////////////uml rifare////////sequence diagram da aggiungere ticket management---FATTO /////DD Aggiungere owner plate---FATTO //// REGISTRATION AUTHORITY PASSWORD NEL RASD

[G1]: Users can be uniquely identified, thanks to the completion of the Registration Process

[R1]-[R2]-[R3]-[R4]-[R5] User Registration: CustomerControlActivity

[R6] Confirmation on data: Profile Manager

//ordine requirements

[G2]: Authorities can be uniquely identified, thanks to the completion of Registration Process.

[R7]-[R9]-[R11] Authority Registration: CustomerControlActivity,

[R8]-[R10] Managing Authority Member: CustomerControlActivity, Profile Manager, AM List Manager

//

[G3]: Authority members can be uniquely identified, thanks to the completion of Authentication Process.

[R12]-[R13] Authority member authentication: CustomerControlActivity, Profile Manager

[R14] Authority member availability status: Profile Manager, Availability Status Manager

//

[G4]: Allows users to notify Authority Members when traffic violations occur.

[R15]-[R16] Users login: Customer Control Activity

[R17] Notification to Authority Member: Notification Manager, Device Data Manager

[R18] Past Notification: Notification Manager

[R19] Sharing position’s User: Notification Manager, Device Data Manager

[R20] Data and time from user//device: Device Data Manager

//

[G5]: Allows authority member to receive the notifications about traffic violations in order to increase the local security.

[R21]-[R22] Authority member login: Customer Control Activity

[R23]-[R24] Authority member manage notifications: Availability Status Manager, Notification Manager, Device Data Manager, Violation Manager

[R25]-[R26] Recognize license plate: Notification Manager,Violation Manager

//

[G6]: Allows end users to mine information on traffic violations that has been received and build some statistics.

[R27] User login: Customer Control Activity

[R28] Statistics request: Statistics Data Manager

[R29]-[R30] Statistics update: System Statistics Manager

//

//[G7]: Allows authority members to mine information on traffic violations that has been received, and build some statistics

[R31] – Authority member statistics: Statistics Data Manager

[R32]-[R33] – Stastics related to unsafe areas: Statistics Data Manager

[R34] Statistics update: System Statistics Manager

//

[R35] Statistics related to vehicles: Statistics Data Manager

[R36] Authority member login: System Manager Service, Customer Control Activity

//

[G8]: **Builds a cross information analysis between municipality’s data**

**and its self data to improve reliability of the service and suggest to**

**municipality possible interventions.**

[R37]-[R38]-[R39]-[R40] – Statistics generation: System Manager Service, System Statistics Manager

**[G9]: Allows municipality (in particular local police) to retrieve traffic**

**violations in order to generate relative traffic tickets.**

[R41]-[R42] – System avoid data alteration: System Manager Service, System Data Manager

[R43]-[R44]-[R45] - Managing ticket: Authority Service, Ticket Manager, Device Data Manager

**[G10]: Builds statistics using information related to emitted traffic**

**tickets.**

[R46] Retrieve personal data owners vehicle: Ticket Manager

[R47]-[R48]-[R49] Generates statistics: System Data Manager, Statistics Data Manager