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| Requirements | | | |
| **Req ID** | **Requirement** | **Test Method** | **Test ID** |
| 1.1 | The system shall display all the required fields to create an account. | Inspection | 1 |
| 1.1.2 | The system shall send an email to the user to confirm that the email is valid. | Inspection, Test | 1 |
| 1.2 | The system shall display confirmation of the account created. | Inspection | 1 |
| 2. | The system shall allow the user to login. | Test | 2 |
| 2.1 | The system shall allow the user to input their username and password. | Test | 2 |
| 2.1.1 | The system shall verify the username and password | Analysis | 2 |
| 2.2 | The system shall allow the user to recover a forgotten username or password. | Test | 3 |
| 2.2.1 | The system shall send an email displaying the user’s username. | Inspection | 3 |
| 2.2.2 | The system shall send an email with a link to reset the user’s password. | Inspection, Test | 3 |
| 3. | The system shall allow the user to post items. | Test | 4 |
| 3.1 | The system shall allow the user to upload a picture for the item | Test, Inspection | 4 |
| 3.2 | The system shall allow the user to take a picture for the item. | Test, Inspection | 4 |
| 3.3 | The system shall allow the user to assign a location for the item. | Test, Inspection | 4 |
| 3.3.1 | The system shall allow the user to create a new location. | Test, Inspection | 4 |
| 3.4 | The system shall allow the user to assign a category for the item. | Test, Inspection | 4 |
| 3.4.1 | The system shall allow the user to create a new category for the item. | Test, Inspection | 4 |
| 3.5 | The system shall allow the user to assign a quantity for the item. | Test | 4 |
| 4. | The system shall allow The System shall correctly the identify the user's location within 0.5 mile. | Analysis | 5 |
| 4.1 | The System shall provide capability to use the user's location provided by the user's browser location services. | Analysis | 5 |
| 4.1.1 | The System shall request permission to use the user's browser location services if not already granted. | Inspection, Test | 5 |
| 4.1.2 | Given authorization, the system shall report the client's location using the browser's location services. | Inspection | 5 |
| 4.1.3 | The system shall display the user's location on the interface based on the reported location. | Inspection | 5 |

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| Test | | | | |
| Test ID | Req ID | Test Procedure | Current | Date |
| 1 | 1, 1.1, 1.1.2, 1.2 | Create an account. | Not tested | TBD |
| 2 | 2, 2.1, 2.1.1 | Login into your account. | Not tested | TBD |
| 3 | 2.2, 2.2.1, 2.2.2 | Recover username and password. | Not tested | TBD |
| 4 | 3, 3.1, 3.2, 3.3, 3.3.1, 3.4, 3.5 | Post an item into a new category and a new location | Not tested | TBD |
| 5 | 4, 4.1, 4.1.1, 4.1.2, 4.1.3 | Find location of the user. | Not tested | TBD |