

Milestone 5 Test Planning: Project GreenThumb

1. UAT Team Roles & Responsibilities

Name	Roles & Responsibilities
George Allison	Backend Development, Database Design
Aqbar Azman	Integration, User Acceptance Tester
Mason L. Salmon	Frontend Developer
Zach Guse	Frontend Developer
Mohamed Yatribi	Backend Development, Database Design
Caitlin Neppi	Product Owner, Frontend Developer

2. UAT Requirements-Based Test Cases

Test Case 1 *Create a user account*

Example:

Test Procedure: Create a user account.

Email Address: greenthumb@yahoo.com

Password: Youthinkyougottit87

Expected Results:

An error will be displayed for the same email addresses existed in the database. An error would also be given if the password does not follow the standard requirement of a password:

-Minimum 8 characters.

-Contains at least a letter, a number and a special character

An error would be given if the confirmed password is not the same as the password given.

Alongside our POSTGRESQL database, a PGCRYPTO extension would be used to hash and store user's password.

Once the user logged out from the account, the user should be able to login into his or her account using the same email address and password referencing to the account and hashed password stored in the database.

Test Case 2 *Creating a plant profile with plant information.*

Example:

Test Procedure: Adding a plant profile on a user's home page.

Plant Name: Martha Stewart

Plant Info: Type: Fern

Watering cycle: time

Plant Comments: A fern is a member of a group of vascular plants that reproduce via spores and have neither seeds nor flowers.

Expected Results: Profile page with correct plant profiles(logged plants), user information.

An error will be displayed for the wrong credentials. / User information should be correctly logged and populated when user authentication is provided.

Test Case 3 *Modifying an existing plant*

Example:

Test Procedure: Changing information for an existing plant, saving it, then testing the deletion of a plant profile.

Plant Name: Martha Stewart

Modified Plant info: Plant Comments: Edited comment

Expected Results:

A POST request will be sent to the database to modify the plant's information, querying the specified plant based on the relevant ID number. A DELETE request will be used to delete a plant object from the database, querying the specified plant based on the relevant ID number.

3. UAT Test Results			
Test Cases	Pass/Fail	Tested By	Date Tested
Test Case 1			mm/dd/yyyy
Test Case 2			mm/dd/yyyy
Test Case 3			mm/dd/yyyy

4. Addendums & Appendices

1. Information on Pgcrypto: <https://www.postgresql.org/docs/8.3/pgcrypto.html>