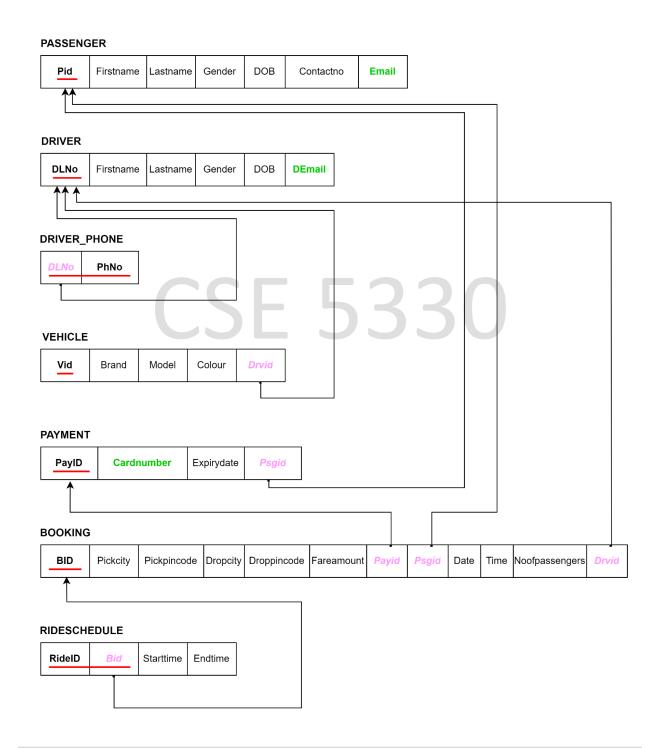
## **Mapping to Relations**

**Primary Keys:** Primary keys are underlined with **red** color.

Foreign Keys: Foreign Keys are *highlighted* in italics.

Candidate Keys: Candidate Keys are highlighted in color.



### **Candidate Keys in the Relation**

```
PASSENGER: { Pid }, { Email }
DRIVER: { DLNo }, { DEmail }
VEHICLE: { Vid }
PAYMENT: { PayID }, { Cardnumber }
BOOKING: { BID }
RIDESCHEDULE: { RideID, Bid }
Functional Dependency
```

```
PASSENGER:
{ Pid } → { Firstname, Lastname, Gender, DOB, Contactno, Email }
{ Email } → { Pid, Firstname, Lastname, Gender, DOB, Contactno }
DRIVER:
{ DLNo } → { Firstname, Lastname, Gender, DOB, DEmail }
{ DEmail } → { DLNo, Firstname, Lastname, Gender, DOB }
VEHICLE:
\{\ \mathsf{Vid}\ \} \to \{\ \mathsf{Brand},\ \mathsf{Model},\ \mathsf{Colour},\ \mathsf{Drvid}\ \}
PAYMENT:
{ PayID } → { Cardnumber, Expirydate, Psgid }
{ Cardnumber } → { Expirydate, Psgid, PayID }
BOOKING:
{ BID} → { Pickcity, Pickpincode, Dropcity, Droppincode, Fareamount, Date, Time,
Noofpassengers, Payid, Psgid, Drvid }
RIDESCHEDULE:
{ RideID, Bid } → { Starttime, Endtime }
```

## **Group 12 Member Details:**

Sl. No.	Name	Student ID	Email address
01	Abhisangh Singh Arora	1002055604	asa5604@mavs.uta.edu
02	Anusha Anand	1002083081	axa3081@mavs.uta.edu
03	Lolita Dmello	1002020314	lld0314@mavs.uta.edu
04	Naveen Kumar Rajendran	1002039449	nxr9449@mavs.uta.edu

# CSE 5330