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Cesium Interview Project  
8/13/2023

## Flight Data Proposal

**Objective:** Create a website that can query and display real-time flight information from AviationStack API.

**Rationale:** Display the ability to create/edit/use website applications; Extract and use data from an external API; Integrate and Automate workflows.

**Goal:** Create a scalable website that will allow the user enter the Flight/IATA number for any flight and have all relevant flight data for their requested flight returned to them on the same page.

**Technologies:** JavaScript, HTML, CSS, ReactJs, NodeJs, AviationStackAPI, VSCode, Linux Konsole Terminal.

**Resources:** 2-3 hours of programming time.

### Review:

My main objective was to design and implement a project that would be evaluated well based on its visual design, website intuitiveness and code structure. I created a scalable website using JavaScript, HTML, CSS using ReactJs and Nodejs that will return data queried by the user. Specifically, the data in this case for the interview project will be flight data. The user will enter my website, type in their flight IATA number into the search bar, and flights relating to their flight number will be returned to them. I have been using DL437 to test my program. For the time being, I have placed the api access key within my program, however once the 2-3 hour deadline is over, I will create a more secure solution.

I will submit my program to my GitHub page along with information on how to run the application.