

IT Capstone Topic Approval Form

The purpose of this document is to help you clearly explain your capstone topic, project scope, and timeline and to ensure that they align with your degree emphasis. Without clearly addressing each of these areas, you will not have a complete and realistic overview of your project, and your course instructor cannot accurately assess whether your project will be doable for the purposes of these courses.

Of course, if this a project that you have already completed at work or elsewhere, this should be easy to fill in! Most students use a project that they have already completed in the past year or two. In that case, you will write the proposals (Tasks 1 and 2) as if the project has not been done yet, and Task 3 as the complete post-implementation report.

Complete this form and send it (via UGCapstoneIT@WGU.edu) to your course instructor for approval. Once approved, you will receive a signed document in PDF format that you can upload as part of Task 1.

DEGREE EMPHASIS: Information Technology

ANALYSIS:

Project Topic – Design and implement an app where employees can access work related programs/applications from any device on employers’ network

Problem Statement or Project Purpose – Kali Aero is a very large aerospace company with over 11,000 employees in the Savannah area. They have been experiencing issues with jobs taking longer than usual to complete. This issue comes from not all employees having direct access to a work computer to log on. The purpose of this project is to create an app where employees can access applications needed to complete their work on any device at any time.

DESIGN and DEVELOPMENT:

Project Scope

a. Project Goal(s) and Supporting Objectives –

- Goal: Create an app that allows employees to access work related applications
- Objectives:
 1. The apps interface will reflect the company’s branding and user preferences.
 2. There will be a centralized platform for storing policies, company announcements and important company documents.
 3. Making sure the app is accessible on mobile devices and desktops.
 4. App will be compatible with existing company systems and support third-party integration.
 5. Develop a system that manages user roles

b. Project Outcomes and Deliverables –

1. Initial design will be drafted and provided for stakeholder feedback
2. Provided milestone updates on app development
3. Resources and training will be provided to employees on using the app and IT support will be given documentation to be able to support and develop the app in the future.
4. Prior to final release a Beta version of the app will undergo internal testing and feedback will be provided.

5. Final release of App is fully functional and supports internal workflow

- c. Projected Project End Date – This project should be completed within 6 months, approximately by January 26, 2024.

IMPLEMENTATION and EVALUATION:

Describe how you will approach the execution of your project –

1. Obtain clarification of the stakeholders' requirements and expectations and come up with a project plan to include milestones.
2. Design and create a prototype of the app.
3. Develop the app making sure it integrates with existing systems the company uses.
4. Perform testing on the app making sure it is functional and gather feedback from users.
5. Launch and monitor the app, collect metrics for improvements.

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

COURSE INSTRUCTOR SIGNATURE:

A handwritten signature in blue ink, appearing to read "Jim Ashe".

Jim Ashe, Ph.D. Mathematics

COURSE INSTRUCTOR APPROVAL DATE:

Tuesday, August 27, 2024