**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) - **No**

**ANALYSIS:**

1. Project topic AND description: **Expansion on the Scheduler Moble App developed in course C196. It will be Scheduler Mobile App 2.0**
2. Project purpose/goals: **The purpose of this project will make significant improvements to the Scheduler Mobile App by introducting improvements to the user interface design, color scheme, and application features.**

**DESIGN and DEVELOPMENT:**

1. Application Type (select one):

* Mobile (indicate Apple or Android) **Mobile: Android**
* Web
* Stand-Alone

1. Programming/development language(s) that you will use: **Java**
2. Operating System(s)/Platform(s) that you will use: **Mac Operating System Montorey 12.0.1 usinig IDE Android Studio Artic Fox 2020.3.1 Patch 3**
3. Database Management System you will use: **Room persitent library as an abstraction layer for SQL Lite**
4. Estimated number of hours for:
   * 1. Planning and Design: **8 Hours**
     2. Development: **20 Hours**
     3. Documentation: **12 Hours**
     4. Total: **40 Hours**
5. Projected completion date: **12/31/2021**

**IMPLEMENTATION and EVALUATION:**

1. Describe how you will approach the execution of your project: **I will put all of planning, development, and professional communication that I have gained while attending WGU toward this project.**

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

STUDENT **SIGNATURE**



**­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_**Greg Westmoreland**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**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:**