CSE 111 Project Phase 1

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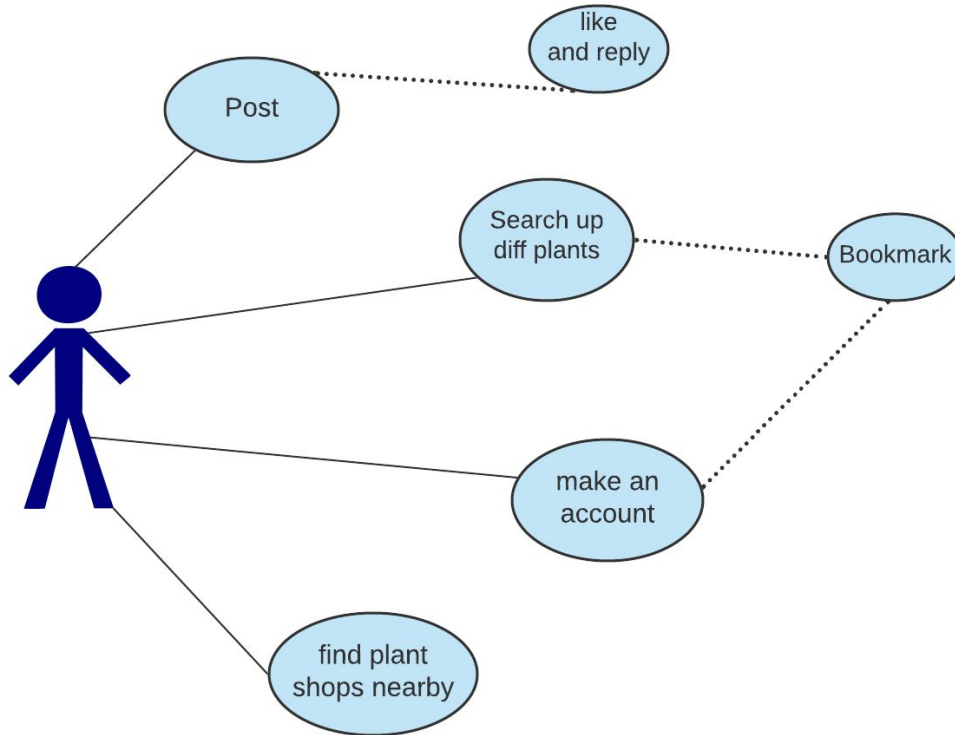Plant Database by Bernadette Ortiz and Jesus Martinez-de Santos

System Description

- Our project is a Plant database
- It has descriptions of different plants
- Allows others to post additional tips to grow/maintain the plant
- User can create an account if they want to post tips/bookmark their searches
- This project will give users the ability to learn more about plants they like
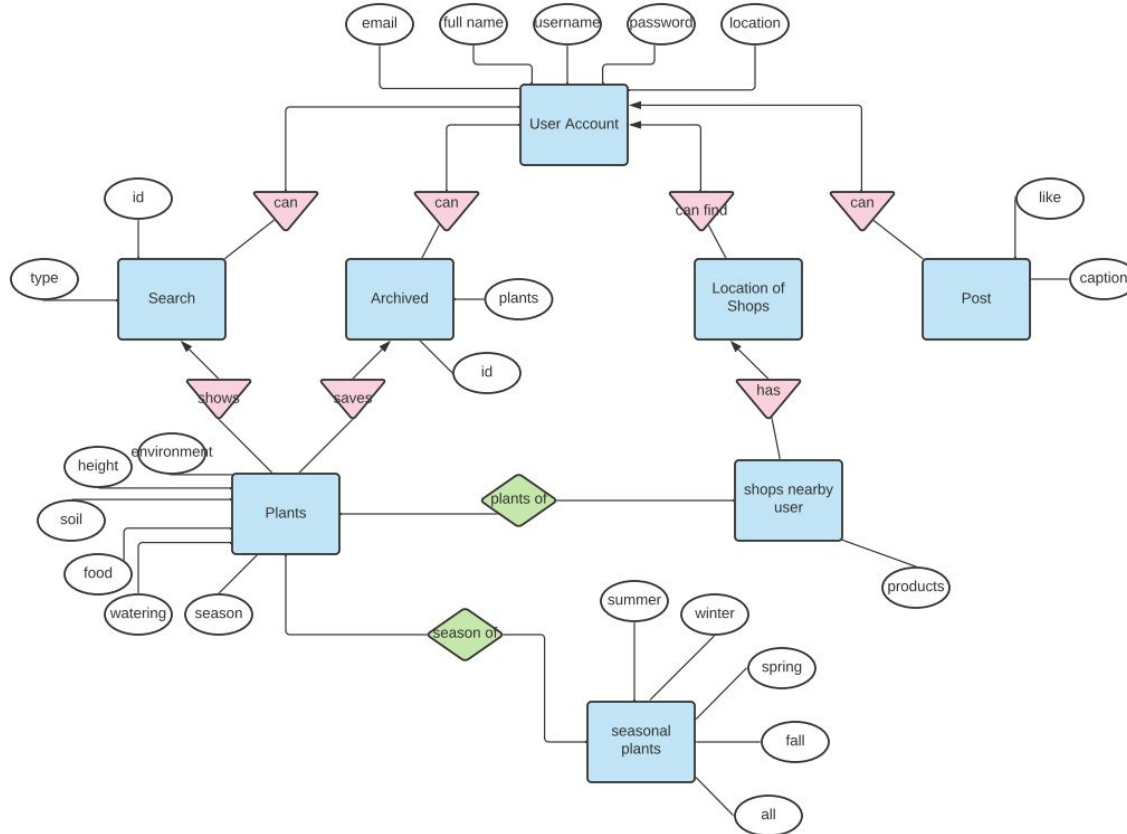
Most important Uses Cases

Things that the user will be able to do:

- Will be able to search up different plants
- Look at what plants are good for seasonal/different weather conditions
- Post their own tips of plants they have under the description of each plant
  - (kind of like when you're online shopping and there are reviews after the description of the item you are looking at)
- Bookmark the plants they would like to keep up with
- Find the location of plant shops/resources nearby

Use Case Diagram

E/R Diagram

Relational Schema

User account

user_username	char
user_password	char
user_email	char
User_full_name	char
user_location	int

Location of shops

location_user	int
location_shops	int

Post

post_caption	char
post_like	int
post_username	char

Shops nearby user

shops_products	char
shops_location	int

Plant Information

plant_type	char
plant_soil	char
plant_watering	char
plant_height	int
plant_food	char
plant_environment	char
plant_season	char
plant_id	int

Seasonal Plants

sPlant_spring	char
sPlant_fall	char
sPlant_winter	char
sPlant_summer	char
sPlant_all	char
sPlant_environment	char

Archived

archived_plants	char
archived_username	char
archived_id	int

Search Plants

search_id	int
search_name	char
search_type	char
search_username	char