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Internet Systems Programming

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Final Term Project Progress Report

Our group has decided to create a 5-year BS/MS course tracking website application that will allow users to input the courses they have completed or are currently taken and compare it to the generic schedule that the Department of Advising gives to students interested in the 5-year track. This application will also allow students to compare the classes they have taken to the requirements set by the degree progress report. It will also allow them to view their past schedule with courses they have taken and the future classes they will take according to the generic schedule. This visual will allow students to understand when they can take courses and how their plan looks with all five years together. The database will be designed in two tables, essentially. The first table will hold the degree requirements for the 5-year program with some generic classes added for the general education categories. The second table will store the user inputs thus meaning the classes they have taken and received credit for. This is planned to be implemented through the use of a SQL database where the data access layer will be done through PHP which will allow the logic frontend to be JavaScript. The work will be split evenly among the three members of the team where we will attempt to complete trio programming (similar to pair programming) where we will screen share our coding work. If schedules conflict, the basic responsibility of the database formation will be Zach’s responsibility, the data access layer will be John’s responsibility, and the frontend and the UX design will be Ahmed’s – resulting in an even 33% split of responsibility and work.