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3380-Object_Oriented_Design
due 2020-December-11
Github_link: https://github.com/nicksettoon/3380-xCourse

xCourse Post Mortem

What worked for your project?

Our initial goals for the project included generating and displaying a degree flowchart from a database entry, comparing two degree flowcharts side by side, allowing a user to add and remove courses from a semester plan, allowing a user to display a minor, allowing a user to choose from a list of courses for each elective slot in a given flowchart. We were able to implement the first two successfully. The information for a flowchart is stored and retrieved from a database. Adding future degree paths should be nothing more than data entry.

What didn't work for your project?

The latter three of our initial goals proved to be more time consuming than previously expected and as a result were not finished for this project deadline. However, they are not impossible and we intend to continue working on the project in future. The flowchart software suite we used for this MVP does not root the course bubbles in place. We are unsure of how difficult a problem this would be to fix.

If you did the project a second time, what things would you do differently?

In general, dedicating more to the project would definitely produce a better product. We would also like to have some sort of website scraping layer for gathering the most up to date degree data from LSU's course catalogue. We believe it might have saved time in the long run and resulted in more degrees in the system.

In the face of rapidly changing technology, how would you keep yourself updated with respect to the technological aspects of the project?

We would add a set of features that allow us to interact with the users of the application, whether that be asking for opt-in usage data, or a social media account for users to let us know about issues and request new features. Finally, researching and possibly using different database backends, website frameworks, and web hosting technologies such as noSQL, ELM, and cPanel.