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Dr. Tucker | Computer Science 2

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Final Project Requirements Specification

Problem Definition: Design an appointment system that can be used by an office in the medical field. This program should take the Patient’s name, date and time, and the medical professional’s name they are meeting with. If an appointment being scheduled conflicts with an appointment already scheduled (within 30 minutes of each other) the program needs to output an error message. The program must give the ability to search patient’s names and output the appointment date, time, and medical professional’s name and what type of doctor they are. The program must also display the appointments within 2 weeks of real-time in order of soonest to latest. The program must save the appointments by outputting them to a text file and be able to read the text file when the program is started.

Class UML’s

