Brianna Littleton

CS 499 Milestone Four

1. Briefly describe the artifact. What is it? When was it created?

I chose CS 360: Mobile Architecture and Programming. The code was created around July of 2024.

1. Justify the inclusion of the artifact in your ePortfolio. Why did you select this item? What specific components of the artifact showcase your skills and abilities in software development? How was the artifact improved?

The focus is on developing mobile applications for smartphones and tablets. The course covers a range of topics, including the design, architecture, and development of mobile applications for both iOS and Android platforms. Given that the mobile landscape is rapidly evolving, mastering both the technical and design aspects of mobile development is crucial. In this code it’s showing the android layout for an app. Theres the id, layout\_width, layout\_height, layout\_marginTop, and text, etc. Some of the features include button, textview, and edittext.

1. Did you meet the course outcomes you planned to meet with this enhancement in Module One? Do you have any updates to your outcome-coverage plans?

Yes, I met the course outcomes I planned to meet with the enhancement in Module One. Of the five course outcomes I wanted to design and evaluate computing solutions that solve a given problem using algorithmic principles and computer science practices and standards appropriate to its solution while managing the trade-offs involved in design choices.

Demonstrate an ability to use well-founded and innovative techniques, skills, and tools in computing practices for the purpose of implementing computer solutions that deliver value and accomplish industry-specific goals.

1. Reflect on the process of enhancing and modifying the artifact. What did you learn as you were creating it and improving it? What challenges did you face?

I applied mobile development principles and best practices to develop mobile applications using user-centered design principles and industry standards. Upon completion of a fully-functional mobile application, I conducted security, product assuredness, and compatibility checks before launching the application.