

CS361: Assignment 1: Microservices Warm-Up

Part 1: Plan

1. I will be using Python to complete this assignment
2. I am very familiar with Python after learning/using it in my previous classes at Oregon State University. I used it to design my database frontend in the CS340 (Introduction to Databases) class that I took over the summer.
3. Tasks

Task Description	Estimated Time of Completion	Time block
Research assignment	1 hour	10/6 5pm - 10/6 6pm
Write out pseudocode	1 hour	10/6 6pm - 10/6 7pm
Start implementation	3 hours	10/7 5pm - 10/7 8pm
Test and debug	2 hours	10/7 8pm - 10/7 10pm
Finalize and validate	2 hours	10/8 7pm - 10/8 9pm

4. I believe this project will take me around 8 hours to complete depending how long debugging and testing will take. I tend to spend too much time trying to make the code *perfect* instead of just having a working project to turn in. If I find the assignment enjoyable, then I will spend some extra hours tweaking and personalizing it.

Part 3: Reflect

1. It took me about 10 hours total for me to complete this assignment. As projected, I spent too much time debugging and trying to personalize the project. There were a couple of things I wanted to implement that didn't make it on to the final submission. I wanted to create an interactive UI that would have a button to generate the image, but I didn't want to get too carried away since I already spent one late day on this assignment.