task is updated |
| Basicflow | 1. System prompts userP to bid on a task  2. UserP selects on the bid option  3. System displays the tasks to userP  4. UserP then views the tasks  5. System prompts userP to enter a bid amount  6. UserP then enters a bid amount  7. System then changes status of the task from “requested” to “bidded” |
| Alternate flow | NONE |
| Exception | - UserP enters an incorrect bid amount(Ex. “$-12”)  - System does not update status to “bidded” |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **13** |
| Participating actors | UserR, 6, 9,16, 17, 18 |
| Goal | Update Status of a task |
| Triggers | UserR accepts a bid for one of their tasks. |
| Precondition | Bids on the task must exist. (Task status is “bidded”) |
| Postcondition | UserR’s task status is updated |
| Basicflow | 1. System prompts userR to accept a bid or decline a bid  2. UserR then accepts bid  3. System then removes all other bids except the selected bid  4. System then updates status to “assigned” |
| Alternate flow | None |
| Exception | 1. UserR selects on accept bid and other bids are not removed  2. UserR selects on accept bid and status does not update to assigned |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **14** |
| Participating actors | UserR, 6, 10 |
| Goal | Update Status of a task |
| Triggers | UserR task is completed. |
| Precondition | UserR’s task status is “assigned”. |
| Postcondition | UserR’s task status is updated |
| Basicflow | 1. System prompts userR to edit task details  2. UserR then edits tasks detail  3. System prompts userR to change status  4. UserR changes status to “done”  5. System then updates status |
| Alternate flow | None |
| Exception | 1. UserR changes status to “done” but no update to status occurs |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **15** |
| Participating actors | UserR, 6, 9 |
| Goal | Update Status of a task |
| Triggers | UserR task is not completed. |
| Precondition | UserR’s task status is “assigned”. |
| Postcondition | UserR’s task status is updated |
| Basicflow | 1. System prompts userR to edit task details  2. UserR then edits tasks detail  3. System prompts userR to change status  4. UserR changes status to “requested”  5. System then updates status |
| Alternate flow | None |
| Exception | 1. UserR changes status to “requested” but no update to status occurs |

|  |  |
| --- | --- |
| Name | **16** |
| Participating actors | UserR, 6, 9, 17 |
| Goal | Accept a bid for a task |
| Triggers | UserR selects accept bid |
| Precondition | View Requested Tasks loaded successfully |
| Postcondition | UserR accepts a bid for a task |
| Basicflow | 1. System prompts userR to accept a bid  2. UserR then accepts bid  3. System then removes all other bids except the selected bid |
| Alternate flow | None |
| Exception | - UserR can not accept a bid |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **17** |
| Participating actors | UserR, 6, 9, 16 |
| Goal | Update Status of a task |
| Triggers | UserR declines a bid for one of their tasks. |
| Precondition | View Requested Tasks loaded successfully, allowing userR to decline a bid |
| Postcondition | UserR task status is updated |
| Basicflow | 1. System prompts user to decline a bid  3. UserR then declines bid  4. System then removes the declined bid |
| Alternate flow | None |
| Exception | -UserR selects decline bid and bid is not removed from list of bids |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **18** |
| Participating actors | UserR, 6, 9,16 |
| Goal | Delete other bids for a certain task |
| Triggers | UserR accepts a bid for a task |
| Precondition | UserR accepted a bid |
| Postcondition | Other bids are deleted after UserR accepts a bid |
| Basicflow | 1. System prompts userR to accept a bid  2. UserR then accepts bid  3. System then removes all other bids except the selected bid |
| Alternate flow | None |
| Exception | - Other bids are not removed when UserR selects on accept bid. |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **19** |
| Participating actors | UserP, 4, 6, 11, 12, 20 |
| Goal | Allow UserP to search for tasks. |
| Triggers | UserP selects on the search menu button. |
| Precondition | Search menu button is available for user. |
| Postcondition | UserP searches for tasks. |
| Basicflow | 1. The system displays the search menu button.  2. UserP clicks on the search menu button.  3. System prompts UserP to enter keywords to be searched  4. UserP enters keywords  5.. The system responds in allowing the UserP to search for different tasks. |
| Alternate flow | None |
| Exception | - The combination of the keywords the UserP is searching does not exist.  - The details of a task are not viewable  (ie. task requesters username, title, status, and lowest bid) |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **20** |
| Participating actors | User, 8, 9, 11 |
| Goal | View location of a certain task. |
| Triggers | User selects the location of a task. |
| Precondition | User has added a task or is currently adding a task. |
| Postcondition | User successfully views the location of a certain task. |
| Basicflow | 1. System displays tasks.  2. User selects a task.  3. System prompts the user to view location of a task  4. User then views the location of the task |
| Alternate flow | None |
| Exception | - Could not display the location of the task. |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **21** |
| Participating actors | UserR, 8 |
| Goal | Add location to a certain task. |
| Triggers | UserR selects the location of a task |
| Precondition | UserR is adding a task. |
| Postcondition | UserR successfully adds the location of a certain task. |
| Basicflow | 1. System displays the task’s detail.  2. System prompts UserR to add a location to their task  3. UserR adds a location to their task |
| Alternate flow | None |
| Exception | - Could not add a location to their task |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **22** |
| Participating actors | UserR, 10, 20 |
| Goal | Edit location of a certain task. |
| Triggers | UserR selects the location of a task |
| Precondition | UserR is editing a task. |
| Postcondition | UserR successfully edits the location of a certain task. |
| Basicflow | 1. System displays the task’s detail.  2. System allows UserR to change the location of a certain task  3. UserR changes the location of their task |
| Alternate flow | None |
| Exception | - Could not display the location of the task.  - Could not edit the location of their task |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **23** |
| Participating actors | UserP, 4, 9, 11, 19 |
| Goal | Notify UserR of a bid |
| Triggers | UserP bids on a task |
| Precondition | Task is bidded on by UserP |
| Postcondition | UserR is successfully notified of the bid |
| Basicflow | 1. System displays bid options to UserP  2. UserP then bids on a task.  3. System notifies UserR of task their task being bidded on |
| Alternate flow | None |
| Exception | - UserR notified when there is no bid  - UserR not notified when there is a bid |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **24** |
| Participating actors | User, 4, 6, 19 |
| Goal | Successfully retrieve and see the contact information of a username. |
| Triggers | User selecting on a username. |
| Precondition | Existence of a username for the user to select. |
| Postcondition | Successfully retrieve and see the contact information of a username. |
| Basicflow | 1. System displays a username.  2. User selects the username  3. System allows user to view the contact information corresponding to that user |
| Alternate flow | NONE |
| Exception | - User selects on a username but the contact information corresponding to the username is not shown. |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **25** |
| Participating actors | UserR, 4, 6, 8 |
| Goal | Allow UserR’s offline changes to tasks, to be displayed when they regain connectivity. |
| Triggers | Network regains connectivity |
| Precondition | Losing network connectivity |
| Postcondition | UserR’s offline changes to the tasks are displayed once they regain connectivity. |
| Basicflow | While offline,  1. System launches and displays UserR’s Tasks  2. UserR requests to adds a task  3. System then updates the task list when they regain connectivity |
| Alternate flow | While offline,  1. System launches and displays UserR’s Tasks  2. UserR requests to edit their tasks  3. System then updates the task list when they regain connectivity |
| Exception | - Could not update changes when UserR regains connectivity. |
| Qualities |  |

|  |  |
| --- | --- |
| Name | **26** |
| Participating actors | UserR, 8, 10 |
| Goal | Allow UserR to add a photograph to their task. |
| Triggers | UserR creates a task. |
| Precondition | UserR is currently adding a new task. |
| Postcondition | UserR successfully now has a photograph attached to their task |
| Basicflow | 1. System prompts UserR to add a task  2. UserR attaches a photograph to their task.  3. The system displays UserR’s task with the photograph attached to it. |
| Alternate flow | None |
| Exception | - The photograph is not viewable after being added to the task. |
| Qualities | Each Photograph should be under 65536 bytes |

|  |  |
| --- | --- |
| Name | **27** |
| Participating actors | UserR, 8, 10 |
| Goal | Allow UserR to delete a photograph to their task. |
| Triggers | UserR editing a task. |
| Precondition | UserR is currently editing a task |
| Postcondition | UserR successfully deleted a photograph from a task |
| Basicflow | 1. System prompts UserR to edit a task  2. UserR then edits the task  3. System allows UserR to delete a photograph from a Task  4. UserR deletes a photograph from that task  5. The system displays UserR’s task with the specific photograph deleted |
| Alternate flow | None |
| Exception | - The photograph is still viewable after being deleted |
| Qualities | Each Photograph should be under 65536 bytes |

**Glossary and Information Sources**:

* UserR= Requester
* UserP= Provider
* User= Requester and/or Provider
* 1 = login
* 2 = create account
* 3 = select home page options \
* 4 = view user profile
* 5 = edit user profile
* 6 = view task page
* 7 = select task
* 8 = add task
* 9 = view requested tasks
* 10 = edit requested tasks
* 11 = view provided tasks
* 12 = change status to bidded
* 13 = change status to assigned
* 14 = change status to done
* 15 = change status to requested
* 16 = accept bid
* 17 = decline bids
* 18 = clear other bids
* 19 = search
* 20 = view location
* 21 = add location
* 22 = edit location
* 23 = notify
* 24 = retrieval
* 25 = connectivity
* 26 = add photo
* 27 = delete photo
* WOW factor: This app is a house sitting app that sets the user requester as the user that needs their house to be sitted while they are away and the user provider to be the one that provides the house sitting.