**Gateway Technical College**

**Racine Campus**

**1001 S. Main Street**

**Racine, WI 53403**

**152-168 IBM and .NET Enterprise Programming**

**Pixis Air Assignment**

Purpose: This assignment will access data on the IBM i.

This is a team assignment. Each team will create a C# application that accesses various tables in the Pixis Air Database.

Instructions

Complete the following requirements

All Teams

* Create a main form that allows access to all other forms
* Add an Exit button.
* Add a button that will display each of the other forms.
* Add menus that provide the same functionality as the buttons.

Team 2. Flights Project (4 person team) Each team member must do 1 of 8 -11

* 1 There should be a button that list all flights.
* 2 --- **Jordan** --- There should be a button that lists all of our airplanes
* 3 --- **Greg** --- There should be a button that lists all of our routes with the city name.
* 4 There should be a button that allows the entry of the flight number and then shows the Departing and Arrival cities.
* 5 --- **Tom** --- There should be a button that lists all of the airports.
* 6 There should be a button that allows the entry of a flight number and then lists the crew from the Crew table.
* 7 There should be a button that lists all of the Maintenance Logs.
* 8 --- **Tom** --- Add an Airport to the Airport table
* 9 --- **Greg** ---Add a Route to the Route table
* 10 Add a record to the ResHist table
* 11 --- **Jordan** --- Add an Airplane to the Airplane Table

**2 each, 1 list, 1 add 1 for**

**sql and 1 for ibm**

You will demonstrate this project in class. You will also submit the project. All of your code should be thoroughly documented.

I will give a 50 point bonus to any team that figures out and uses source control.