Roles of the Team Members:

**Namaswi Chandarana:**

1)Worked on the following requirements of the project:

* allow a user to pick a destination/arrival airport from the top 50 and see how the number of flights to and from that location change over the 24 hours of the day and the 12 months of the year
* allow a user to pick an airline from all of the domestic airlines and see how the number of departures and arrivals for that airline change over the 24 hours of the day and the 12 months of the year
* allow a user to pick a date in 2017 for more detail on the 24 hour breakdown of that day (how many departures and arrivals per hour, how many delays per hour)
* allow a user to pick a day of the week for more detail on the 24 hour breakdown of that day of the week across the year (how many departures and arrivals per hour, how many delays per hour)
* allow a user to pick a type of delay for more info on how it changes over the 24 hours of the day and the 12 months of the year

2) Worked on the contents needed for the webpage

**Shoaib Khan:**

1)

* choose a month from 2017 where the data is available
* for each airport (Midway and O'Hare) show
* table and chart showing the total number of departures and total number of arrivals for all of the domestic airlines (i.e. the total arrivals for united and total departures for united, and total arrivals for american and total departures for american, etc.)
* table and chart showing the total number of departures and total number of arrivals for each hour of the day across that month (i.e. how many from 9am to 10am summed over every day of that month)
* table and chart showing the total number of departures and total number of arrivals for each day of the week across that month (i.e. how many on all of the mondays of that month)
* table and chart showing the total number of delays for each hour of the day across that month (i.e. how many from 9am to 10am summed over every day of that month), and what percentage that is of the total for that hour
* table and chart showing the number of flights for the most common 15 arrival and destination airports
* allow the user to compare the numbers across both airports (the charts have the same scale) or better focus on each individual airport (the charts have different scales)
* allow the user to switch between 12 hour am/pm time to 24 our time display easily
* allow the user to bring up information about the project, as in Project 1

2)

* Create 8 heatmaps showing day of the week vs time of day and month of year vs time of day for different variables.