



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!

The current status for the microservice that I have implemented is "complete". Complete in a sense that everything appears to be working (I think) as the UI calls on the microservice that I implemented and creates the appropriate result

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

Completed

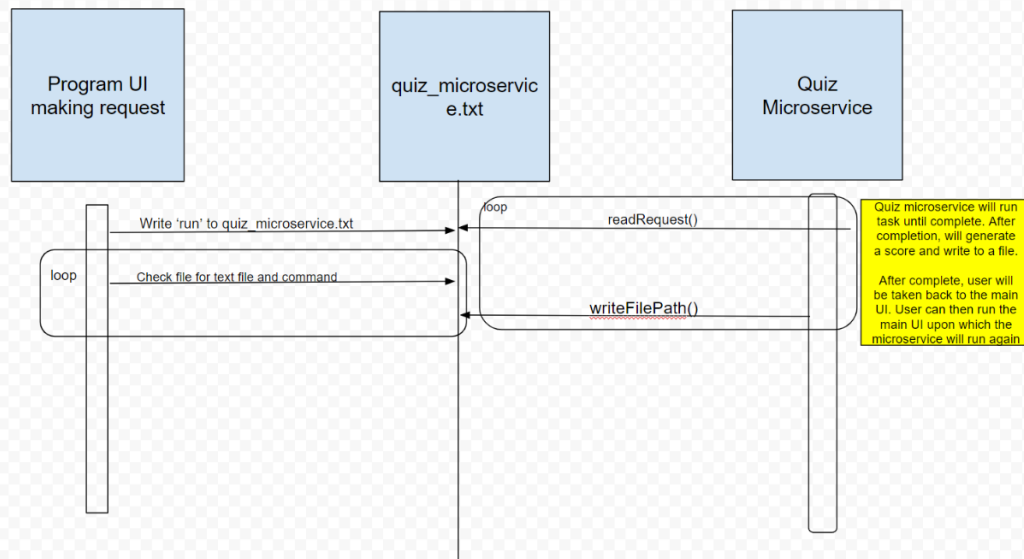
3. Where can your partner find **instructions for using your microservice**? You should have created these instructions as part of a previous assignment. **Provide a working link to the README for the microservice or paste in a screenshot.**

Microservice Communication Contract

In order to properly run the microservice quiz properly the UI must be able to make a request to the program specifically looking for the 'quiz_microservice.txt' file. Within the quiz_microservice.txt file, the microservice will only run if there is a string of "run" within the text file.

Depending on the difficulty setting, the microservice will specify Beginner, Intermediate, or Advanced, depending on what the user has selected. Once the user goes through the quiz, a score will be generated based off of the correct answers. The correct answers will then be generated again, and the UI can read these scores if the user selects the appropriate command line interface (CLI) command to view the scores.

The quiz score will generate a text and also print out the score on the CLI.



[CS361/partner_project/readme.md at main · solariscalls01/CS361 \(github.com\)](https://github.com/solariscalls01/CS361/blob/main/partner_project/readme.md)

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.

In order for my partner to run my microservice properly, she will have to create a UI that is able to write into a text file upon which the word "run" is written in that text file. She will then have to write code to execute the python microservice app that I created. The microservice will only run if the word "run" is written in that text file that was created.

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

Looking at my partner's microservice, so far it does not have any way to access the file from my current UI that I have. It does appear to perform the task of returning the recipes based off of their rating, but currently is hardcoded into the files. It will need

some tinkering in order to work the way it's intended.

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

I have reached out to my partner via Discord to let her know that she can reach out to me anytime via discord chat if there are any issues with running my microservice.

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

They need to let me know at least 2 – 3 days before the deadline in order to allow me to have enough time to make any adjustments as needed.

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?

As of right now no. My partner and I do a pretty good job of reaching out to each other if there are any issues that we need to deal with. So far everything has been going well as we are able to access each other's GitHub and see each other's code.

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.