
Checkpoint 1

CSE 111

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Checkpoint 1 Requirements

- UML Use Cases in plain text
- UML use case Diagram
- Database design document in the form of E/R Diagram
- 6 Entities / 6 relationships
- E/R Relation Tables
- All materials appended into Github repository shared with TA

Github

Repository

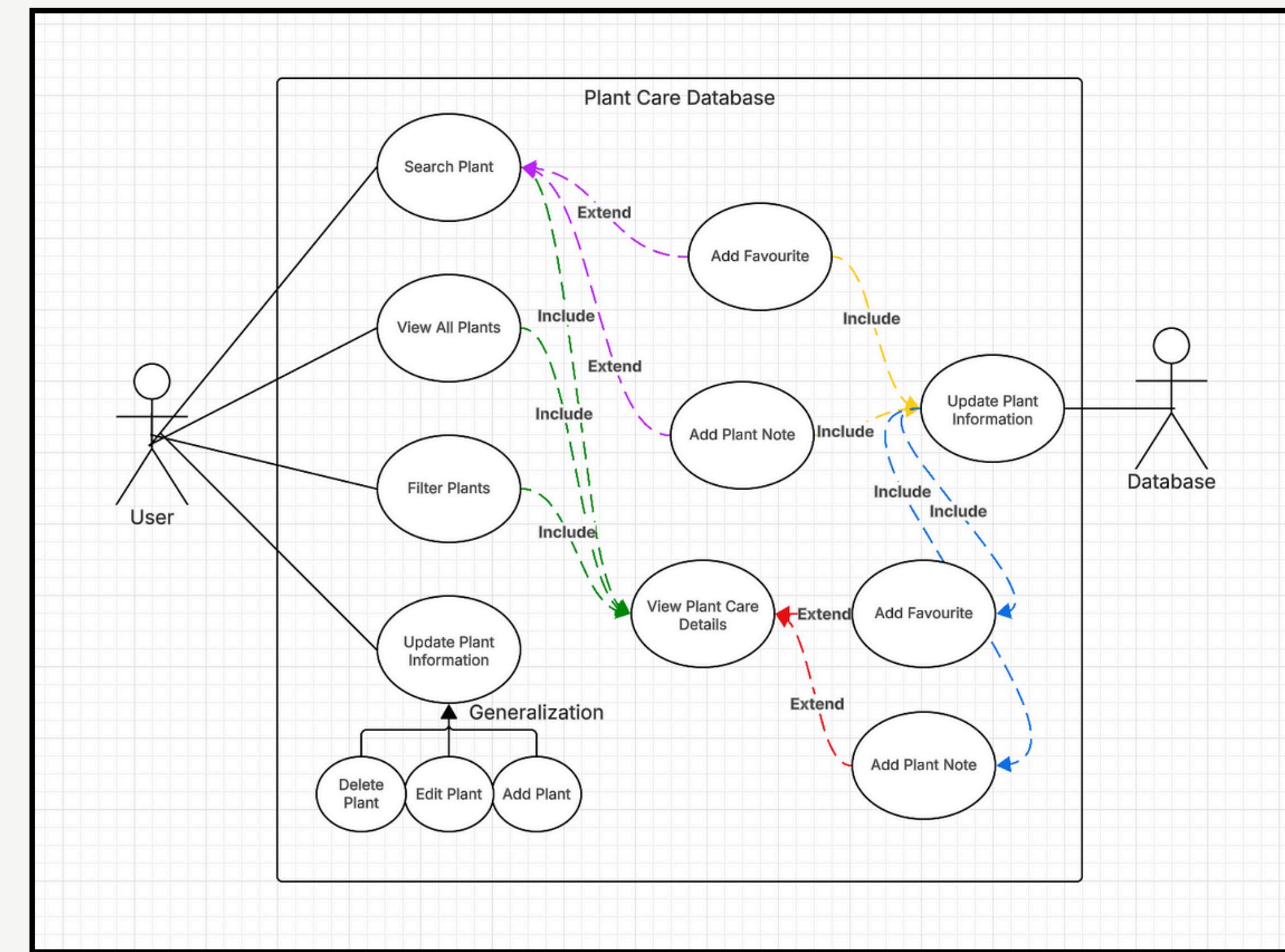
Github Repository

CSE 111 Project

Use Cases

- **Users can search for highway routes by county**
- **Users can look at route information; this includes highway names, distance and connected counties**
- **Users can look at segment and post mile data**
- **Users can check route status to see if they're available, under construction, closed, etc.**
- **Users can check county or state reports to summarize route metrics (conditions, postmile, etc.)**
- **Admins can add new routes**
- **Admins can edit existing routes**
- **Admins can delete routes**
- **Admins can update area information for specific counties**
- **Admins can update route information including conditions, new routes, status, etc.**

Diagram



E/R Diagarm

Diagram

E/R Diagram

Christine Doan

E/R Tables

Thank you

