

## 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:

This is a stand-alone scheduling application designed for a global consulting organization that will include customer information, appointment information, contacts information, and reports. The application is username/ password protected.

2. Project purpose/goals:

The main goal is to build a functional scheduling application for the global consulting organization. Schedules should be able to:

- Modify, add, or delete appointments
- Modify, add, or delete customers
- Modify, add, or delete contacts
- View upcoming appointments for the next 7 days or next 30 days
- Run different reports

### 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: JAVA FX

3. Operating System(s)/Platform(s) that you will use: Windows 10

4. Database Management System you will use: MySQL

5. Estimated number of hours for:

- i. Planning and Design: 25hrs
- ii. Development: 45hrs
- iii. Documentation: 25hrs
- iv. Total: 95hrs

6. Projected completion date: July 27, 2021

**IMPLEMENTATION and EVALUATION:**

1. Describe how you will approach the execution of your project:
  - a. Plan out the application, features, and desired plan for the application on paper.
  - b. Create wireframes and review features and plan
  - c. Ensure database is setup correcting
  - d. code
  - e. Create and test the different features in the application
  - f. And search functionality to the report
  - g. Test
  - h. Document functionality
  - i. Submit

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

**STUDENT SIGNATURE**

A handwritten signature in black ink, appearing to read "Jay H. H.", is written over a horizontal line.

**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:**

A handwritten signature in black ink, appearing to read "Elaine Moran", is written over a horizontal line.

**COURSE INSTRUCTOR APPROVAL DATE:**

July 13, 2021

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