**REQUIREMENTS DOCUMENT**

**Date:** September 12, 2019

**Date Submitted:**

**Application Title:** Airlines Passenger Growth

**Purpose:** Predicts the amount of passengers for the next ten years, or a selected year that was given by the user.

**Program Procedures:** From a window on the screen, the user can press the “Calculate Growth” button. They can input the year within the next 10 years and then click “Get Year Amount”. After that they can exit the window with the x button in the top right corner.

**Algorithms, Processing,**

**And Conditions:** 1. The user presses the Calculate Growth button.

2. The user can input the number of year within the next 10 years.

3. The user can then click the “Get Year Amount” button.

4. The user can exit the window with the “X” in the top right-hand corner, or click the file menu and then click the exit option.

**Notes and Restrictions:**

**Comments:**

**USE CASE DEFINITION**

1. The Windows Classic Desktop application opens.
2. The user Clicks the Calculate Growth button.
3. The list is filled with the projected passenger amount of the next 10 years.
4. The user enters the number of year within the next 10 years.
5. The user clicks the Get Year Amount button.
6. The program displays the projected amount of passengers for that year.
7. The user exits the program by clicking the “X” button in the top right of the window, or by accessing the file menu then clicking the clear option.