Beet Seed 1

| **Type of Testing** | **What is being checked** | **When applicable** | **Restrictions** | **Peculiarities** |
| --- | --- | --- | --- | --- |
| Functional | Functions that the system should perform | When we want to test some function of the software | To test some types of functions or design there’s a need for a skilled and knowledgeable tester | Can be used at all Test Levels but the focus changes |
| Non-functional | Characteristics of the system (usability, performance, security) | When we want to evaluate the system features | Particular special skills or knowledge for testing certain aspects (e.g. weaknesses of the system or product’s user base) | Should be performed at all test levels and as early as possible |
| Change-related | Confirms that change corrected the defect or implemented the new functionality correctly without any consequences to the rest of the system | When changes are made to the system (correct defects or new/changed functionality) | Regression testing takes a lot of time, being automation a good solution for this types of tests | Particularly important for iterative, incremental and Agile methodologies; |

**Beet Seed 2**

Both regression and retesting can be applied after a change in the product was made. The retesting is used to check if a change in the software resulting from a defect detection and fixing, actually fixed the defect and if the functionality where the defect was detected is working properly and as it should be working.

Regression focuses on the testing of all functions of the software after a change was made (either to fix a defect or to introduce some new feature/functionality) to evaluate if all previously functionalities of the software are working as before the change.

**Mighty Beet 2**

* Test if the app can access the device camera to upload pictures taken in the moment
* Test if by clicking the thumbs up symbol the number of likes of a photo increases by one
* Test if there’s a white square border on the uploaded photos
* Test if the uploaded photos are securely stored in the app’s database
* Test if after clicking “Send” next to the text box for comments, the text input in the box is visible below the commented photo

**Mighty Beet 3**

| **Requirement** | **Test** |
| --- | --- |
| The app should load the user’s feed in 5 sec. max | Test if the time it takes to load the app after clicking on the app icon on the app’s menu is less than 5 sec |
| The app should work properly after a software update | Test if the app opens and functions as expected after a software update |
| The app should not crash with up to 5 million simultaneous users | Test if the app works properly with 5 million simultaneous users |
| If the device theme changes, the app should be able to work properly | Test if the app works properly after changing the device theme |

Extra Task