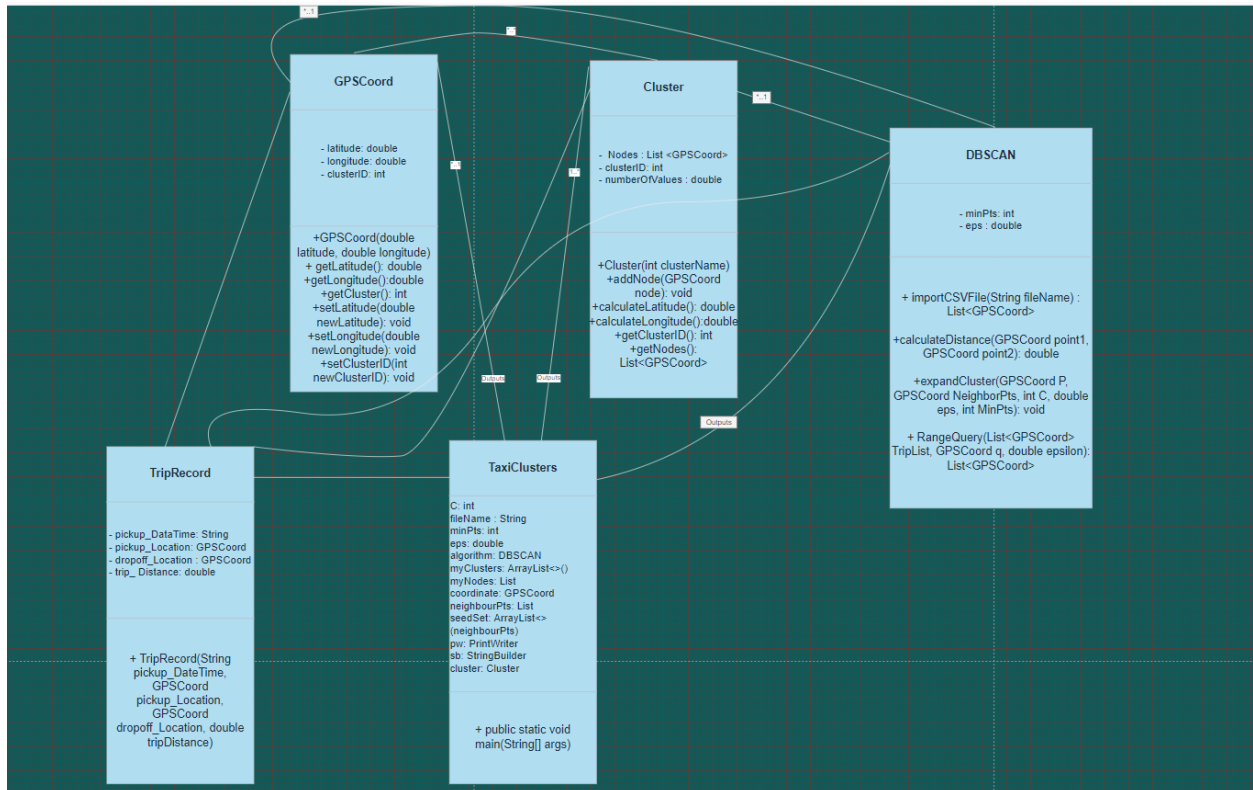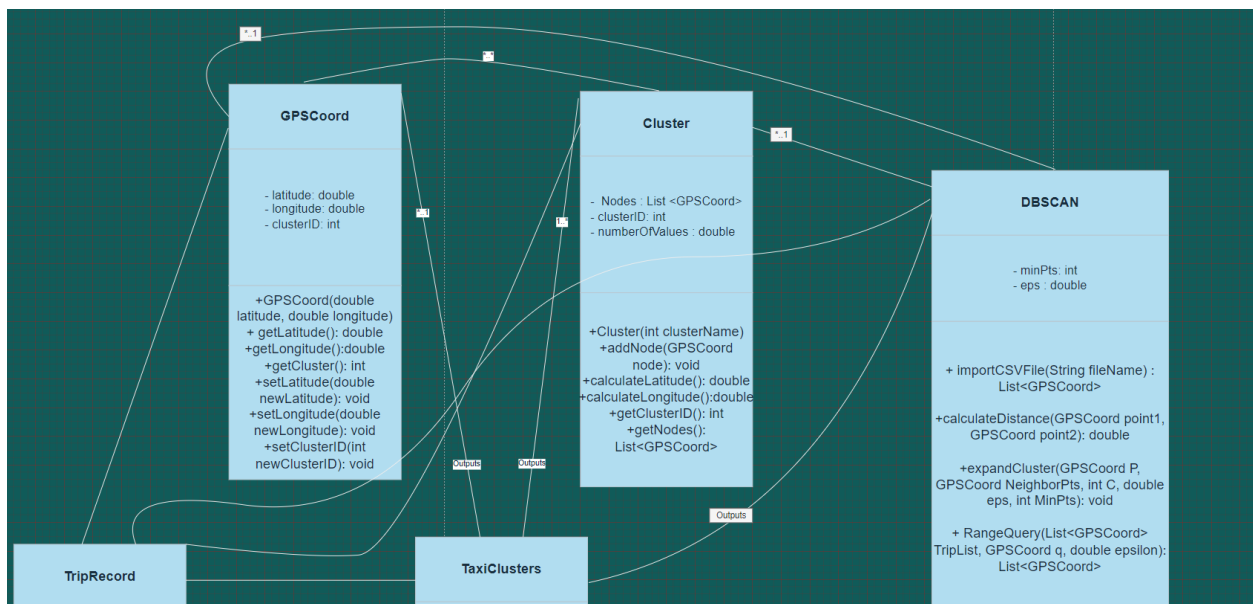# CSI2120_Assignment1_Part1_UML_Diagram

Student: Mirage Mohammad (300080185)

UML Diagram of Comprehensive Assignment

Zoom Mode:

README of how to execute TaxiClusters.java

1) Enter the file name   yellow_tripdata_2009-01-15_1hour_clean.csv
2) Enter the minimum point   5
3) Enter the epsilon value   0.0001

◼ "Mirage Assignment1"

```
C:\Users\mmoha263\IdeaProjects\CSI2120_Assignment1\src>javac TaxiClusters.java

C:\Users\mmoha263\IdeaProjects\CSI2120_Assignment1\src>java TaxiClusters
Enter the file name :
yellow_tripdata_2009-01-15_1hour_clean.csv
Enter the value for minimum point:
5
Enter the value for epsilon:
0.0001
Success:  An excel document of the cluster outputs has been created
```

4) Open the excel file miragesoutput.csv

Cluster.class	2022-02-07 11:32 PM	CLASS File	2 KB
Cluster.java	2022-02-07 11:31 PM	JAVA File	2 KB
DBSCAN.class	2022-02-07 11:32 PM	CLASS File	2 KB
DBSCAN.java	2022-02-07 10:54 PM	JAVA File	3 KB
GPSCoord.class	2022-02-07 10:30 PM	CLASS File	1 KB
GPSCoord.java	2022-02-07 10:16 PM	JAVA File	2 KB
miragesoutput.csv	2022-02-07 11:34 PM	Microsoft Excel C...	5 KB
TaxiClusters.class	2022-02-07 11:34 PM	CLASS File	4 KB
TaxiClusters.java	2022-02-07 11:34 PM	JAVA File	5 KB
TripRecord.java	2022-02-07 10:46 PM	JAVA File	1 KB
yellow_trindata_2009_01_15_1hour_clean	2022_02_07 12:04 PM	Microsoft Excel C	2 727 KB