## Chosen Scenario: **SMART PARKING**

Q. Draw the use case diagram, class diagram and sequence diagram for the assigned application.

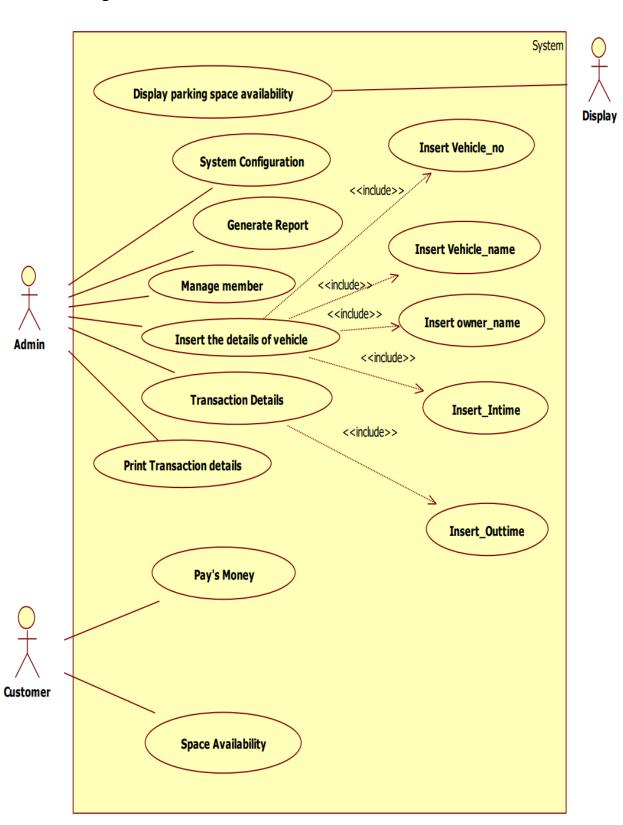
Next week : April 6 th Draw the USe case, Class and sequence diagram for the alloted topic in the LAb

U can go with STAR UML - its free

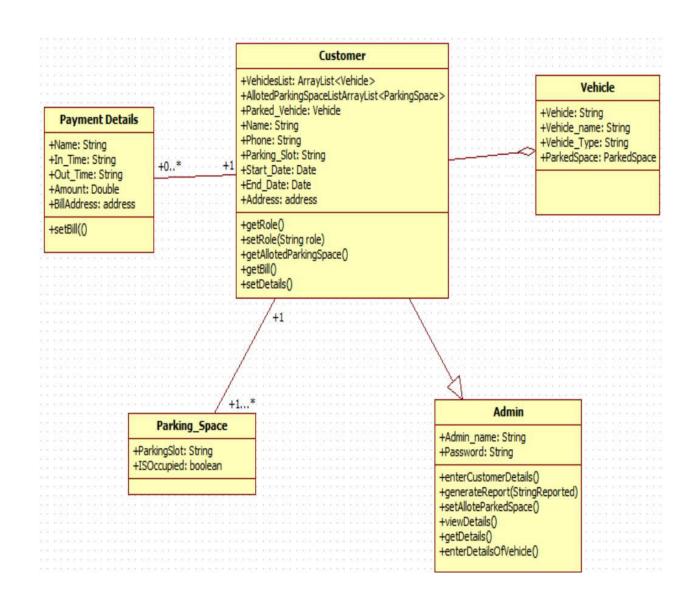
for the creation of UML diagrams

Sol.

## Use Case diagram:



## Class diagram:



## Sequence diagram: Parking slot <u>User</u> **Database** <u>Admin</u> 1 : Register request() 2 : Register sucessful() 3 : Login request() 4 : Login succesful() 5: Vehicle arrives() 6: Provide details() 7: Enter details() 8 : Save to database() 9: check availability() 10: Parks the vehicle() 11: Provide details() 12: Enter details() 13: save to database() 14: Request details() 15 : Retrive details() 16 : Generate report() 17: Gives receipt()