

James Elam

SWDV 691-1

## Feedback Considerations: Student Loan Calculator

Most of my initial design for this application will remain the same, however, there are several items that will be changed. These items were either suggested during our peer review assignment or I noticed they would be an issue during my process of initializing my repo and project structure.

### I. Application Name

While the current scope of the project is tailored towards Student Loans, I will start naming and branding everything as “Loan Payoff Calculator”. This will make expanding the application easier in the future.

### II. Database Models – IsDeleted Attribute

During my initial design of my database models, there was a single table with a “IsDeleted” attribute. My peer reviewer made note of this and questioned the purpose and why it only existed on one model. The primary purpose is to allow for objects to be “soft-deleted” rather than permanently deleting their data. Moving forward, I plan to replace “IsDeleted” with “DateDeleted” and to add this attribute to all models. They might not serve a purpose, but could be useful in the future.

### III. Database Models – Date Attributes

For consistency and auditing purpose, I plan to add “DateCreated”, “DateUpdated”, and “DateDeleted” to all models.

### IV. Database Models – User Attributes

After some additional research on OAuth 2.0 on implementing account creation and login with Google/Facebook, I am making these items in the applications MVP. As a result, “FacebookID”, “GoogleID”, and “CreationMethod” will be added to the User model. CreationMethod will have enums of “local”, “facebook”, or “google” to denote how the account was created.

### V. Backend Documentation – Swagger

For development and testing purposes, I will be creating swagger documentation around the REST api.

As a result of these changes, the MVP will be adjusted to include the additional social media login methods "Facebook" and "Google". Beyond User Account Creation, the MVP will remain the same.