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Report 2

In the past two weeks I have continued working on the Pricing Dashboard project in the Research and Development group within DST Systems/SS&C. There is a team in the Financial Services Group who is responsible for documenting changes in prices of shares of Mutual Funds. These “Pricers” wait for a group called Fund Accounting to determine the prices of Mutual Funds. The job of the Pricers is to make sure every fund that should have a price has a price. Currently, they are using Microsoft Access to query live data and these queries are taking far too long to complete due to the query pulling more than the 2GB limit on Microsoft Access. The R&D team has been given the task of implementing an interactive dashboard to replace Microsoft Access. This dashboard, in theory, would include the ability to see what funds need to be priced on both the master level and by platform.

I have been tasked with working on the user interface portion of the dashboard. The dashboard is an angular application with both static and api projects. Since I am working on the UI, I am working on the static project using html, css, and typescript. The idea is to have a page with a dropdown that contains all the different systems and allows the user to select multiple systems and then the page would display a graph of each of the selected systems. The graph would be a gauge that portrays the percent of missing prices in that system that need a price. These would also be clickable and would lead you to another page with the specifics about that system.

So far I have created the multi-select dropdown and have filled it with mock data. You are able to select multiple systems and the page will display each of the selected systems. I have also added the gauge that displays the percentage of missing prices. I am currently working on creating a clickable link on each of the systems that will bring the user to a more detailed page of that system’s information. At the moment we are still waiting on someone else to provide us the data we require in order to get a working database for the project. In the meantime I am just using hard-coded mock data for the graphs. I am learning a lot about how angular projects work since I worked mainly on the api/back-end side on my last project and I am now working on the static/front-end side with this project.

In addition to what I have been working on, the official DST summer internship program started and my group has gotten a couple of new MIC interns that I look forward to working with over the next year. Over the course of this summer we will have a few intern events such as a day of giving next week where we volunteer at Rose Brooks Center and also a final presentation where we will present as a group over what we have done this summer and what goals we had/accomplished.