Anthony Frazier

CPT 242

**Final Project - Phase Two**

After evaluating the problem the challenge is we need to design a database that will be split into at least seven tables.

We will need a Branch table that will include information about each branch, where they are located, and assign each branch a number to be used as a key.

We will need an Employee table that will include their name, what position they are in the company, their address and phone number, as well as which branch they work at and an employee number or ID.

We will need a Planes table that will include information about the owner of the plane, the model number associated with that plane, what branch / hanger t is stored in, the hangar fee, and the overall price and purpose of the plane. We could probably use a plane number as a key.

We will need a Parts table that will include the name of the part, description, how many we have, where we stored them(which branch), the cost per part and the part number.

We will need a Maintenance Codes table with the description of each code.

We will need a Maintenance Request table with the Plane number requesting it, the repair description/status and the next scheduled or last done maintenance date. We could sort this table by a maintenance number.

Lastly, we will need a Customers table. Information would include their name and address, as  
information about whether they owe any money to any dealerships. If they own a plane, which planes they have flown on, etc. We could use a customer number as a key in this table.