**CODE SPRINT 3**

**COSC 498 CAPSTONE**

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LINK TO GETHUB: <https://github.com/ddearing1/COSC-498-Capstone-Project>

1. Retrospective Feedback Questions:
   * What went well this sprint? I finally got my final code in MySQL completed and got my test environment set up in GitHub.
     + What did not go well for this sprint?  When I went to test my project in GitHub, I realized I did not have a file called "requirements.txt" in GitHub. I had to go into Visual Studio and add it there and push it to GitHub. First I had to stage the file, commit the changes to the file, push the changes, update the GitHub Actions Workflow, then run a test locally, then I ran the pytest, but zero (0) items were collected, so I had to troubleshoot to find out why no items were collected.

First I had to make sure my test functions were named correctly, which they were, but the test failed, so I had to debug the issue. This took me a couple hours. I checked the index to my html file. Next I created a token in GitHub. Then VS Co-Pilot had me “GRANT ALL PRIVILEGES ON airline\_reissues, but that failed as well. I checked my login and password. After several attempts at entering my login and password, I finally had to save & store my login/password into VS for it to work and restart my terminal.

Then my Git configuration or setup was incorrect and I had to fix that. I had to update the remote URL in my local repository to match the correct GitHub repository URL. I’m actually still working in this issue.

* + Did you complete the tasks you planned to complete? Yes, my goal was to finalize my coding so I could do testing this week! I was able to get my code completed, after many frustrating hours. I realized, I did not plan well in the first and second week of this class, but it was a good lesson learned. I was able to perform testing successfully in VS, but not in GitHub, due to the url issues.
  + Did you experience any unforeseen technical issues that prevented your progress? Please describe them. Yes, I am not familiar with Visual Studio or GitHub, so I've had a learning curb. However, I have found the "Co-Pilot" in VS to be quite helpful. GitHub, I've had to take extra time learning the system through trial and error. I still lack full knowledge and truly felt like I needed a Tudor to look over my shoulder. I'm not sure if Maryville has Tudors that know GitHub, so I've just decided to use VS and Co-Pilot to help me get through my issues.
  + Do you feel you are on-track to complete your project? Yes.
  + What are three stretch goals for the upcoming sprint?
    - 1. I must refine my testing.
      2. Continue to test to work out any issues.
      3. Finalize my project by being able to print a pdf file to show my enhancements.