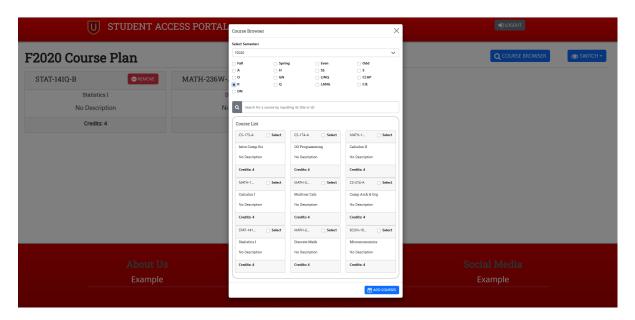Will Gillette

Dr. Mongan

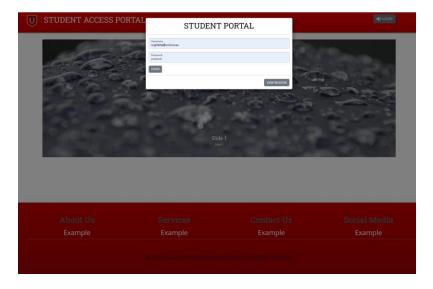CS-375: Software Engineering

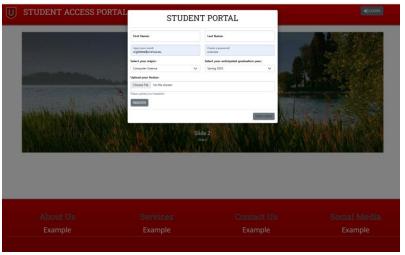17 March 2023

Standup Reflection #3

Prior to the last sprint, I took a primary role in completing the design report and began implementation of the application. I spent a vast amount of time during Spring break working on the Gantt chart tasks pertaining to the degree planning aspect of our application. This included fetching the existing course plan from the server and displaying it on the client, creating the ability for users to view each semester's plan, implementing the ability to remove courses from a plan, and setting up the course browser component to enable users to filter the course catalog and select courses to add to their plan. Here is our current prototype of the application following all my work during the break:

To prepare for the upcoming sprint, I plan to take a role in performing the database checks and validation checks on the server side of our application. After having made a lot of progress over the break, I assigned Gantt chart tasks to my group members and plan to check in with them to ensure they are making progress and help out as needed. This is an area of personal development that I am working on; I want to ensure that my group members have room to make a lot of contributions and avoid burning out on my end. I do not believe we have hit any technical roadblocks yet, but it may be challenging for us to integrate the database into our application. Ultimately, I think we are in a strong position and right on schedule with our Gantt chart tasks. Here is our updated Gantt chart:

ACTIVITY	PLAN START	PLAN DURATION	ACTUAL START	ACTUAL DURATION	PERCENT COMPLETE	Feb 22nd 1	March 1st 2	March 8th 3	March 15th 4	March 22nd 5	March 29th 6	April 5th 7	April 12th 8	April 19th 9	April 26th 10
Learn Relevant Tools, Landing Page: User Authentication and Registration	1	2	1	2	100%										
Set up React Router and create necessary routes	1	1	1	1	100%										
Develop the database schema including user info, course info, majors, etc.	2	1	2	0	50%										
Create microservices for querying the database and implement the database	2	1	2	0	50%										
Progress Page: Design and display user info (Name, GPA, Year, etc.)	3	2	3	0	0%										
Progress: Interactive Requirments chart	3	2	3	0	0%										
Progress: Self-selection of requirements (ex h&o)	5	2	5	0	0%										
Planner: Course Filters (Every spring, every other year, etc.)	5	2	5	1	100%										
Planner: Design and Viewer	5	2	5	1	100%										
Planner: Course Browser and Selection	5	2	6	1	100%										
User Testing	6	1	6	0	0%										
Project Presentation	7	1	7	0	0%										
Aspirant Scope	8	4	8	0	0%										