AS Capstone Project Proposal

Summer 2018

Project Name: Study Site

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Project Description

I am proposing a dynamic web site that will assist users in studying and tracking assignments. Each user will have their own personal account with the ability to manage events and tasks as well as prepare for tests, quizzes, presentations, and other assignments. Users will be able to create flashcards and review them as needed. There will be a "Create Quiz" option for each set of flashcards that will display the question portion of each card with multiple choice options using the original answer provided by the user along with answers to other cards. A calendar will be available to the user to add, edit, or remove upcoming events, assignments and appointments. Upon signing in, the user will be reminded of upcoming assignments.

Functionality

Functionality of the site will include the following:

- Secure login for all users
- The ability to create graded quizzes that prompt a user response and keep track of correct and incorrect answers
- Users can:
    - Add/Edit/Delete/Search topics/subjects
    - Add/Edit/Delete/Search events
    - Add/Edit/Delete flashcards
    - Add/Edit/Delete personal information
    - Manage an event calendar
    - Request quizzes for any set of flashcards

Development Platform

The site will be a web based app, coded in PHP with MySQL as the DBMS.