

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 Mobile 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 introducing 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
2. Programming/development language(s) that you will use: Java
3. Operating System(s)/Platform(s) that you will use: Mac Operating System Monterey 12.0.1 using IDE Android Studio Arctic Fox 2020.3.1 Patch 3
4. Database Management System you will use: Room persistent library as an abstraction layer for SQL Lite
5. Estimated number of hours for:
 - i. Planning and Design: 8 Hours
 - ii. Development: 20 Hours
 - iii. Documentation: 12 Hours
 - iv. Total: 40 Hours
6. 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.