Data Modelling and Databases I. Assignment 1.

Link to the paper:

Requirements using shall-statements

1. A system shall allow the users to register by entering their full name, username, e-mail, phone number and location of residence.
2. A system shall allow users to log in with their unique username.
3. A system shall allow users to find the nearest car.
4. A system shall allow users to find a car with required characteristics.
5. A system shall provide an ability for users to rent a self-driving vehicle.
6. A system shall allow user to choose start and destination points.
7. A system shall provide an ability for users to find the nearest free charging station according to GPS location, which shape and size of plug is suitable for the car.
8. A system shall provide an ability for managers to find the closest workshop which has neccessary car parts.
9. A system shall allow managers to order car parts from provider of them to one or more workshops.