**Capstone Project – Planning**

## Requirements

* Project includes a wireframe for each view.
* Project includes a list of MVP features.
* Project includes a data model

## Mental Strategy and Approaches

The following is a table showing personal obstacles and personal worries and my strategy of how to overcome them during this project so development may be smooth and efficient. A lot of these items are mental which requires self-diagnosis and honesty on my part.

|  |  |
| --- | --- |
| **Obstacle/Worries** | **Strategy/Solution** |
| I am daunted by how long this will take. I value my time. | I need to realize I have a lot more time than I think. The deadline for this is 10/15/22. |
| Take advantage of all limbo time you have and work on this. Example: Fridays at work. |
| DevMountain is aware of the time and gives me class time. |
| An advantage of having this on your schedule is you can use this as a valid excuse to get out of certain social events. |
| I pretty much think I don’t know how to code all this and am afraid because I don’t even know where to start in coding. | I can look back on past assignments and re-learn. |
| I can look back on past code and copy it. |
| I have more resources than I think. Discord, the internet, my brother, past lectures. |
| Afraid I won’t pass | The minimum to pass is a lot lower than I think: 70/125 points! |
| From my experience, the DevMountain instructors are very lenient on grading as they reward effort as well. |
| When working on this at home, I am often distracted by the baby and his needs. | I have talked to my wife about this need before. She is more than capable of taking complete care of the baby. Even if she has to bring him to a babysitter. We have plenty of people who want to babysit. |
| I am worried that if I don’t do well on this, I won’t obtain a good job. | I should recognize that this is foundational. The contents of this project don’t even align with my specialization that much. That lowers the importance, which is good in this case as I am able to stress less. |
| If I’m honest intuitively, the result of this project has little impact to what I’m getting into and what is ahead of me. |
| View this project as a compliment or additional information with my current and upcoming job. It bears little importance. What really matters my actual work at my job. |
| Other notable miscellaneous tips | Be confident I can get in the zone. I’ve felt this before. |
| This is not as impactful as you think it is. DevMountain may disagree, but you know intuitively what this project will do. |
| This is the last severely demanding assignment in Foundations then it’s off to the fun specialized stuff that you ACTUALLY SIGNED UP FOR. |
| Everyone else will probably do poorly on this too. |

## Overview

I will create a wage calculator so users may track their time and pay efficiently. My plan is to keep and use the project for the future. I am always wanting to track my time and pay.

I would like the audience to be primarily just me because I want to use this in the future. However, I am confident it will also be user-friendly to anyone else that uses it. I find that my need for this tool is mutual to others.

## Timeline

This is a timeline of a breakdown of what I will work on. This will likely be changed as time goes on and due to the present situation. There will be overlap. Refer to the Checklist for specifics on these items.

1. Plan (see below sections)
2. Produce an environment: Github, local file locations, etc.
3. Create HTML & CSS pages
4. Create Front End
5. Create Server
6. Create Database
7. Test for functionality and presentability
8. Record a presentation of my project

## Wireframing

Click on the link to access my public Figma plan:

https://www.figma.com/file/Hv7uGLwfv0xfsfYZnPFtbU/JBS-Capstone-Project?node-id=0%3A1

## List of MVP features

The following is a list of my MVP features. This is only a list for planning purposes. For specific instructions on how to implement the MVP features, refer to the Checklist.

1. User can calculate total hours and total pay for the week by inputting times and hourly pay.
2. User can save and log the week recorded with its totals.
3. User can edit logged weeks.
4. Additional feature if time permits (this is not in the Wireframing): User can interact with a separate tool that converts format from decimal to colon (#.## to #:##)

## Data Model

Data may need to be implemented into a database because one of my features is to store and keep track of every week inputted. The data model would be a simple one table input.

## Questions for instructors when approving this plan (can delete this section upon approval)

-Are we recording our presentation, then showing the recording to the class?