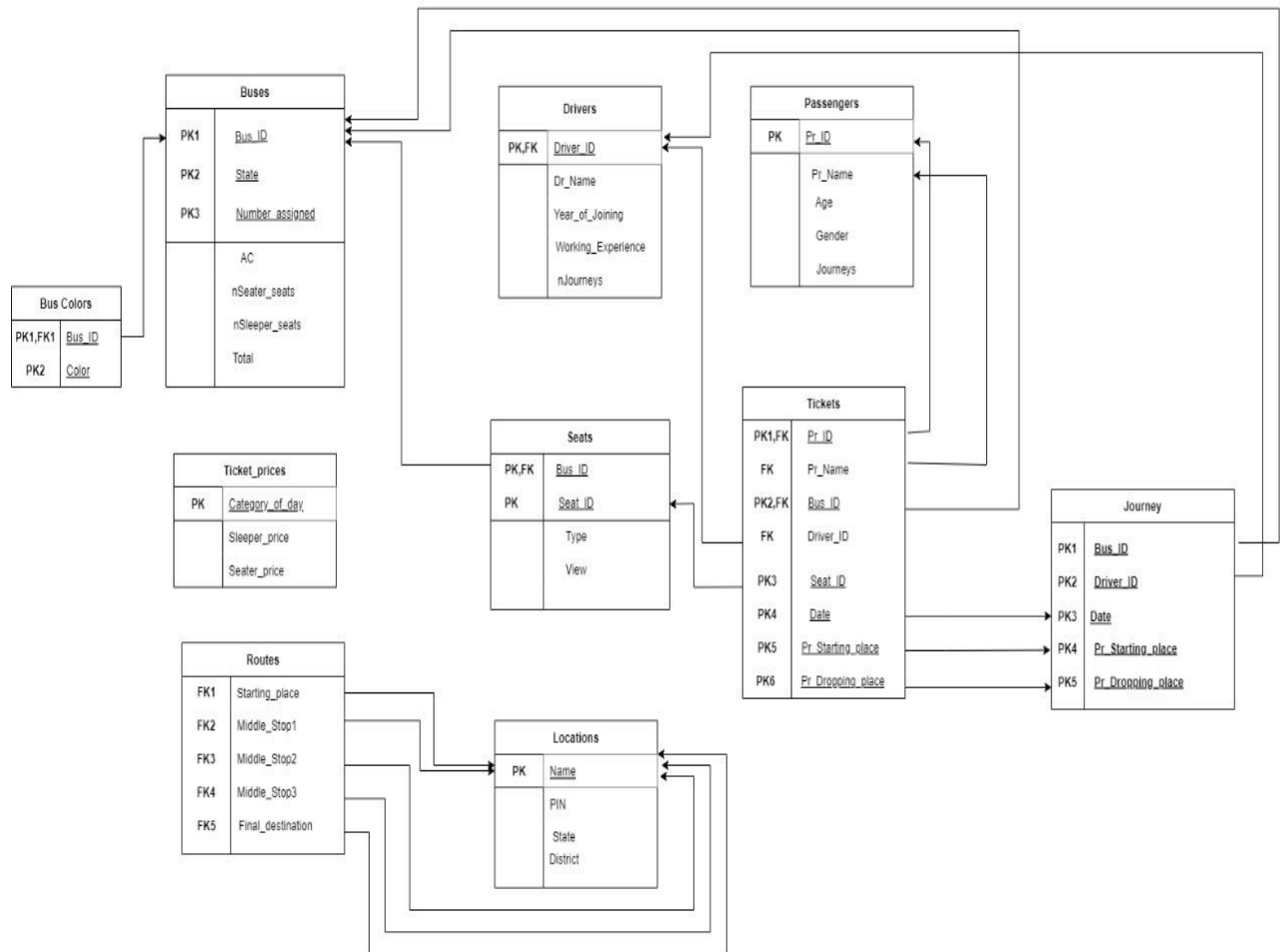# PROJECT PHASE-3

Relational model for our project:

Explanation:
- **PK ->** Primary Key
- **FK ->** Foreign Key
- Set of PKs in a table forms a primary key for the respective entity
- FKs refer to some PK
- No more than 3 middle stops exist on a route. If there are less than 3, extra are given NULL value.
- We have an added an attribute Seat_ID in entity tickets,which we forgot to mention in previous submissions

1NF Relational model:

- 1NF is same as relational schema above

Explanation:

- In Relational model,no composite attributes or multi-valued attributes are present.

2NF Relational model:

- 2 NF relational model of our project is same as 1NF,which is shown in above page.

Explanation:

Every non-prime attribute in any relation R in 1NF is fully functionally dependent on the primary key.

3NF Relational model:

- 3NF relational model of our project is same as 2NF.

Explanation:

No non-prime attribute in any relation R in 1NF is transitively dependent on the primary key.