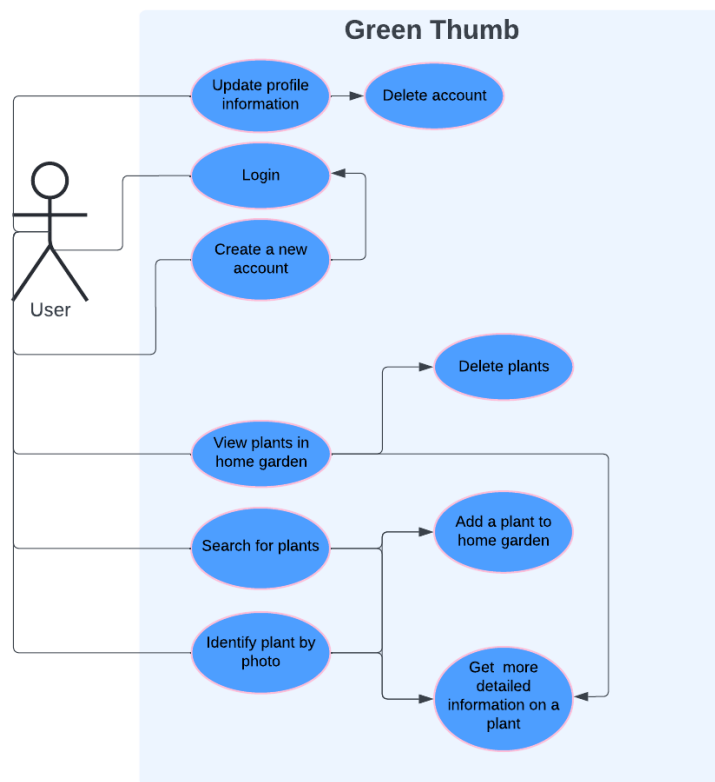


# Lab 9 Deliverables

1. Team Number - 6
2. Team Name – Garden Gang
3. Team Members –
  - a. Alexander Eadie – xanderEadie - duckduckducker
  - b. Libo Zou - liboZou
  - c. Yubo Wang - wyb7138
  - d. Aria Blondeau - aria-b4
  - e. Gabrielle Partch - gpartch
  - f. Jack Rueschhoff - JackRueschhoff
4. Application Name
  - a. Green Thumb
5. Application Description
  - Allow the user to input data such as plant type, climate zone, size, etc and search for plants that fit that description
    - o API options:
      - [Trefle documentation | Trefle documentation](#)
      - [Free Plant API | Houseplants,Garden,Trees,Flowers,Images & Data \(perennial.com\)](#)
      - [Pl@ntnet API](#)
  - Identify a plant by photo
  - The user can add plants from the search results or from the plant photo search to a 'garden'/ record of all the plants tracked by that user
6. Vision Statement

To help our neighbors make our Earth a greener place.
7. Version Control
  - GitHub Repository Link: <https://github.com/xanderEadie/green-thumb>
8. Development Methodology
  -
9. Communication Plan
  - Outside of lab and our in-person meetings, we will collaborate via a discord server.
10. Meeting Plan
  - Meeting with TA: 1p-1:15p Fridays @ 1pm in ECCS114E\* (subject to approval by TA)
  - Team meetings:
11. Use Case Diagram
  - [https://lucid.app/lucidchart/ec710ce0-fc70-4ed0-85cc-4351348f4601/edit?view\\_items=N8ZkrjMcppAA&invitationId=inv\\_391794d5-8529-43b7-8f21-7e6590773fe1](https://lucid.app/lucidchart/ec710ce0-fc70-4ed0-85cc-4351348f4601/edit?view_items=N8ZkrjMcppAA&invitationId=inv_391794d5-8529-43b7-8f21-7e6590773fe1)



## 12. Wireframes

- Navbar:
  - Login/logout - separate pages for each (register/sign up if no account exists)
  - Registration
  - Search
  - Home
- Account settings
  - Weather/climate of current location
  - Plants that are currently being grown
    - "Your Garden"
      - View/Remove plant
  - Favorite plants
  - Username/password
  - Delete account
- "Social"/Home:
  - Recommended plants to grow based on climate (maybe)
    - Instructions/links on how to grow said plants
  - "Your garden"
- Search
  - Filters:
    - Light level

- Water required
- Climate
- Plant names/color
- If it flowers or not
- Edibility
- Size
- Lifespan
  - Annual or perennial plant
- Animal safety
- Results (per plant):
  - Picture
  - Name
  - Light level, preferred climate
  - Watering schedule
  - Size
- Plant details page
  - Shows all the requirements when you click on a specific plant (amazon esc product)
  - Add plant to your garden