Checkpoint 1 CSE 111

Presented by

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Checkpoint 1 Requirments

- 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
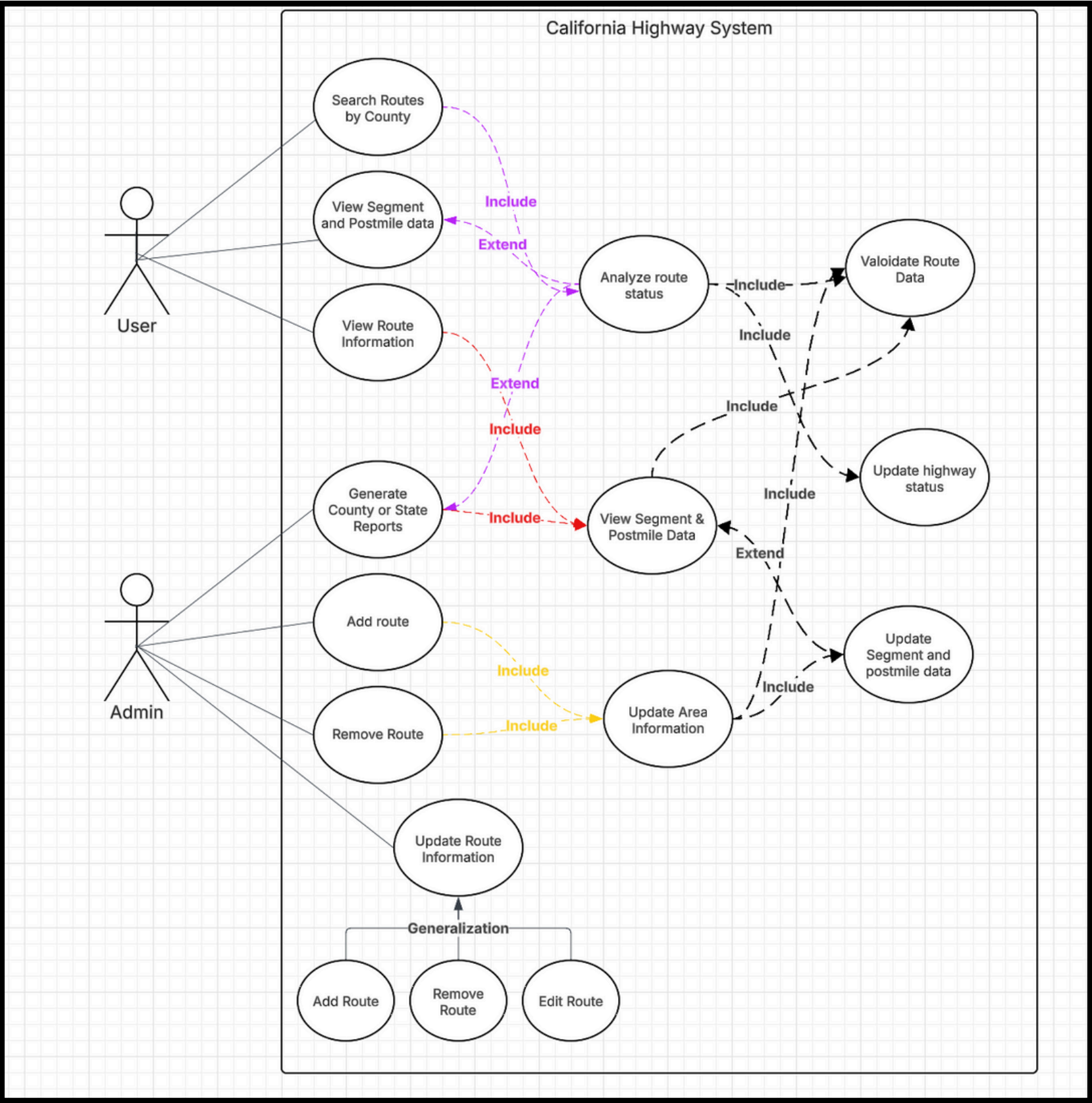
Github Repository

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.
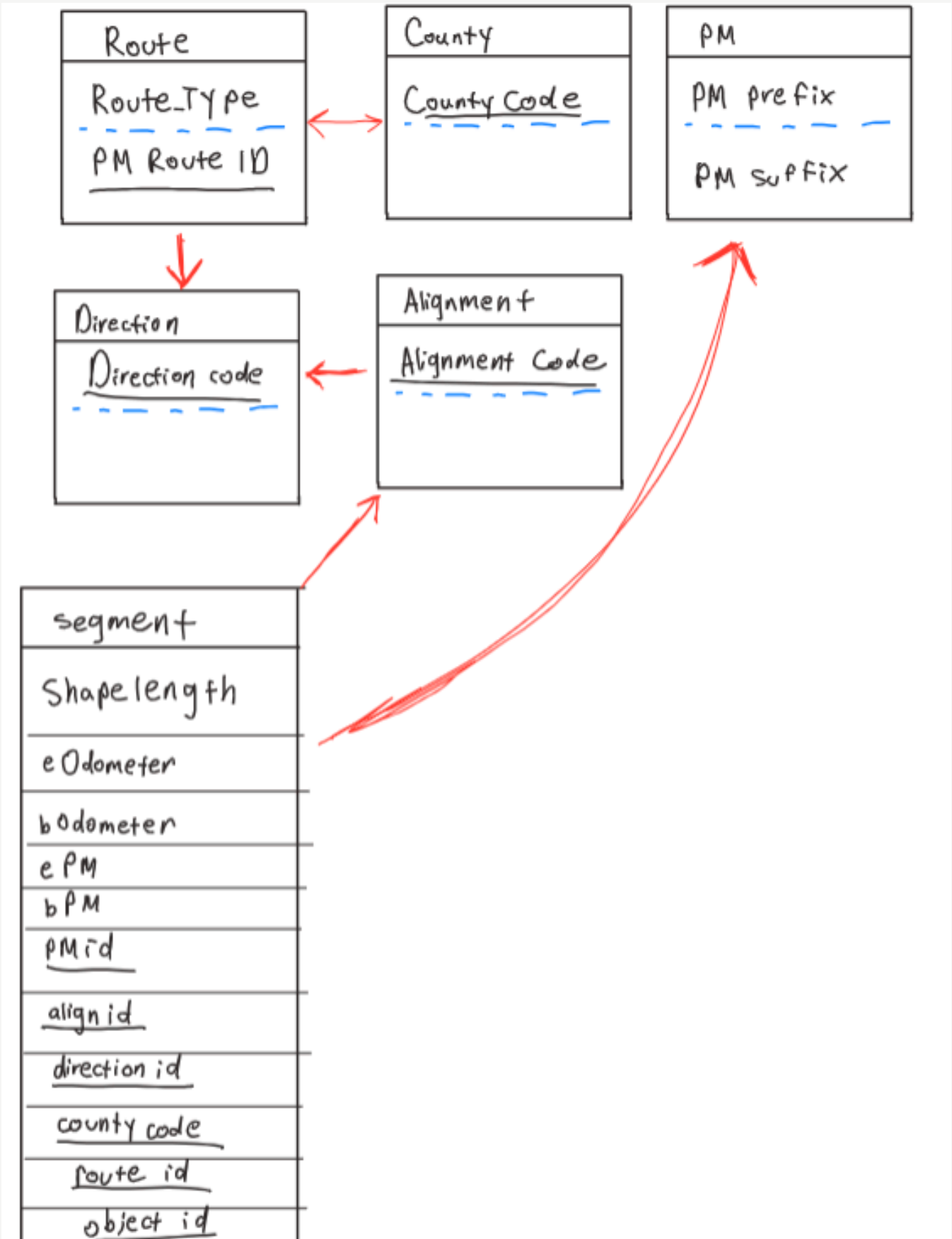
George Perez

Diagram

E/R Diagram

Christine Doan

E/R Tables

Thank you