



CS361: Assignment 10: Publish Sprint 4 Mitigation Plan to Partner (for Milestone #3: Integration)

Overview

Sprint 3 could go smoothly, or it could be miserable and stressful for both you and your partner! To help Sprint 3 go well, create a **mitigation plan**, then share it with your partner.

Instructions

Complete each item below by replacing the **highlighted text** (**Usability note**: double-click the text to select it).

De-risk integration by providing your partner the information below and by planning for failure.

1. What is the **current status** of the microservice you implemented for your partner to use? Hopefully, it's done!

Fully functional; done.

2. If the microservice isn't done, **which parts aren't done and when will they be done?**

Not applicable. Microservice is done/completed in its entirety.

3. Where can your partner find **instructions for using your microservice**? You should have created these instructions as part of a previous assignment. **Provide a working link to the README for the microservice or paste in a screenshot.**

<https://github.com/TommyTegra/LO-Calc-Microservice>

4. **How** is your partner going to **access your microservice**? Should they get your code from GitHub? Should they run your code locally? Is your microservice hosted somewhere? Etc.

Will need to get mth-income.py from GitHub. Ensure to install ZeroMQ library as stated as one of the requirements in the requirements.txt. Currently, the site is ran through the localhost, so the microservice does a similar approach. Simply, run the program either through the terminal/PyCharm: "python mth-income.py".

5. Have you confirmed that you **can successfully call YOUR PARTNER'S microservice**? If not, do so. By when will you do that?

Have been confirmed that my partner's microservice can be called.

6. If your partner **cannot access/call YOUR microservice, what should they do**? Can you be available to help them? What's your availability?

Availability is flexible and open. Should at least give notice so something can be arranged. Everyday availability.

7. If your partner **cannot access/call your microservice, by when do they need to tell you**?

March 3, 2024.

8. Is there **anything else your partner needs to know**? Anything you're worried about? Any assumptions you're making? Any other mitigations / backup plans you want to mention or want to discuss with your partner?

Currently, ZeroMQ works through the localhost, as in, the code that I wrote utilizes ZeroMQ through the localhost. ZeroMQ can be implemented to communicate over the internet if you ever want to host your website/web app. However, it would mean that the microservice would need to be adjusted for such implementation as it does not currently have that functionality implemented.

Submission

PDF or Word format via Canvas.

Grading

You are responsible for satisfying all criteria listed in the Canvas rubric for this assignment.

You must follow instructions at Modules > "Attach a Document to "Text Entry" Field".

Questions?

Please ask via Ed so that others can benefit from the answer.