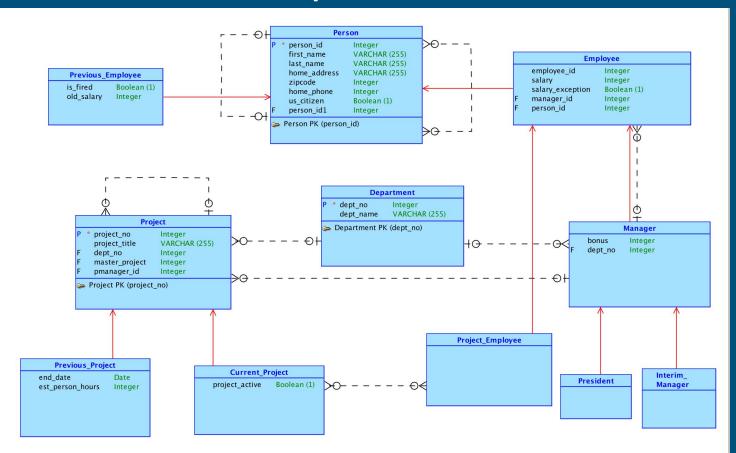
CS347 Final Project : Option A

By Derek Cornelius & Mario Solis

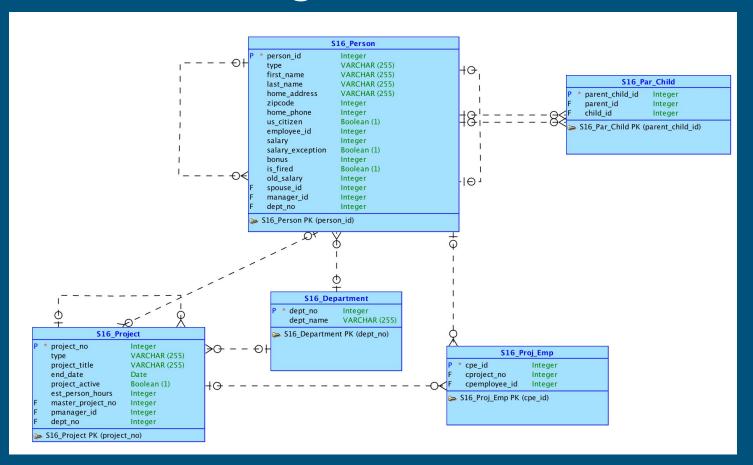
Part 1

Relational Implementation of SIM Database

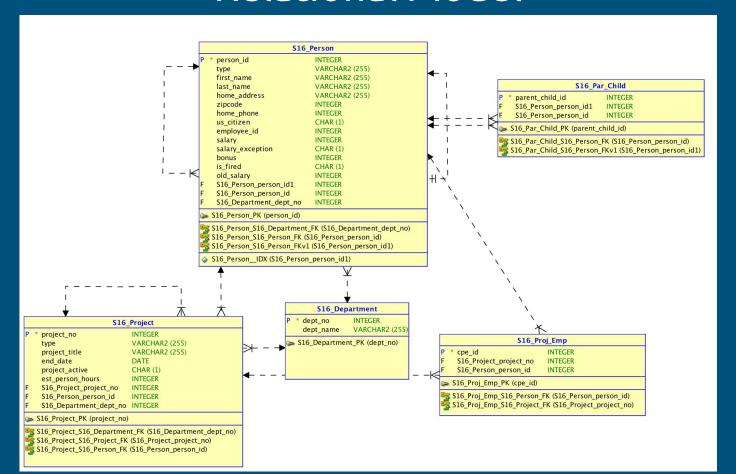
Conceptual Model



Logical Model



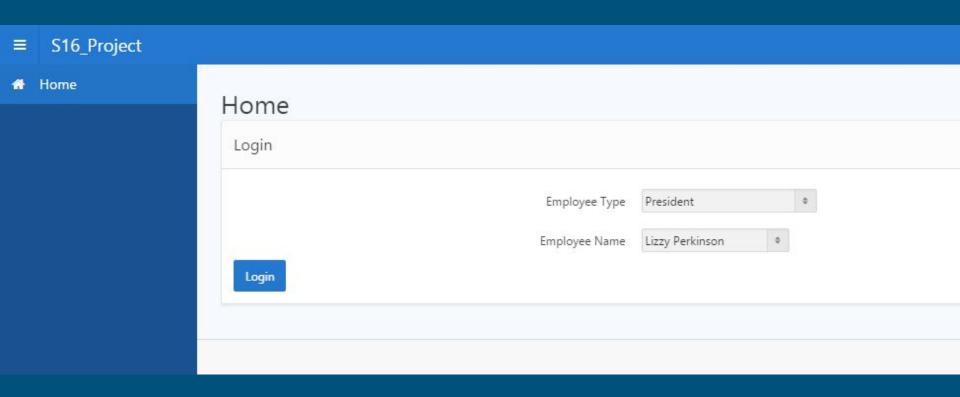
Relational Model



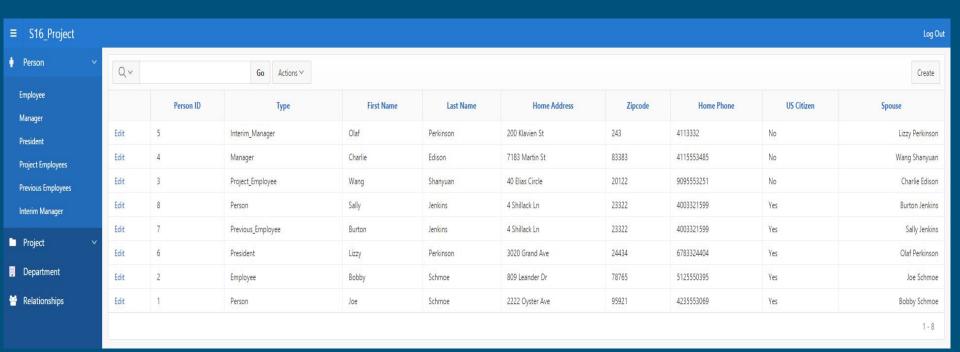
Apex Interface

- Login Page
- Form-In-Forms
- Class Reports, Creation Buttons, Creation Pages
- Update/Delete Pages
- Dynamic Select Lists (using shared components)
- Dynamic display values
- Page Redirection/Branching
- Permissions
- Many-to-Manys in their own tables
- Multiple Reports in one page

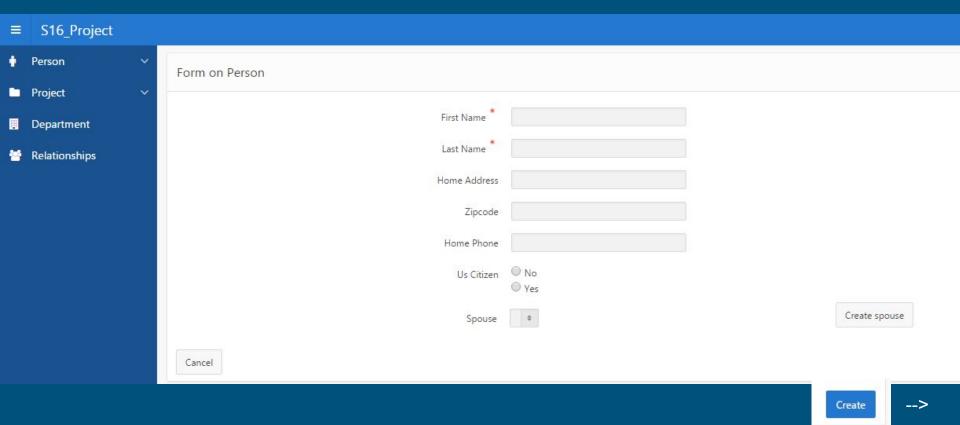
Login Page



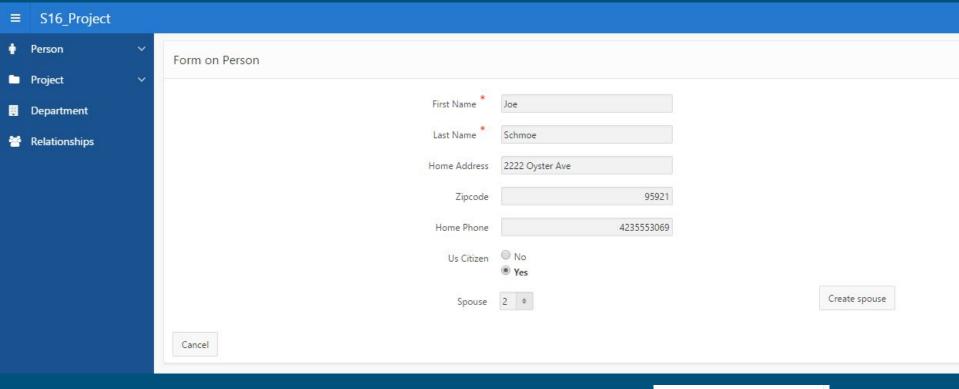
Report Page

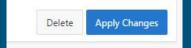


Form Page

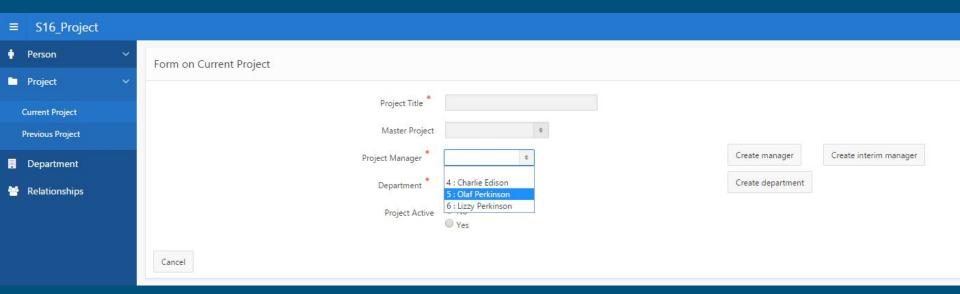


Edit Page

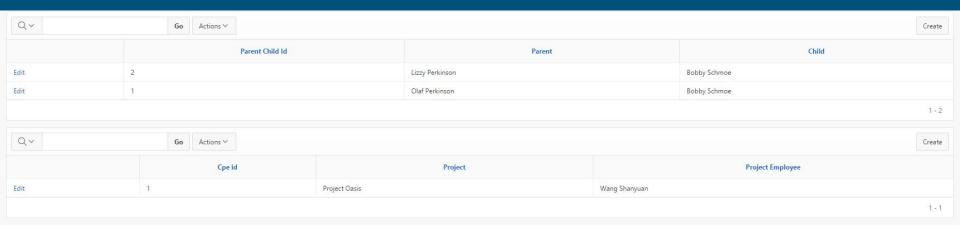




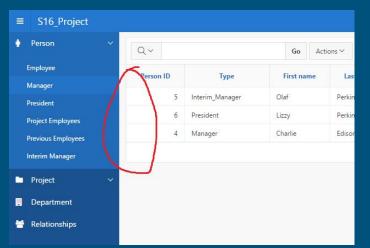
LOV and Form-in-Form



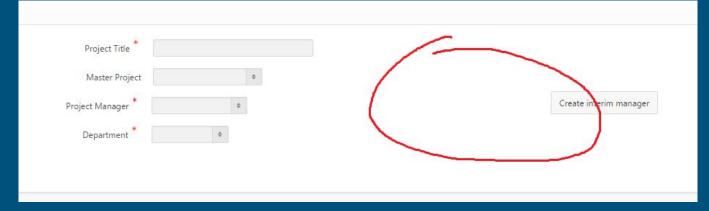
Multiple Reports



Permissions



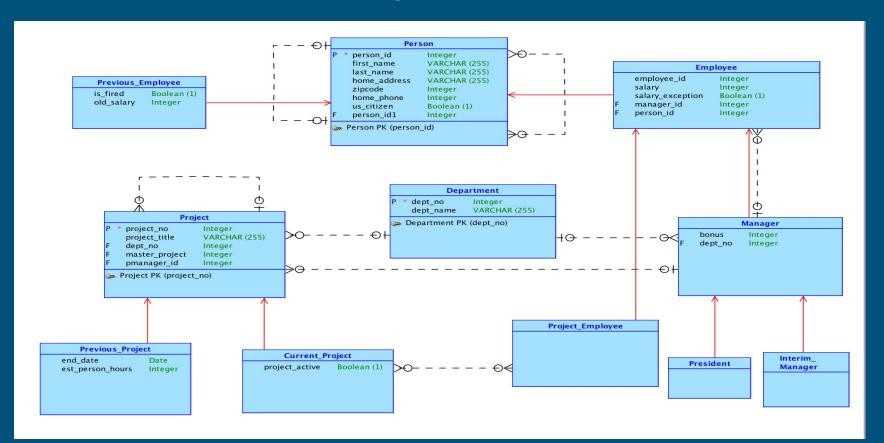




Part 2:

Carnot REST Service for SIM Database

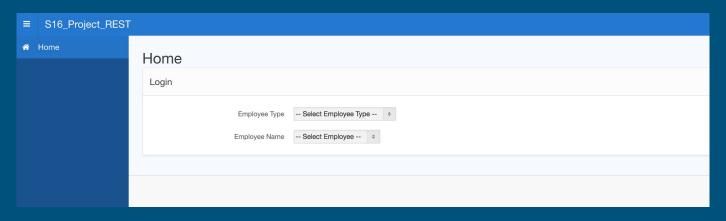
Conceptual Model

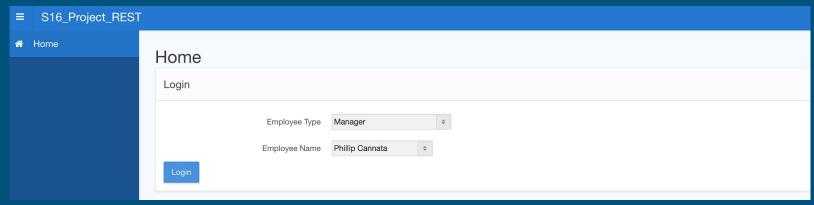


Apex Interface

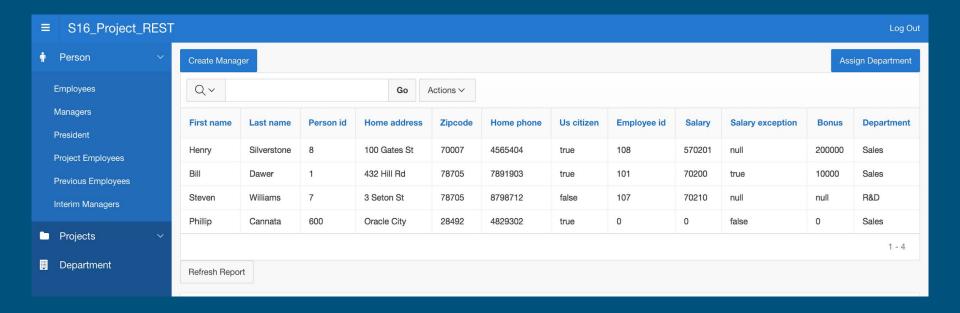
- Carnot REST Service on SIM Database
- Login Page
- Class Reports, Creation Buttons, Creation Pages
- Dynamic Select Lists (using doLOV)
- Limited Relationship Assignment/Editing
- Page Redirection/Branching
- Permissions

Login Page



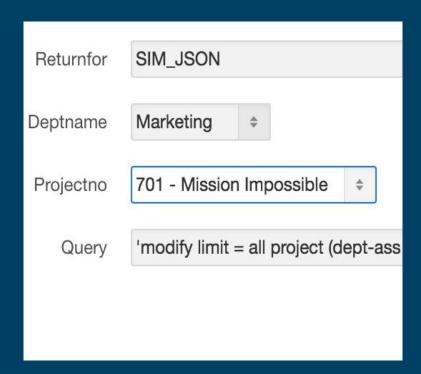


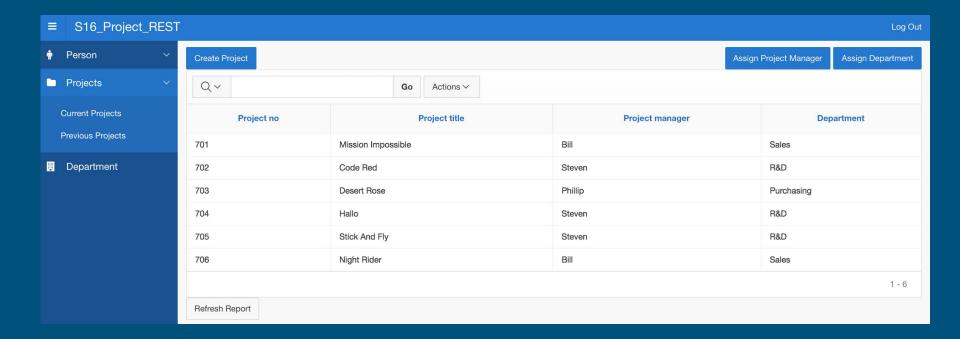
Managers Report & Create Button



Relationships

- Manager Class
 - Manager-dept (SV)
- Project Class
 - Project-manager (SV)
 - Dept-assigned (SV)





Github Repo

https://github.com/DerekCornelius/S16D3_347_Final_Project