

Senior Design Task List

Student Loan Calculator

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Goal: Build a student loan calculator which enables students to make a plan for debt repayment.

Tasks:

Research repayment options, what income levels for qualification?

Build HTML form for inputting a loan

Submit button on Input Loan form - event handler.

Adds loan details to loan list object in data handler.

Build HTML form for inputting other info

Submit button on Other Info feeds data to data handler

Build Data Handler struct which stores data.

Make a heuristic for scenarios. (used in queue)

Research deferment on different plans

Implement 4 nested for loops that vary the: repayment options, total monthly payments, refinance options, and debt strategy. For building scenarios.

Build HTML GUI that compares scenarios side by side

In scenario comparison, plot graph/timeline that shows the amortization schedule.

Write information text displays that explain to the user certain terms and how loans work.