**CASE STUDY DEVELOPMENT**

**GENERAL FUNCTIONALITY**

* Web pages needed
  + Welcome/Login Page
  + Form for inputting data (See Excel file for form template)
  + Results page containing (See Excel file for templates):
    - Dashboard
    - Proforma
    - Returns Summary
* Accordion options for each section on the Results page so you can expand/contract a section
* Two input options
  + One is a form to input fields for a new property. Once all fields are input and validated and a user clicks "submit" a new property is created and saved to the database. This property can then be modified and will remain in the database as both the original and the modified so the user has the option to choose either the original or the modified version.
  + Second option is an upload that allows an admin user to upload a file (probably Excel) with any number of new properties that will then be added to the database for future use. This option should include a "choose file" box that allows easy uploading of new files.  
    certain fields will have an option to add another row or data point (I.e., a + to add a new expense to a property or a - to remove an expense)
* Database
  + This doesn’t need to be anything crazy. Just something to store data from the forms and any modifications to properties.
* User login
  + Don't need crazy security at this point, just some way to allow each user to access the properties they've worked on and modified in the past
  + Superuser privileges for professors to view work for all users in a specific class/group/etc.

Before specs are created, I’d like to discuss the preferred way with a developer.

Some preferences for developer:

* Object-oriented programming experience
* Financial background (most of the calculations are relatively simple, but it would be helpful if the developer understood the flow of data and calculations - ore complicated calculations include: IRR, NPV, PV)