# Functional Requirements

*What it must do*

* Provide the ability for the user to self-identify their own plant images
* Identify plants from users uploaded photos
* Provide alternative identifications to identified plants (Providing more possible options)
* Provide general information about each identified plant (Drawn from Wikipedia)
* Provide individual user accounts
* Display identified images of indoor plants in their respective geo-location on google maps.
* Display identified images of outdoor plants in their respective geo-location on google maps.
* When each outdoor identified plant is selected, it will display the image and the brief description.
* When each indoor identified plant is selected, it will display the image and the brief description.
* The user must only have to log in once, the user should continue to be logged in when opening the app after the initial log-in.
* Display all of the users previously identified plants with their associated information
* Enable the user to log out
* Enable the user to log in
* Allow the user to view their account details.
* Allow the user to change their account details.

## User Stories

1. As a user, I would like to be able to create an account.
2. As a user, I would like to be able to log into my account.
3. As a user, I would like to be able to log out of my account.
4. As a user, I would like to stay logged into my account until I log out.
5. As a user, I would like to see my account details.
6. As a user, I would to be able to change my account details.
7. As a user I would like to take a photo and find out what the plant is.
8. As a user I would like to use a photo I’ve already taken to find out what the plant is.
9. As a user I would like to see other possible identifications for the plant, in case the first match is not correct.
10. As a user I would to see more information about the plant which has been identified.
11. As a user, I would like to identify my own plant.
12. As a user, I would like to see my previously identified pictures and their associated information.
13. As a user, I would like to see what plants are grown outside, around me.
14. As a user, I would like to see what plants are grown inside, around me.
15. As a user, I would like to see more information about the plants grown outside, around me.
16. As a user, I would like to see more information about the plants grown inside, around me.