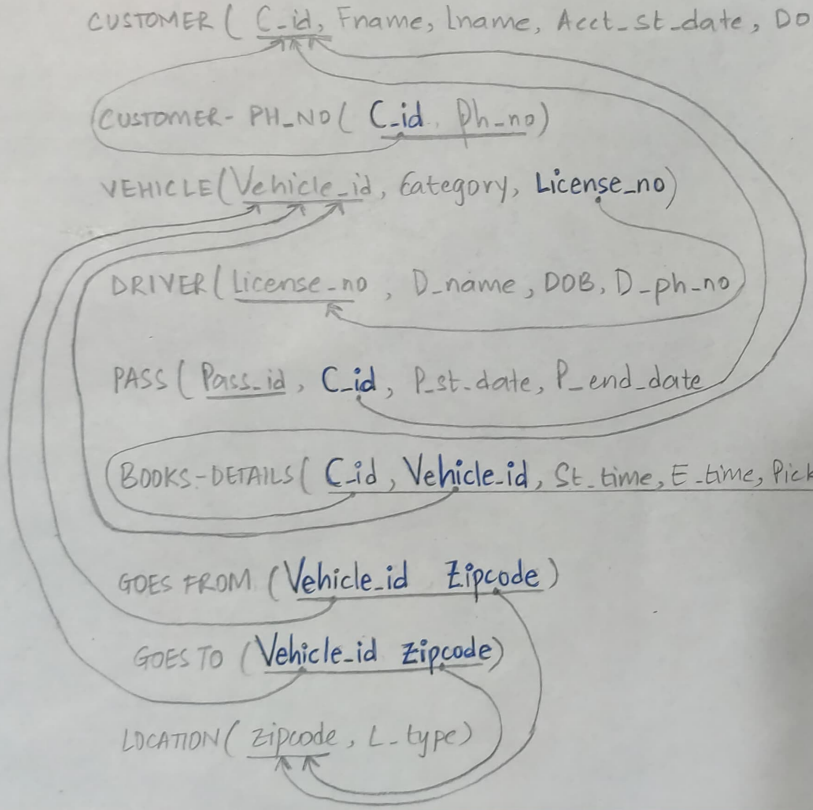
RELATIONAL MAPPING

SUBMITTED BY:
TEAM 10

AARTI : 1002037027
MANSI : 1001874295
SAKSHI : 1002085379
VAISHNAVI : 1002088211



NOTE:
Primarys keys are underlined.
Foreign keys are marked in blue

RELATION	CANDIDATE KEYS
CUSTOMER	c_id
CUSTOMER-PH_NO	{c_id, Ph-no}
VEHICLE	vehicle_id, license_no
DRIVER	license_no, ph_no,
PASS	pass_id, c_id
GOES_FROM	{vehicle_id, zipcode}
GOES_TO	{vehicle_id, zipcode}
BOOKS-DETAILS	{c_id, vehicle_id, st_time, e_time, pickup, drop, book_date, price}
LOCATION	zipcode

NOTE:

{a, b} → a, b together make one candidate key

a, b → a, b are individual candidate keys for the relation mentioned.

RELATION:	FUNCTIONAL DEPENDENCIES:
CUSTOMER:	c_id → { fname, lname, acct_st_date, DOB }
VEHICLE:	vehicle_id → { category, license_no } license_no → { vehicle_id, category }
DRIVER:	license_no → { D_name, DOB, D_ph_no } D_ph_no → { license_no, D_name, DOB }
PASS:	p_id → { c_id, P_st_date, P_end_date } c_id → { p_id, P_st_date, P_end_date }
LOCATION:	zipcode → L_type

FUNCTIONAL DEPENDENCIES