

## 9.1 ER MODELING FROM THE PROBLEM STATEMENT

### 9.1.1 ER DIAGRAM DESCRIPTION

- ✚ An entity relationship diagram is a data modelling technique that graphically an information system's entities and relationships between those entities.
- ✚ The details of the product are stored in the product tables.
- ✚ Each entity has a primary key and unique key.
- ✚ The entity set presented here are Login, Roles, User, Permissions, Police, Data visualization, Crime, Case, FIR.
- ✚ There is one to one relation between Login to User, User to Permissions and Crime to FIR.
- ✚ There is one to many relations between Login to Roles and Police to Data visualization.
- ✚ There are many to many relations between Data visualization and Crime and Crime to Cases.



