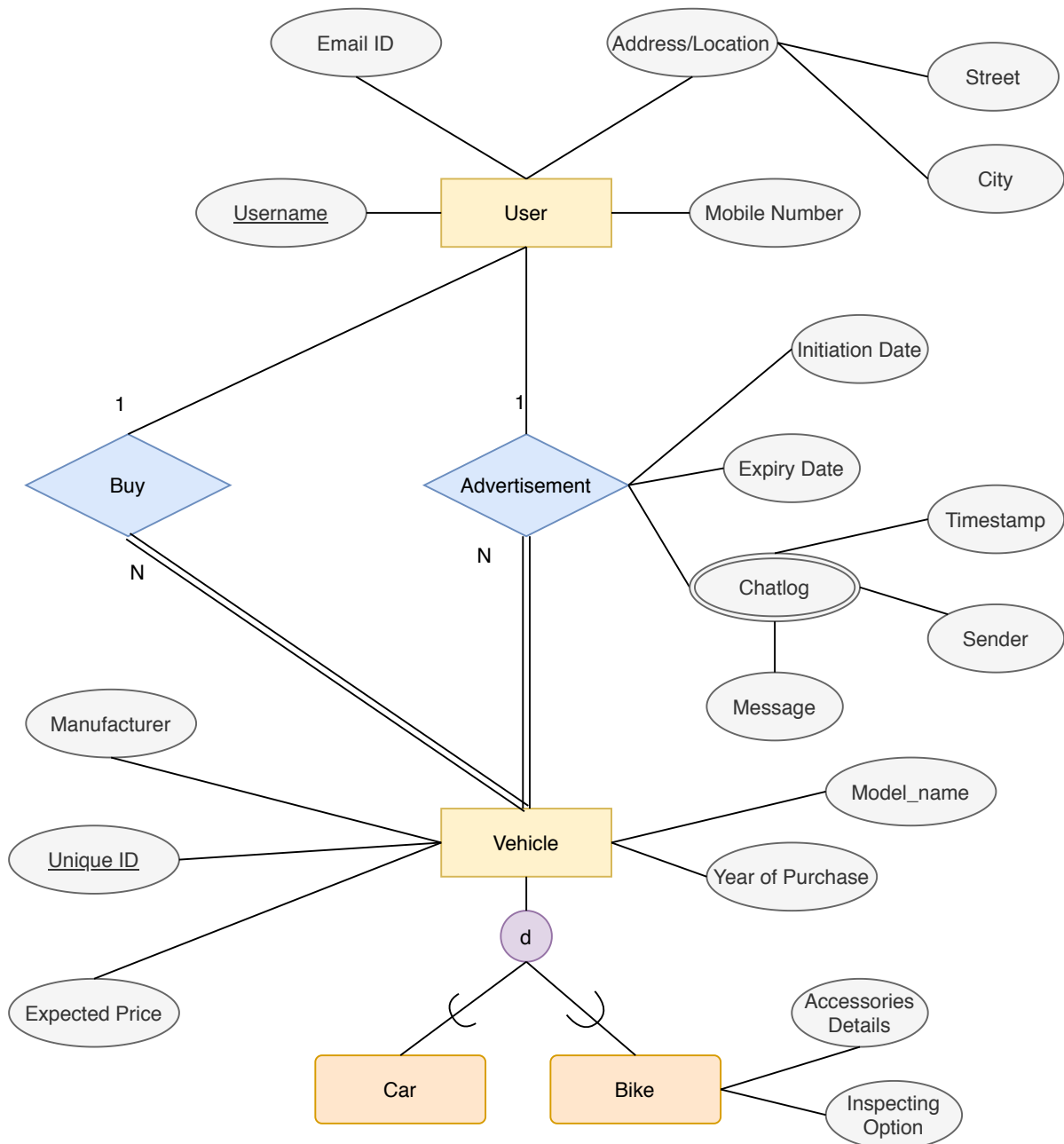# Exercise 2
ER Model

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Entities:

1. User

Key attribute: Username

Attributes: Email ID, Mobile number, Address/Location(Street,City) -(Composite)

2. Vehicle

Key attribute: Unique ID

Attributes: Model name, Manufacturer, Expected price, Year of Purchase

Sub classes: (Disjoint)

a) Car

b) Bike - Attributes: Accessories detail, Inspecting Option

(All attributes are simple unless mentioned otherwise)

Relationships:

1. Buy(1:n)

User(partial participation) buys Vehicle(total participation)

2. Advertisement (1:n)

User(partial) advertises Vehicle(total)
Attributes:
- Initiation date
- Expiry Date(Initiation date +20),
- {Chatlog (Timestamp, Sender, Message)}
(Multivalued and composite nested)