**REQUIREMENTS DOCUMENT**

**Date:** September 5, 2019

**Date Submitted:**

**Application Title:** Broadway Ticket Group Discount

**Purpose:** Calculates the cost of the amount of tickets with a discount applied depending on the amount of tickets they are purchasing.

**Program Procedures:** From a window on the screen, the user can input the amount of tickets they need. They can press the calculate button to calculate the cost of the tickets with a discount applied to it. They can then clear the window, or exit the window with the “X” in the top right-hand corner.

**Algorithms, Processing,**

**And Conditions:** 1. The user enters the amount of tickets needed.

2. The user can click the calculate button.

3. The user can clear all the input and text.

4. The user can exit the window with the “X” in the top right-hand corner.

**Notes and Restrictions:**

**Comments:** The discounts: 1-8: $249 | 9-12: $219 | 13-24: $199 | 25-99: $169.

**USE CASE DEFINITION**

1. The Windows Classic Desktop application opens.
2. The user enters the amount of tickets they need.
3. The user clicks the Calculate button.
4. The program displays the cost of all the tickets with the discount applied.
5. The user can click the Clear button and repeat steps 2 through 4.
6. The user exits the program by clicking the “X” button in the top right of the window