System requirements

- System shall provide users an ability to order cars.
- System shall provide users an ability to cancel orders they create.
- System shall save orders history of each user.
- System shall save private information about each user:
    1. UID
    2. full name
    3. username
    4. email
    5. bank account
    6. location of residence
    7. user preferences
    8. rating, precedents history
- System shall provide users an ability to create and edit their preferences.
- System shall provide users an ability to leave feedback.
- System shall optimally distribute orders between available cars.
- System shall schedule regular diagnosis for each car.
- System shall keep information about each vehicle:
    1. car number
    2. year
    3. charge level
    4. next diagnosis date
    5. is smoking allowed
    6. mileage
    7. are pets allowed
    8. state
    9. model
    10. color
    11. comfort level
    12. gps location
    13. uid
    14. seats number
    15. insurance id

- System shall provide cars an ability to take place in garage.
- System shall keep information about orders:
    1. state
    2. cost
    3. source
    4. destination
    5. luggage
    6. departure time
    7. feedback on ride
    8. arriving time
    9. number of passengers
    10. is smoking allowed
    11. are pets allowed
    12. created on
    13. number of children under 12 year
- System shall keep information about charging stations:
    1. location
    2. number of available sockets
- System shall provide cars an ability to take available socket at charging station.
- System shall keep information about mechanics:
    1. id
    2. name
    3. status
    4. salary
    5. speciality
- System shall keep information about garages:
    1. location
    2. capacity
    3. available places
- System shall distribute cars between mechanics.
- System shall provide administrators an ability to block and unblock users.
- System shall save information about administrators
    1. full name

2. username
3. UID
4. status

- System shall provide administrators an ability to edit any information in the system except information about other administrators.
- System shall provide head administrators an ability to edit any information in the system.
- System shall provide users an ability to send requests to administrators using their accounts.
- System shall save information about request for the last month
    1. user
    2. text of request
    3. response
    4. status
- System shall provide administrators an ability to respond to requests.
- System shall provide cars an ability to provide information about their crashes on the road to emergency service.
- System shall provide emergency service an ability to take request about accident from car.
- System shall provide emergency service an ability to give report about accident and results of the work (juridical help and evacuation).