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CIDM 4390-01
Assignment 3 Report
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I. **Gerardo's Experience with Pair Programming**
   A. **Advantages**
   Assignment three showed us the pros and cons of pair programming. Advantages include more efficiency and fewer errors. First, we were able to increase the quality of the code because both of us were able to share our experience and knowledge with one another, which leads to the second point. Pair programming let us have fewer mistakes and bugs; each time we had an error, we were able to catch it quickly. Moreover, because both of us took CIDM 3312 and are reviewing the same material in CIDM 4390, we were familiar with ASP.NET Core.
   B. **Disadvantages**
   One disadvantage I quickly noted while working in pairs was that the CodeTogether extension for Visual Studio Code was not working as expected. For example, I would make a change in the code on my end, and Caleb wouldn't see it until after a couple of minutes. However, I'm aware that there are external factors that could have affected the seamless experience, such as the internet connection. Other than that, it was a good experience overall.

II. **Caleb's Experience with Pair Programming**
   A. **Advantages**
   Pair coding creates several unique advantages that you lack when working by yourself. I notice that when I am coding, I make small syntax errors or spelling mistakes that I have to go back and debug to fix later. When those small errors were made, we were able to quickly help correct those, as having an extra pair of eyes looking at your work is always helpful. Furthermore, we both entered with slightly different views on how to complete the project, but were able to combine both of our ideas into an even more robust platform. Though not everyone may not get this same reward, Gerardo and I both had a great understanding of the material, and spent little time trying to explain or figure out what the other was doing.
   B. **Disadvantages**
   Gerardo and I had several issues with the CodeTogether extension. Both of us had great internet connections, but there was still lag in the time that a change was made, to the time that it updated on the others machine. This made it difficult sometimes, because VSC would throw an error on one machine, but the other machine would not show the same error, since the issue was already resolved. Another issue we noticed was that the terminal is not

shared between the 2 users. This is a vitally important feature that is missing, as we each need to see the commands the other is running.