Journal Entry for 11/12/2021

What I accomplished:

1. I helped my teammates complete the presentation outline milestone.

Challenges:

1. I got the flu on Monday and could not work on much on stuff this week.

Plans for Next Week:

2. Finish the final visualization. Specifically, I will finish the unemployment line chart and the cost-of-living scatterplot
3. Help my teammates plan the final presentation

Comments: This weekend and early next week is grind time for the final visualization as I got the flu and I could not really do school work in general. I also have not heard from my teammates in a few days. This project has been pretty tough.

Journal Entry for 11/5/2021

What I accomplished:

1. Finished the cost of living Texas data set for the cost of living scatterplot
2. Added to the map data set to add the unemployment data for each county for the unemployment line graph
3. Created the jupyter notebook file for the visualization and coded the start of the unemployment line graph and the cost of living scatterplot
4. Added to the pdf containing what needs to be done on the unemployment line graph and scatterplot

Challenges:

1. Creating the cost of living data set and copying the unemployment data took forever and I struggled with how to create it
2. Struggled with setting up the cost of living scatterplot and I am not sure how to code the final cut. Will figure it out later

Plans for Next Week:

4. Complete the presentation outline
5. Figure out how to code the cost of living scatterplot
6. Assist my teammates on other parts of the visualization

Comments: The final visualization is coming along nicely but I am pretty worried about finishing. I hope it is not too time consuming and stressful.

Journal Entry for 10/29/2021

What I accomplished:

1. Completed the Overview Teaser Image/250 Word Summary and Visualization sections of the final report outline and assisted Jonathan and John with their sections' outlines

Challenges:

1. I had two exams this week, apartment problems to deal with, and a dead car battery to replace (never did that before). Thus, I did not have much time to work on the project this week but will do more this weekend.

Plans for next week:

1. Complete the implementation alpha assignment (will discuss specifics with team this weekend)
2. Continuing coding the final visualization (specifics to come soon)

Comments: We continue to do everything last-minute, but I am trying hard to change that, not sure about my teammates. Sorry about the short journal entry; this week has been insanely stressful and busy to where I did not have much time this week to work on this.

Journal Entry for 10/22/2021

What I accomplished:

1. Design: Designed the Unemployment line graph that will be connected to the Texas map; Designed the interactive scatterplot plotting each county according to its median rent value and median home value. Size of the dots correspond to the population of the county
2. Assisted Jonathan with the interactions the visualization will have (clicking a county on the map highlights the county in the scatterplot mentioned above as well as adding a line to the unemployment line graph) as well as the data transformation (finding the growth in house price index compared to personal income).
3. Finalized the design rough out document/looked it over and discussed with my teammates the big picture for the final visualization (idioms, interactions, sketches).

Challenges:

1. At first we were just going to create a table with the ranking data from [2021 Counties with the Lowest Cost of Living in Texas - Niche](#). But decided that is not really a visualization so I struggled with coming up the cost of living scatterplot because I was not sure how to incorporate that data into one visualization that was simple and beneficial for the user
2. My teammate John Nichols does not respond really when I and Jonathan want to discuss the next part of the project as a group. Although, he does get stuff done for the project, just at the last minute and it is stressing me out
3. It was also hard to sketch the visualizations and their interactions because I am not the best at that

Plans for next week:

3. Complete the outline for the visualization summary and the views/interactions in the visualization.
4. Assist my teammates in the other parts of the final report outline (Team Assessment, Reflection, Data Description, Goals/Tasks)

Comments: The project is coming along I think, but I am not sure if we are doing either too much or too little for our visualization. The overall task/goal with the user is still not finalized but we are close I think. Also I am pretty much stressed a lot about each milestone in the project because I and Jonathan sometimes complete the milestones at the last minute while John does stuff at the last minute so far. The late work (done in 2 days as opposed to 1 week because that is when all 3 of us can work together on it) is stressful.

Journal Entry for 10/08/2021

Activities:

1. Worked with teammates to think of our project idea- visualizing average income by county in Texas and comparing that with incomes of other states over a 50 year period
2. Helped them with the project pitch powerpoint presentation (all parts of it- user, task, data, team)
3. Presented the data portion of the project pitch in class

Challenges:

1. All of us very much struggled with coming up with the project idea
2. We also struggled with what data we were going to use for the visualizations

Plans:

1. I plan to research more into what data we will use for the project as Dr. Chaney advised us to look at cost of living data as well as income data.
2. As a team we need to research the user for the visualization more.
3. The Data Source identified assignment due October 12th.

Comments:

1. The communication of my team is not the greatest right now but I know it will improve
2. Our project is constantly evolving as we really struggled to come up with an idea but it is getting there!