









$$\text{EnergyNecessary} = \frac{\text{NumberKmPerDay}}{\text{Battery Consumption}} [\text{KWh}]$$

$$\text{Battery} = \frac{\text{EnergyNecessary} * 100}{\text{Battery Capacity}} [\%]$$

```
{
  "UserID": "1",
  "UserName": "Mario",
  "UserSurname": "Rossi",
  "CapacityBattery": 50,
  "Consumption_km/kwh": 6,
  "ChatID": "740346462",
  "ThingSpeakKey": "2141952",
  "ConnectedDevices": [
```

```
"Agenda": {
  "Monday": [
    {
      "Type": "work",
      "StartTimeSlot": 8,
      "NumberOfTotalKilometers": 50
    },
    {
      "Type": "sport",
      "StartTimeSlot": 19,
      "NumberOfTotalKilometers": 18
    }
  ],
  "Tuesday": [
    {
      "Type": "work",
      "StartTimeSlot": 8,
      "NumberOfTotalKilometers": 50
    }
  ],
  "Wednesday": [
```