ARL Application

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Requirements

Problem Statement

- Create Oracle APEX database application for the submission of Requests for Exception forms for review
- Allow ARL employees to create and submit Request for Exception forms
- Direct these forms through an approval process where they will either be returned for revision, rejected outright, or accepted as given

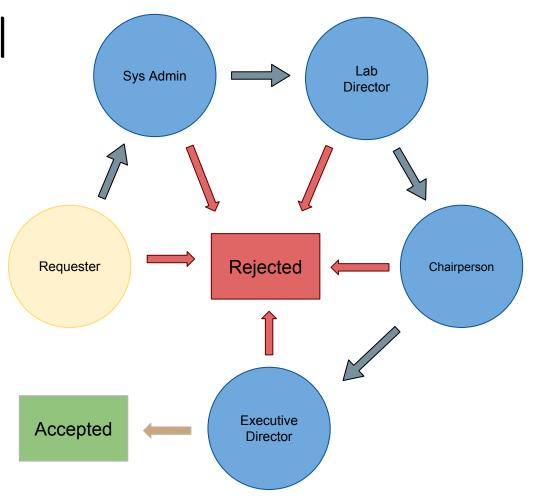
Requirements for Requesters

- "Login" as active employee
- View overview of relevant RFE's
- Allow for creation of RFE
- Allow submission for approval
- Allow requesters to recall RFE to revise

Requirements for Approvers

- Submit the RFE to the next person in the approval chain, or approve it if final approver
- Return the RFE to the requester for revision
- Reject the RFE completely

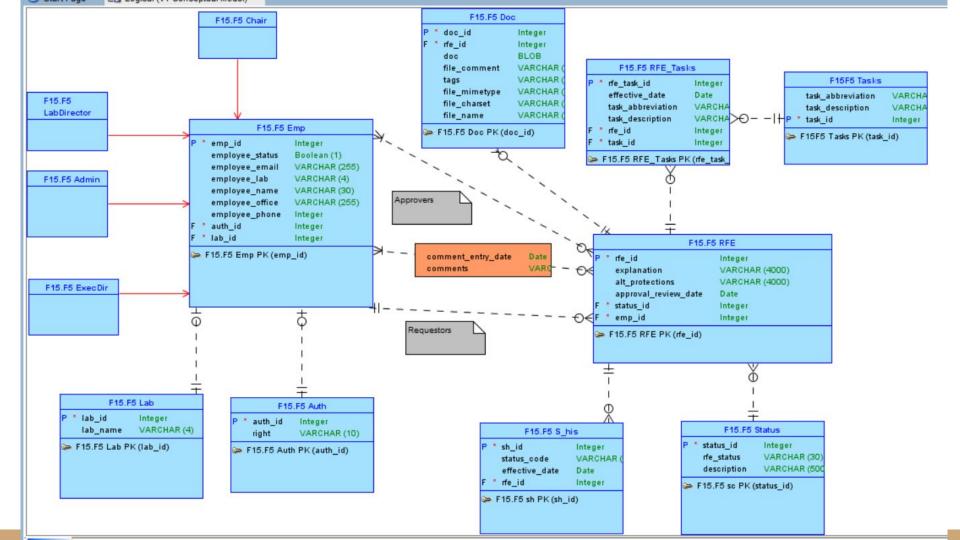
Approval process:



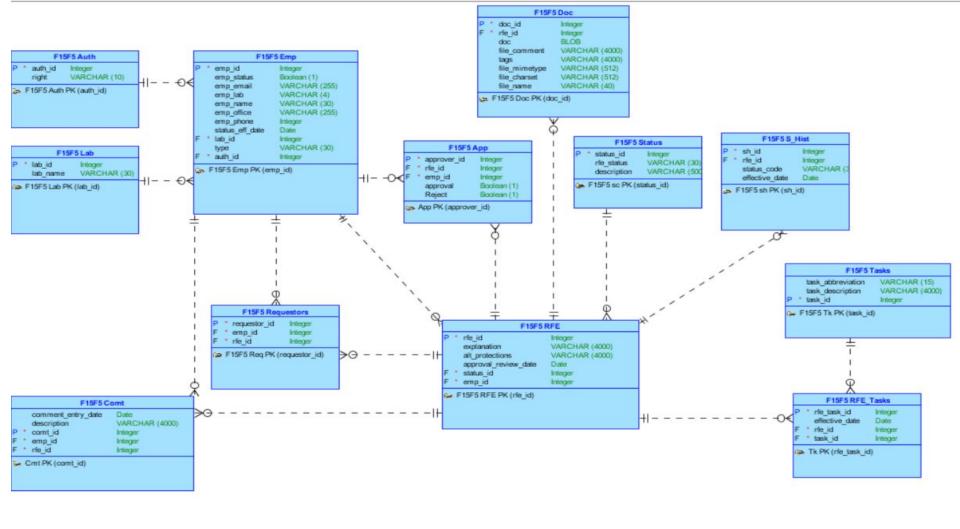
At any point, the RFE can be sent back to the requester or the requester can recall the RFE for revision

Models

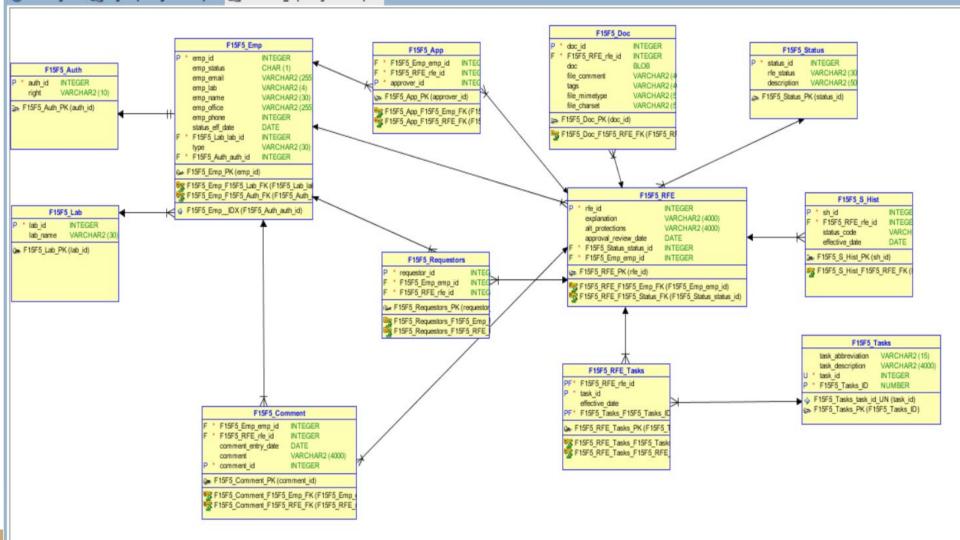
Conceptual Model



Logical Model

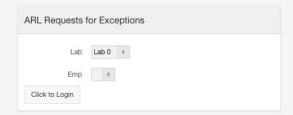


Relational Model



Link to Project

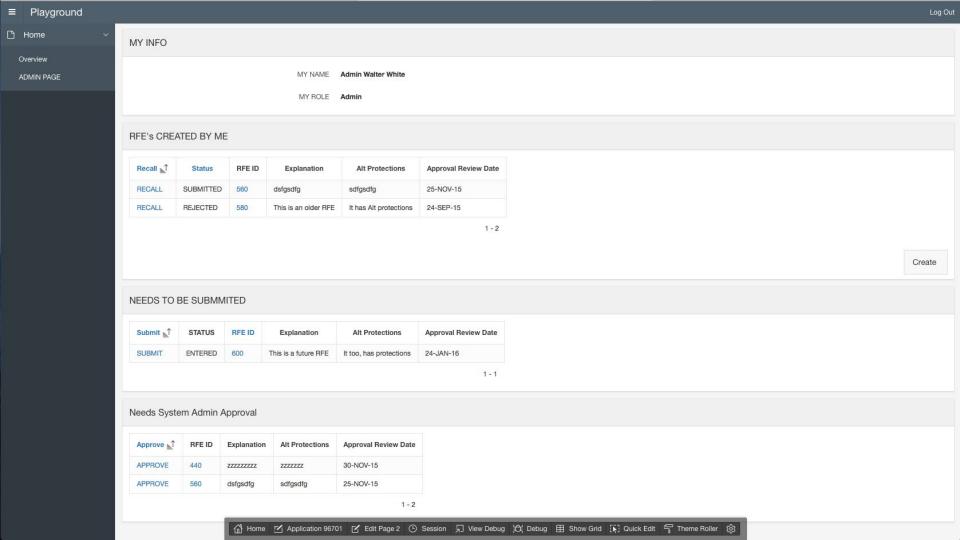
https://github.com/tschmidt64/F15F5-CS347-Project

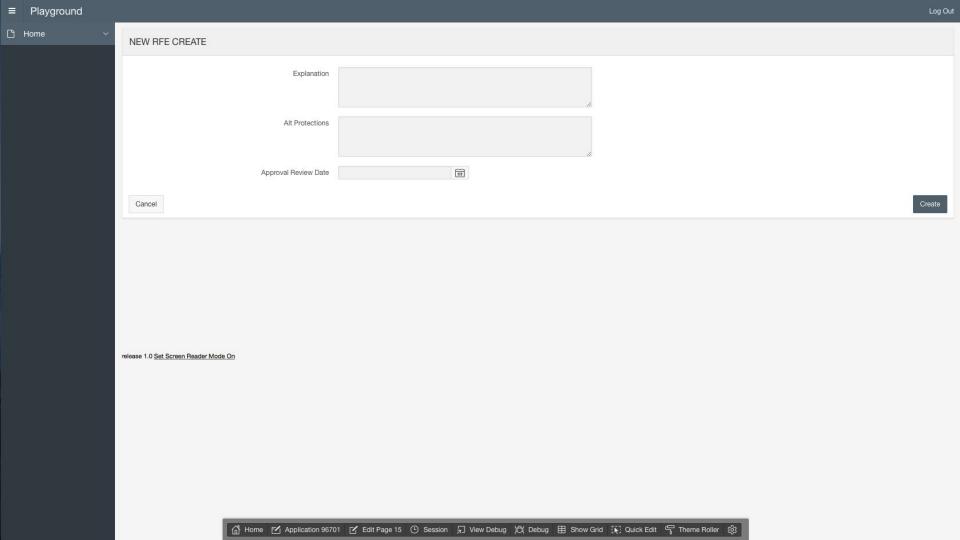


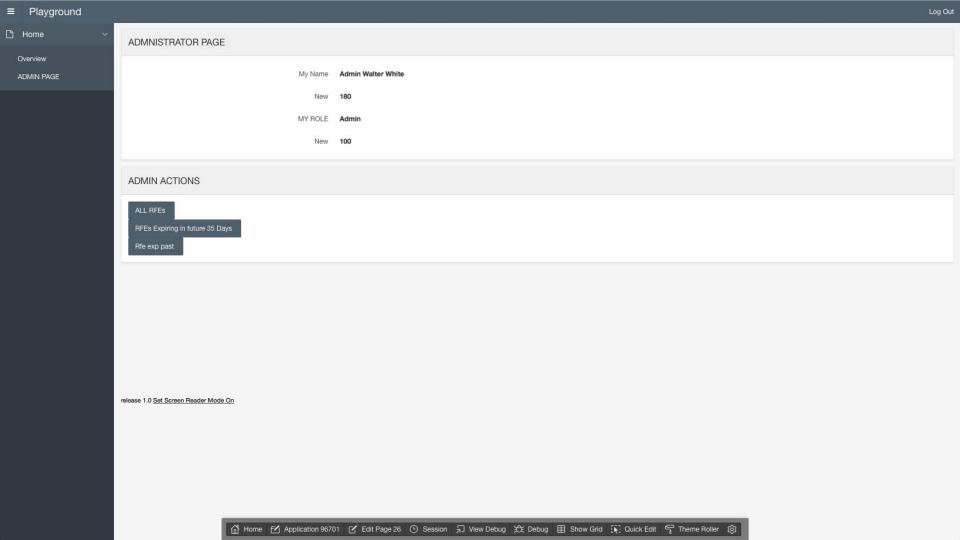








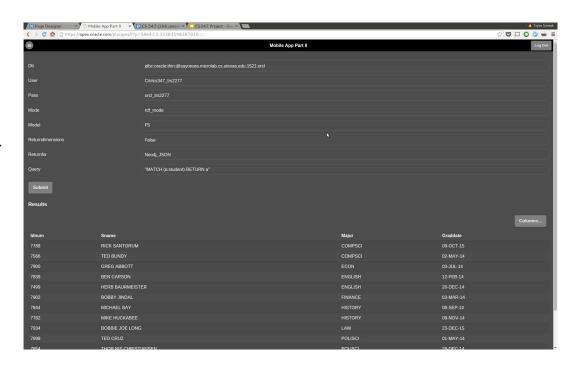




Part II

Mobile App

We made a small database of students and assigned them various majors and graduation dates



Thank you!

• Any questions?