Anthony Frazier

CPT 242

**Final Project - Phase One**

The family is running a small airplane dealership franchise. They have three branches, the home branch, the Eugene branch and the Everett branch. The home branch is run by Dad and Chris, the Eugene branch is run by Dan, and the Everett branch is run by Sarah.

Everett is the most successful, and is selling services such as : Charter Flights, Pilot training, Supervised Flying, Solo Flights, Airplane ownership, Airplane leasing, hangar space, airplane parts and maintenance. Eugene and the home branch are much less successful, possibly even unprofitable at times.

Sarah is wanting to connect the dealerships together with a computer system. She wants to have a full inventory on parts, planes, and charter availability. She wants to have all of the information about customers including their name and number, as well as address. She wants to know if the customer has taken any classes, which airplanes they've been on and which flight routes they have flown. Does the customer own a plane, or lease one? She wants to have one charter reservervation system for all planes, as well as be able to generate reports on plane activity, revenue generated or owed on each plane.

Sarah is also wanting to branch out nationwide with airplane dealer franchises. They would have access to this new database that she is designing, and by running and operating under the family name, would have access to the Zeber exclusive deal.

Zeber has contacted the father of the family, telling him that they intend on ramping up production to produce three times as many planes as they are doing now. They want to know if the family can handle this increase or if they need to end their exclusive deal. The father has asked the owner of Zeber to give him a few days to come up with an outline, intending to follow up with Sarah and see if selling all these new planes is viable.