

Initially, I found that I would not gel well with the team I was initially a part of. I joined the course on the last day of Add Drop so it was difficult to immediately find a team that I gelled with which still had an opening. We had strongly differing ideas about what we wanted from this project, and so we thought it best to part ways. I completed this project independently, so I will be addressing the questions loosely and from a self-reflective perspective.

1. Preparation – Were they prepared during team meetings?

While I was ready and motivated to put in the work for this project, I faced some extenuating circumstances. My health declined throughout the semester, which impacted my ability to work effectively.

That said, I was very prepared for the initial 5-page project proposal and had a lot of ambitious ideas that I was excited to bring to life. Unfortunately, I overestimated my capacity to implement some of these features, which ultimately led to a final product that fell short of my initial vision.

2. Contribution – Did they contribute productively to the team discussion and work?

Since I worked alone, I contributed the entirety of the codebase. However, I did face several productivity challenges.

I jumped between different tools and technologies, trying to find the right stack. I initially planned a full-stack approach with React and Node, thinking I would create a polished frontend/backend system. I then switched to Bun to simplify things and removed React. Later, I collapsed the separation between the frontend and backend entirely, as it was unnecessary for a smaller project like this.

I tried organizing a public folder and deploying via GitHub Pages, but I struggled with JavaScript, CSS, and D3.js. I eventually transitioned to the Python ecosystem, where I felt more productive, and used FastF1 to drive the visualizations. However, this long and winding path through different tools significantly reduced the time I had to focus on the actual visualizations – especially since I was much more productive at the start of the semester than toward the end.

3. Respect for others' ideas – Did they encourage others to contribute ideas?

While I worked alone, I came into the project with many ideas I wanted to implement. Over time, I had to become far more selective and critical about what could realistically be completed. Coming to terms with reducing the scope drastically was frustrating, but necessary in order to submit a working final project.

4. Flexibility – Were they flexible when disagreements occurred?

I believe I demonstrated flexibility throughout the project. When issues came up I explored multiple workarounds. I really tried quite a few workarounds to get the GeoJSON track maps to work properly. Even though none of them ultimately made it into the final version, I continued to experiment and adapt.

My frequent switching between tools also shows that I was willing to pivot quickly when things weren't working. Rather than stubbornly pushing through broken solutions, I simplified the design and adjusted my goals according to how the project developed. In that sense, I think I remained flexible throughout.