# **Sprint Perspective – Christian Rose**

This sprint was a great learning experience and a solid challenge from start to finish. My role focused on building out the Java CLI client, handling both the interactive user flow and the integration with the Spring Boot API.

## **What Went Well**

* I was able to fully implement the four required GET requests in the CLI: fetching airports by city, aircraft per passenger, airports per aircraft, and airports per passenger.
* I added helpful user prompts and tips throughout the CLI, like how to view city or passenger IDs before making a request.
* The JUnit tests I created for both the ApiService and the CLI menu helped catch issues early and gave me confidence that things were working as expected.
* Collaborating with my teammates went smoothly overall, especially when syncing our data and ensuring the API was up and running locally for testing.
* I feel like I stayed organized and focused, even when balancing multiple moving parts like live API parsing, test coverage, and README documentation.

## **What Could’ve Gone Better**

* Early on, I spent a lot of time debugging input/output flow in the CLI. Getting the menu to work seamlessly with simulated input for testing was trickier than expected.
* There were moments where I second-guessed how much to automate versus leave for user input. I eventually found a balance, but it took a bit of back and forth.
* Testing with the live API took extra time due to inconsistent sample data, which made verifying results a bit harder than using static mock data.

## **What I’d Improve Next Time**

* Start testing with real data earlier instead of building around mock logic for too long.
* Improve time management by breaking down each CLI feature into mini-goals or checkpoints.
* Communicate even more frequently with the team — even just quick updates — to keep things moving efficiently.

Overall, I’m proud of the work I put into this Sprint, and I feel like it’s polished, user-friendly, and demo-ready. This sprint helped build my confidence in working with external APIs, automated testing, and writing production-quality CLI tools in Java.