**City Bus Transport System**

**Minimal set of Functional Dependencies**

**Employee:-**

E\_ID -> E\_Name

E\_ID -> Add\_Line1

E\_ID -> Add\_Line2

E\_ID -> Pincode

E\_ID -> E\_Type

E\_Type\_No -> E\_Type\_Name

E\_Type\_No -> D\_No

E\_Type\_Name -> E\_Type\_No

E\_Type\_Name -> D\_No

D\_No -> D\_Name

D\_No -> Manager\_ID

D\_Name -> D\_No

D\_Name -> Manager\_ID

Manager\_ID -> D\_No

Manager\_ID -> D\_Name

Bus\_No -> Bus\_Number\_Plate

Bus\_No -> Bus\_Type

Bus\_No -> Daily\_Collection

Bus\_Number\_Plate -> Bus\_No

Bus\_Number\_Plate -> Bus\_Type

Bus\_Number\_Plate -> Daily\_Collection

Bus\_Type\_Name -> Base\_Fare

Bus\_Type\_Name -> Seats

Bus\_Type\_Name -> Rate\_Per\_Kilometer

Bus\_Stop\_Code -> Bus\_Stop\_Name

Bus\_Stop\_Name -> Bus\_Stop\_Code

Bus\_Stand\_Stop\_Code -> Has\_Garage

Bus\_Stand\_Stop\_Code -> Number\_Of\_Platforms

{ Route\_No, Stop\_No, Stop\_Code } -> Distance\_From\_Start

{ Route\_No, Stop\_No, Stop\_Code } -> Estimated\_Time\_From\_Start

{ Bus\_Type, Pass\_Type, Route\_No } -> Pass\_Cost

{ Bus\_Type, Pass\_Type, Route\_No } -> Passes\_Sold