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CS-172

Final Project Proposal: Study Game

We will create a study tool that allows users to create virtual flash cards of any subject that can then be randomized and output to the user as a study tool. We will begin our approach by creating UML diagrams that detail the classes that will be required. This project will also require the use of file IO to store the user’s data (Name) and their customized card set. Some difficulties that we may encounter will be creating a user-friendly interface that will allow users to enter multi-word card faces and card backs. We will also look for ways to incorporate inheritance, polymorphism, and recursion throughout some of our classes.