**Group#:\_\_\_\_\_\_\_**

Please go through this check-list and fill-out it after you finish your project. This check-list will be the metric that I use to grade your project.

As you can see, there are 2 columns before every requirement, the 2nd column is the full-points you can get, please fill in the first column the points you think you deserve, I will take it as a reference when I grade your project. Of course, I won’t just give you the grade that you give yourself here. But if I give you 0 on one request, but I find you give yourself 2 or 3, I will try to check again to see if I made a mistake when grading. It is helpful right? However, please be realistic and honest when you give yourself grade, if I see you fake your grade here, I may be stricter when grade your work.

The total is 100 points, but as you can calculate, the total points you can get below is 115 + 15, which means you can give-up some part if you are too busy and you can still get a good grade. This is a small gift I give you, to encourage you make the best project that you can do.

**Check List:**

[ ] [ 5 ] Login, Logout, new user register.

**Manager total 20 points**

[5] [ 5 ] Add, Edit and Delete information for an customer

[5] [ 5 ] Obtain a sales report for a particular month

[5] [ 5 ] Produce a comprehensive listing of all flights

[5 ] [ 5 ] Produce a list of reservations by flight number or by customer name

[5 ] [ 5 ] Produce a summary listing of revenue generated by a particular flight, destination city, or customer

[5 ] [ 5 ] Determine which customer generated most total revenue

[5 ] [ 5 ] Produce a list of most active flights

[5 ] [ 5 ] Produce a list of all customers who have seats reserved on a given flight

[5 ] [ 5 ] Produce a list of all flights for a given airport

[5 ] [ 5 ] Produce a list of all flights whose arrival and departure times are on-time/delayed

**Customers**

[5 ] [ 5 ] Able to book a one-way trip

[5 ] [ 5 ] Able to book a round trip

[ 5 ] [ 5 ] If no non-stop trip available, system should be able to provide multiple-stop flight options

[ 5] [ 3 ] Able to distinguish the user is booking a domestic trip or an international trip

[ 5] [ 5 ] If no any flight available on the user specific date, system should be able to provide close date available flights, i.e. next day or before a day

[ 5] [ 5 ] User can get a list of current reservations he/she made

[ 5] [ 5 ] User can get his travel itinerary for his selected reservation

[ 5] [ 5 ] User can get a history of all current and past reservations a customer has made

[ 5] [ 5 ] User can see which flight is the best seller

[ 5] [ 2 ] able to input and update user informations such as email, phone number, credit card

**System functions**

[ 5] [ 5 ] Price for a flight should be flexible, i.e. discounted fares may require advance purchases of a 3, 7, 14, or 21 days. It means, when I book a flight departs next month, the price should be cheaper then the same one I booked for next week

[ 5] [ 5 ] Reservation can be made for single passenger, or a group of passengers. Which means, when user book a flight, it can book the same flight for a group of persons.

[ 5] [ 5 ] After a certain flight on a certain date is full, should not display this flight info when others search for it.

**ADDITIONAL FEATURES:**

You are free to add more features of your online system, and demonstrate here, I will give at most 15 extra points that can be added on this project, based on you.

[5] [5] Allowing users to update their personal information, including names, city, state,

phone and so on.

[5] [5] Allowing users to change their password.

[5] [5] Allowing users to query the least popular flight.