

Requirements for the **Bus Reservation System**.

- ❖ We store each **BUS** by its *Registration Number*, **OWNER**, *Number of Seats* in the bus and its *Condition* (whether A/C or non A/C). Seats are numbered in a particular Bus and those seats can be reserved by its number.
- ❖ Each bus is owned by a particular **OWNER**. Owner has a *NIC*, *Name*, *Contact No.*, *Gender*, *BirthDate* and an *Address*. Owner may own several buses but particular bus has only one owner.
- ❖ Each bus runs on a **ROUTE** which identifies by a *Route ID.*, *Start City*, *End City*, *Roughly traveling Duration*, *Fare* and *Distance*. **ROUTE** can have Subroutes. Subroute can be in many **ROUTE**.
- ❖ Buses and Routes are assigned to a **TIME SLOT**. It contains a *Id*, *Date* and *Departure Time*.
- ❖ **CUSTOMER** can reserve number of seats in a particular Bus runs in a particular route. Customer can be identified by his/her *NIC Number*, *Name*, *Age*, *Gender*, *Address*, *BirthDate* and a *Contact Number*.