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CS – 499 Computer Science Capstone

3 April 2021

Milestone Four

A. The artifact I have chosen for this portion is the mobile application. The mobile application is to be able to track inventory. I started to create this mobile application in January 2021. As well as the start of the agency’s database.

B. For this portion of the project I choose to focus on the implementing a base to be able to link to an SQL database. This will allow for a placeholder for the time being, and then being able to track all the data within the database specifically on the inventory.

The next part to this is the actual database itself. While I have nothing to show, an MOU is in the works. Which will then be my contract as well as layout the timeline and update specifications for the database. This week I was also given the software. I am not working on securing it to my system and adding initial security measures prior to the build to ensure that the data implemented will be safe and secure. While there could still vulnerabilities this is a start for my security policy of what I will check overtime.

C I believe that I meet the requirements. While it is not fully functional it is a step in the right direction. As I am not working on a team for this so since this a large-scale project this is taking a longer amount of time.

D. In this part of the process I am finding that getting started is the hardest part. There is a lot of steps prior to the start of implementing a database especially with the state agency. The amount of approvals, contracts. This process started about seven weeks ago, I think the project should start to move along now.