

Software Development Capstone Topic Approval Form

The purpose of this document is to help you clearly explain your capstone topic, project scope, and timeline. Identify each of these areas so that you will have a complete and realistic overview of your project. Your course instructor cannot sign off on your project topic without this information.

Note: You must fill out and submit this form. Space beneath each number will expand as needed.

Any cost associated with developing the application will be the responsibility of the student.

INFORM MENTOR:

Potential use of proprietary company information: (Y/N)

ANALYSIS:

1. Project topic AND description:
 - a. Appointment scheduling application. Ability to add, update and delete appointments. Ability to add, update, and delete customers. Appointments can be connected to different contacts and customers. Will have a separate page that displays set reports based on business needs.
2. Project purpose/goals:
 - a. To have a functioning appointment scheduling application. The application will have the ability to add, update, and delete both appointments and customers. The application will give an alert upon login if there is an appointment within 15 minutes of the users current local time. Various reports will be populated on the "Reports" page.

DESIGN and DEVELOPMENT:

1. Application Type (select one):
 - Mobile (indicate Apple or Android)
 - Web
 - Stand-Alone
2. Programming/development language(s) that you will use:
 - a. Java
3. Operating System(s)/Platform(s) that you will use:
 - a. IntelliJ IDEA on a Windows Computer
4. Database Management System you will use:
 - a. MySQL Database engine
5. Estimated number of hours for:
 - i. Planning and Design: 2
 - ii. Development: 5 (Most of project is already built and functioning)
 - iii. Documentation: 5
 - iv. Total: 12
6. Projected completion date: 04/17/2023

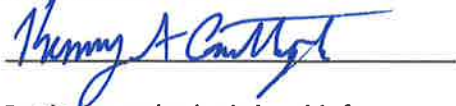
IMPLEMENTATION and EVALUATION:

1. Describe how you will approach the execution of your project:

- a. By utilizing already built and functioning code I will tailor the project to ensure all requirements are met, clean up the code to be more professional, and create all required documentation. Will test application to ensure there are no bugs and the application runs as expected.

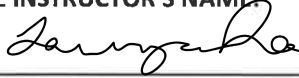
☒ This project does not involve human subjects research and is exempt from WGU IRB review.

STUDENT SIGNATURE



By signing and submitting this form, you acknowledge any cost associated with development and execution of the application will be the responsibility of the student.

COURSE INSTRUCTOR'S NAME:



COURSE INSTRUCTOR APPROVAL DATE:

5/1/2023