Black box testing

The system test checks if the system works correctly from the user’s perspective. Does each function do what it promises and are the UI easy and understandable to read? The general goal for the system test is to check whether the use cases work.

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| **Description** | **Precondition** | **Expected result** | **Steps** | **Results** |
| A user wants to create an account. | The person has installed the app and has an email address. | The user creates a profile which is added to the database, and  should automatically  get logged  in. | 1. The user launches the app. 2. The user clicks the “Register” button. 3. The user inputs the email and password. 4. The uses presses the “Submit” button. | Success, feature works as expected. |
| A user wants to login. | The person has previously created an account. | The user logs in and is taken to the main activity. | 1. The user inputs the credentials. 2. The user clicks the “Login” button. | Success, feature works as expected. |
| A user wants to add a new plant to his list. | The user must be logged in. | The user fills in the form and the new plant is added to the list in the main activity. | 1. The user clicks the “Add plant” button. 2. The user fills in the form. 3. The user clicks the “Create” button. | Failure |
| A user wants to edit their account. | The user must be logged in. | The user edits the desired credentials which are saved to the database. | 1. The user clicks the “My account” button. 2. The user edits their email and/or password. 3. The user clicks the “Save” button. | Success,  feature works as expected. |
| A user wants to delete their account. | The user must be logged in. | The user data is removed from the database. | 1. The user clicks the “My account” button. 2. The user clicks the delete floating button. 3. The account is deleted. | Success,  feature works as expected. |
| The user wants to view the plant’s external conditions. | The user must be logged in and must have at least one plant in the list. | The system displays the relevant data. | 1. The user clicks the plant name in the main activity. 2. The user is presented with the plant information. | Success, feature works as expected. |
| The user wants to modify a plant’s profile. | The user must be logged in and must have at least one plant in the list. | The new data is saved in the database. | 1. The user clicks the edit icon next to the plant’s name. 2. The user edit’s the desired fields. 3. The user clicks the “Save” button. | Failure |
| The user wants to delete a plant’s profile. | The user must be logged in and must have at least one plant in the list. | The data is removed from the database. | 1. The user clicks the delete icon next to the plant’s name. 2. The plant profile is deleted. | Failure |