Final Sprint – Personal Submission

## Team Members

* **Christian Rose** – Frontend Development
* Nicole Sparkes – Backend Development
* Dylan Finlay – Additional Support

## Repository Links

* **Frontend Repo:** <https://github.com/NSparkes95/final-sprint-frontend>
* **Backend Repo:** <https://github.com/NSparkes95/final-sprint-backend>

## Task Management Board

* Trello Board: <https://trello.com/b/sJ6KUDuZ/s4-final>

A screenshot of a phone

AI-generated content may be incorrect.

### Demo Video

* Demo Video Link: <https://github.com/NSparkes95/final-sprint-backend/tree/main/screenshots>

### Personal Feedback on Team Performance

From my perspective, our team worked well overall given the time constraints and scope of the project. We maintained communication and tracked progress using Trello, and we made pull requests for all major changes to ensure code review and integration. This sprint was made more challenging due to the **wildfires and the sudden evacuations of friends and family**, which meant balancing project work with watching out for loved ones and worrying about the safety of their homes. While these circumstances made it difficult to get everything completed as originally planned, we adapted by prioritizing core features for the final submission.

### My Role in the Project

I was primarily responsible for **frontend development**. My contributions included:

* Building the Arrivals and Departures pages with loading, empty, and error states.
* Implementing airport switching (via querystring + localStorage).
* Creating the Admin panel for adding and editing flights.
* Developing a centralized API client and data transformation logic.
* Writing unit tests using Vitest and React Testing Library.
* Setting up GitHub Actions CI for automated testing.
* Collaborating with teammates on GitHub through feature branches, pull requests, and reviews.

I also helped troubleshoot integration issues and ensured our frontend connected to the deployed backend API for the final submission.