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CS-372

Final Project Specification

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My application is designed to help students schedule classes at Whitworth. I always have difficulty finding classes that I have the prerequisites for that are at times that I am available. My program will pull from Pirate Port all of Whitworth’s classes and details about them. It will check the total credits, what times the classes are offered, and if you are qualified to take the class.

My program will have several classes. There will be a User class where users can enter information about themselves like their name and what classes they have taken. There will be a Class class that holds all the information about the classes, such as their ID, their name, what time the class is, who teaches it, etc. There will be an Interface class that will help the user search through classes, add classes to their schedule, and see information about their schedule.

I anticipate most challenging will be using all of the data that I get from Pirate Port. Some details such as classes that are on different times during different days may be left out. I’ll need to have a good way to sort through all the classes and have lots of conditional statements that check the validity of taking a class. This could get messy.

I’ve already started working on the Regex expressions to sort through the Pirate Port data. I need to get an ArrayList of all the offered classes filled with all the information available.