Choose one of the following Projects A, B, C, ... For choices A and B, you'll need to implement all of the "Must Haves" and 2 of the "Good to Haves" at the following link in addition to the stated requirements. You may need some of the files in this this zip file to help with your implementation.

A.Build the ARL Notification List application

1. Requirements Document

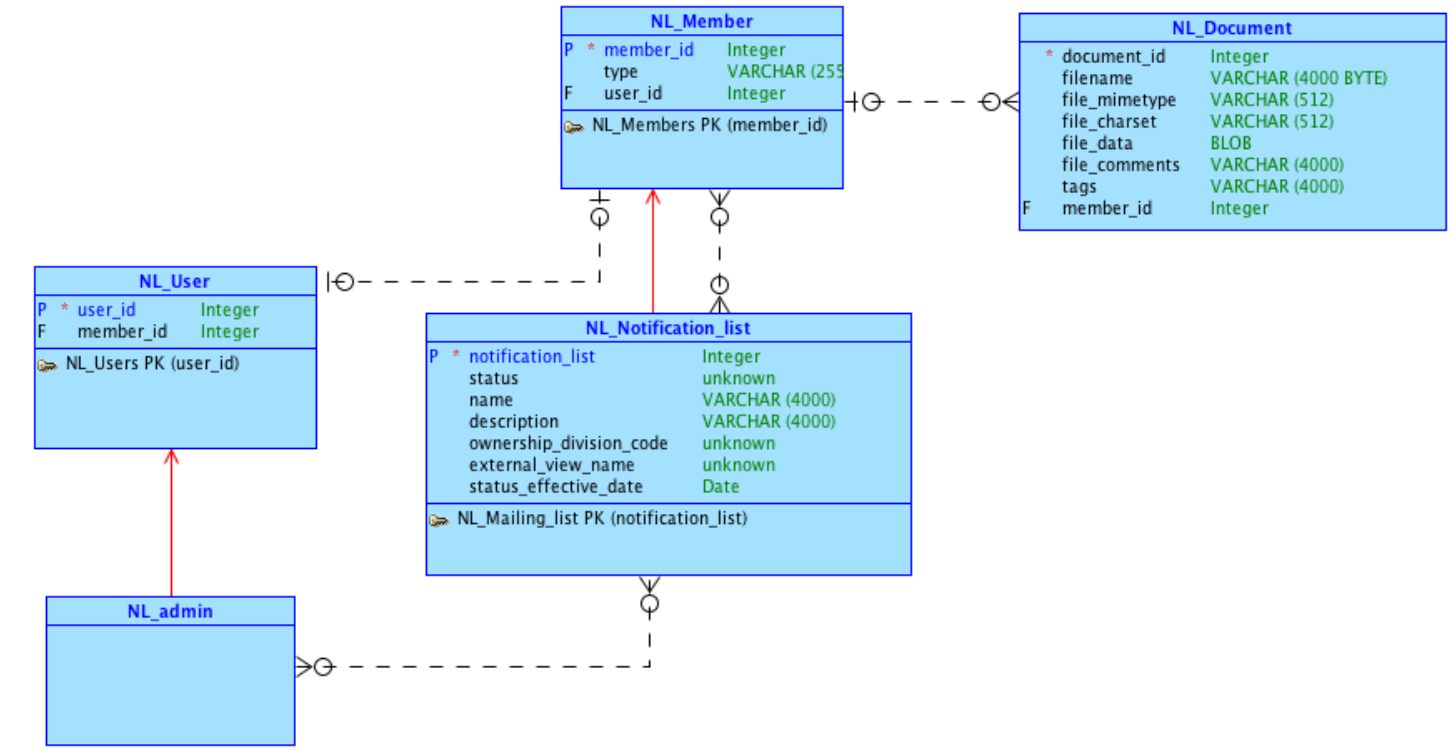
For the Initial Project Review please clearly and concisely present the following (yes, a PowerPoint presentation is a good idea):

1. Your Conceptual and Logical Data Models.
2. A list of questions for the customer.
3. The steps you took to be sure that you can implement the "Must haves" and "Good to haves".

Here's what my Conceptual Model looks like:

Daniel Dao, who works for Carrie Woodworth, asked her if a list can have multiple admins and this is a summary of what she said - "An admin user would have full access to create and change any list belonging to any lab or division." Essentially implying that an admin user has access to ALL lists and that lists can therefore have multiple admins.

If you use this Conceptual Model, don't forget to have the proper views in your implementation.



B. Begin the conversion of the Business Contracts application to a Property Management application. This is a very challenging project. Right now, two students from last semester and two students from the Spring 2014 semester are working on this. You could join the team and continue as a Summer CS370 project if you wish.

> Business Contracts Data Model zip file.
>
> URL for the Business Contracts application.
>
> Here's a link to an export of the Business Contracts application export that you can import into your APEXEA workspace.
>
> The zip with the apex export includes the file "UTBC_SCHEMA.sql" which is actually what you should use if you're setting up the tables/triggers/stored procedures/etc. into apex. Just run it as a script and it should create everything necessary to import and run the application (which is the "f201.sql" file.)

C. NoSQL Databases and APEX 5

- Build an intersting application of similar complexity to Option A using APEX 5 as the front-end GUI and a NoSQL or Graph database as

the backend.

Dr Cannata's APEX/RestfulReL applicaiton can be downloaded from here and uploaded into apex.oracle.com

D. Implement connections to SQLServer, MySQL, etc. in ReL

E. Get Apexea3 running with RestfulReL.

F. Implement the conversion of SQL subqueries to SPARQL subqueries. This could lead to a Summer CS370 Project.

G. Re-implement the SIM query language in ReL. This could lead to a Summer CS370 Project.

H. Talk to me about other ideas you may have.