Answer 1:

This aggregate is not in 1NF because detailing can have more than one values means there

isn't one and only one corresponding value of the non-key attributes. So, it is, violating the atomicity requirement.

Answer 2:

In the data "Owner's Last Name" and "Owner's Phone Number" are functionally dependent upon the

primary key but "Owner's Phone Number" is also dependent upon the "Owner's Last Name".

So, there is transitive dependencies between non-key attributes, Which means data is not in Third Normal Form.

Answer 3:

Appointments: {<u>Date, Time,</u>OwnerPhoneNumber}

Car_Info: {OwnerPhoneNumber, VehiclePlate, VehicleModel}

Details:{Date, Time, Detailing}

Owners:{OwnerPhoneNumber,OwnerLastName}