- **Register**

if doesn't have an account

Login ——<<extend>>——> Register

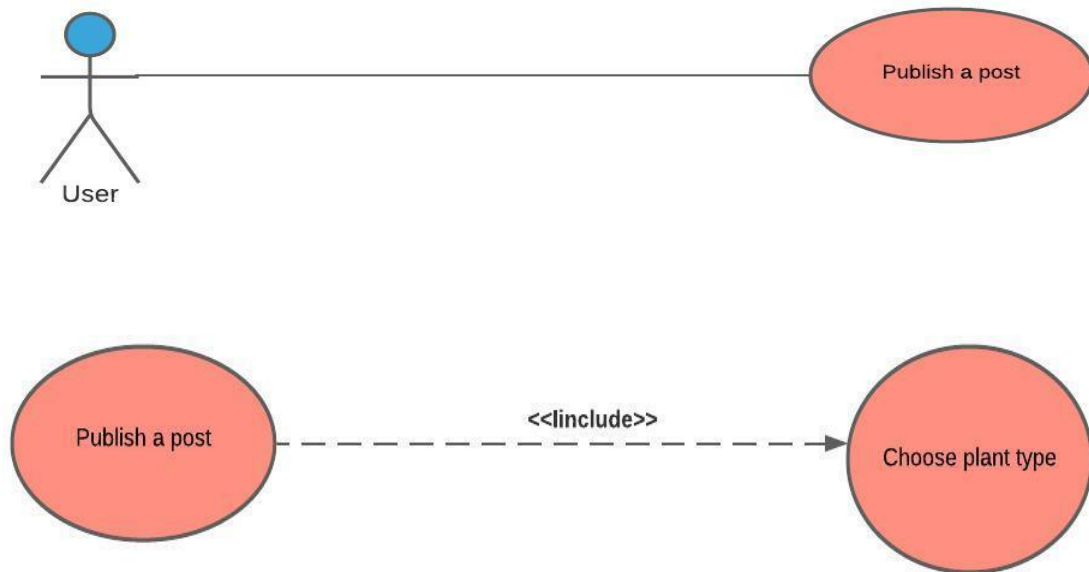| Use Case ID:	Zar3a001
Use Case Name:	Register
Area:	Application
Actor:	User
Description:	User creates an account
Preconditions:	- User needs to download the application - User needs an internet access
Post conditions:	User has successfully created an account
Triggering Event:	User clicks "Register" button.
Main Flow:	1. Open the application 2. User enters his data 3. User submit his data to system 4. The system validates the user data 5. The system send a verification mail to the user
Additional info for steps:	Step 2: data is name, username, password, email.
Alternative Flow:	-if user enter non-valid data, an error message should appear to him.

- **Login**

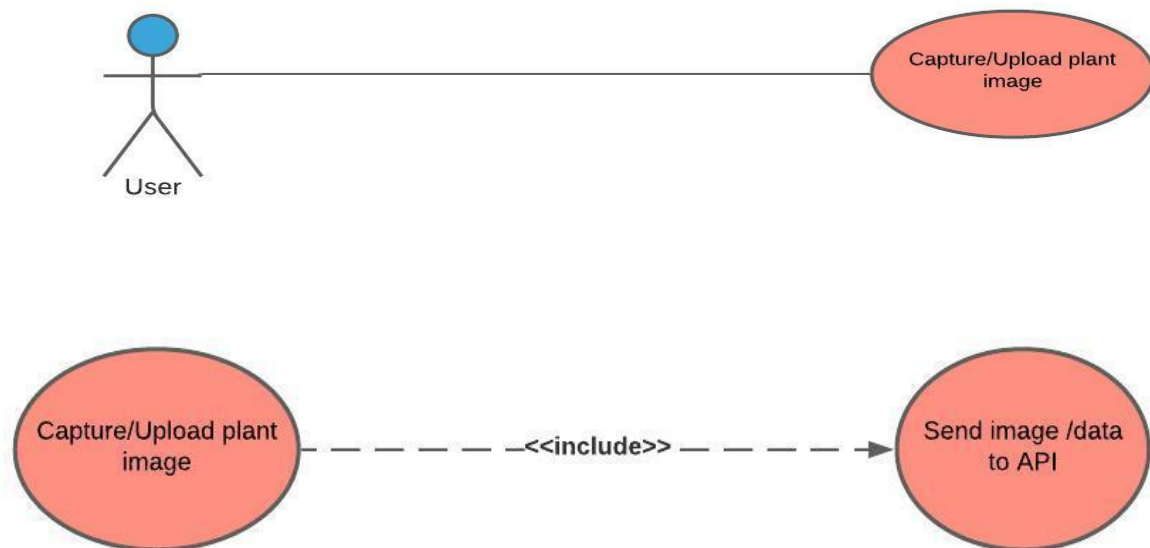| Use Case ID:	Zar3a002
Use Case Name:	Login
Area:	Application
Actor:	User
Description:	User login to the application using it's account
Preconditions:	• User must download the application • User must an internet access • User must have an account
Post conditions:	• User has successfully logged into the application • The system display the main page of application
Triggering Event:	User clicks "Login" button.
Main Flow:	1. Open the application 2. User enters his data 3. User submit his data to system 4. The system validates the user data
Additional info for steps:	Step 2: data is username and password.
Alternative Flow:	-if user enter non-valid data, an error message should appear to him.

• **Edit interested plants**

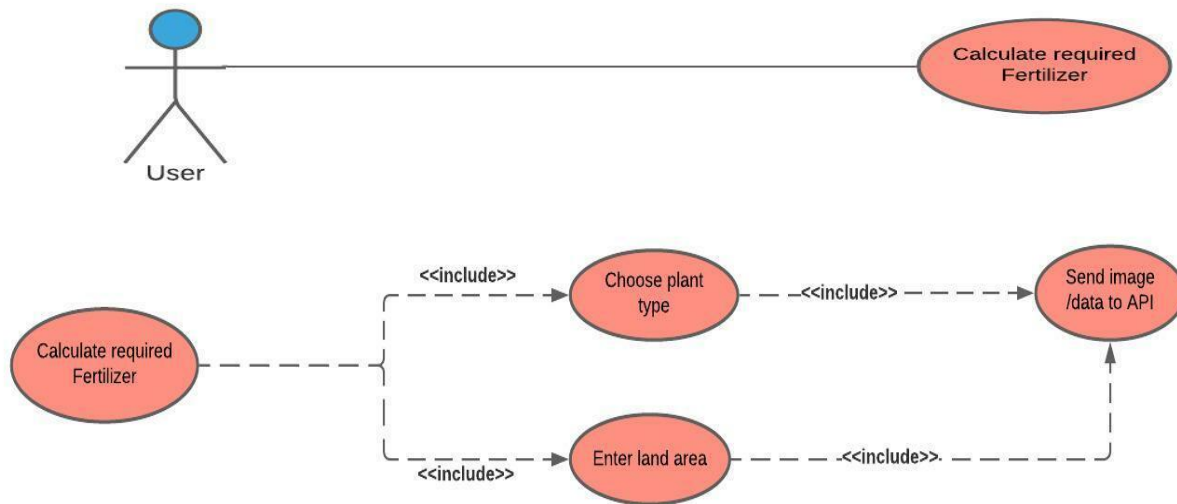| Use Case ID:	Zar3a003
Use Case Name:	Edit interested plants
Area:	Application
Actor:	User
Description:	User edit the pre-selected interested plants.
Preconditions:	• User must download the application • User must an internet access • User must have an account • User must login to the application
Post conditions:	• Application update the selected interested plants to the user.
Triggering Event:	User click "Update" button.
Main Flow:	☐ User login to the application ☐ User select the items ☐ User submit the items ☐ The application validates the items ☐ The system update the selected items
Additional info for steps:	Step 2, 3, 4, and 5: items are interested plants.
Alternative Flow:	-if user doesn't select any item, an error message will be appeared.

- **Publish a post**

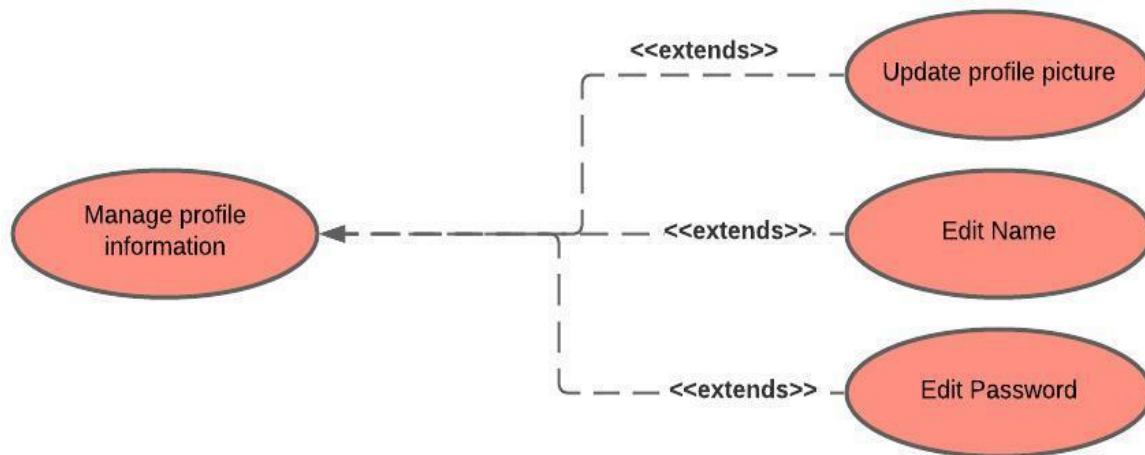| Use Case ID:	Zar3a004
Use Case Name:	Publish a post
Area:	Application
Actor:	User
Description:	User publish a post in the community area to get help in specific plant.
Preconditions:	• User must download the application • User must an internet access • User must have an account • User must login to the application
Post conditions:	Application will make the post available to all users of the application
Triggering Event:	User click "Post" button.
Main Flow	1. User login to the application 2. User choose plant type 3. User submit the post 4. The system validate the post
Alternative Flow:	-if user doesn't choose a plant type or doesn't write any text in the post, an error message will be appeared.

- **Capture/Upload plant image**

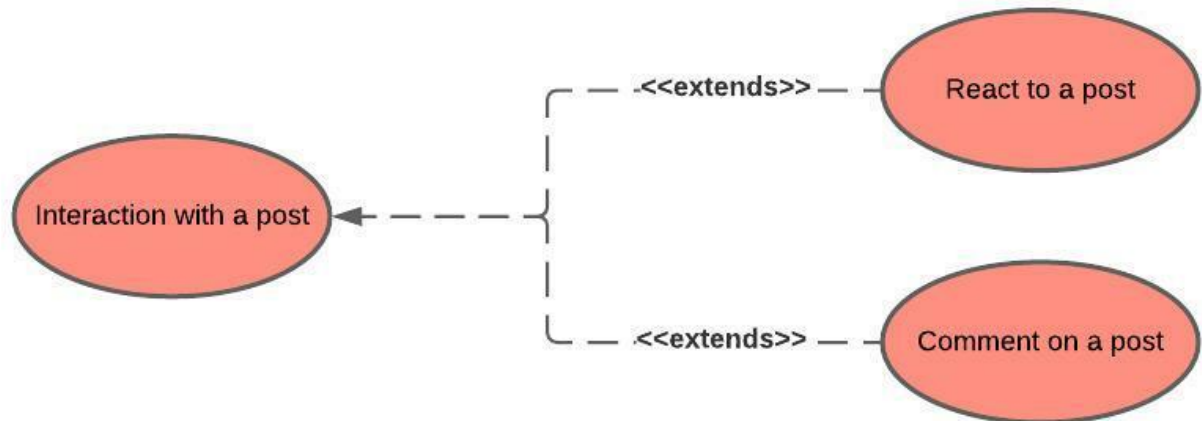| Use Case ID:	Zar3a005
Use Case Name:	Capture/Upload plant image
Area:	Application
Actor:	User
Description:	User upload or take an image of plant to see if it has a disease or pest.
Preconditions:	• User must download the application • User must an internet access • User must have an account • User must login to the application
Post conditions:	The User will have a paragraph shows the result.
Triggering Event:	User click "Take Photo" button.
Main Flow	1. User login to the application 2. User upload or take a photo 5. User submit the photo 6. The system validate the photo 7. The photo is sent to the API.
Alternative Flow:	-if user doesn't upload a plant image the application will display an error message.

- **Calculate required Fertilizer**

Use Case ID:	Zar3a006
Use Case Name:	Calculate required Fertilizer
Area:	Application
Actor:	User
Description:	User wants to know the amount of fertilizer suitable to his land area.
Preconditions:	- User must download the application - User must an internet access - User must have an account - User must login to the application
Post conditions:	User will have the required amount of fertilizer.
Triggering Event:	User click "Calculate" button.
Main Flow	1. User login to the application 2. User enter data 3. User submit the data 4. The system validate the data 5. The data is sent to the API.
Additional info for steps:	Step 2, 3, 4, and 5: data is the plant type and the land area.
Alternative Flow:	-if user enters invalid data, an error message will be appeared.

- **Manage Profile information:**

Use Case ID:	Zar3a007
Use Case Name:	User Information
Area:	Application
Actor:	User
Description:	Manage Profile Info
Preconditions:	• User must have an account on the application • User must be logged into the application successfully.
Post conditions:	User has successfully logged to his/her account
Triggering Event:	User clicks "Update profile data" button.
Main Flow:	1. Open the application 2. User enters his data 3. User submit his data and photo to the system 4. The system validates the user data
Additional info for steps:	Step 2: data is name, profile image, password.
Alternative Flow:	-if user enter non-valid data, an error message should appear to him. Ex: If the user uploads a file in the place designated for uploading a profile photo.

• **Interaction With a post:**

Use Case ID:	Zar3a008
Use Case Name:	Posts actions
Area:	Application
Actor:	User
Description:	Interaction with a post
Preconditions:	• User must have an account on the application • User must be logged into the application successfully.
Post conditions:	User has successfully logged to his/her account
Triggering Event:	User clicks "react" icon.
Main Flow:	5. Open the application 6. User enters his data 7. User submit his data and photo to the system 8. The system validates the user data
Additional info for steps:	Step 2: user can react on any post.