**PROJECT**

**PROBLEM STATEMENT:**

*The logistics company provides services in both the international and domestic sectors. The logistics management takes into consideration every facility that has an impact on cost. It plays an important role in making the product confirm to customer requirements. Also, it involves efficient integration of suppliers, manufacturers, Import & export and other activities at many levels; from the strategic level through the tactical to the operational level.*

*Customers can send different types of shipping contents. Payment is to be done at the same time the product is delivered to the client. Delivery boy and centre head can update the status of the shipment. Create a database schema and that can be used in any technology.*

**create schema project;**

* **EMPLOYEE\_DETAILS**

**CREATE TABLE `employee\_details ` (**

**`E\_ID’ int(5) NOT NULL,**

**`E\_NAME` varchar(30) NOT NULL,**

**`E\_DESIGNATION` varchar(40) NOT NULL,**

**`E\_ADDR` varchar(100) NOT NULL,**

**`E\_BRANCH` varchar(15) NOT NULL,**

**`E\_CONT\_NO` varchar(10) NOT NULL,**

**PRIMARY KEY (`E\_ID`)**

**);**

**2.)MEMBERSHIP**

**CREATE TABLE `membership` (**

**`M\_ID` int NOT NULL,**

**`Start\_date` text NOT NULL,**

**`End\_date` text NOT NULL,**

**PRIMARY KEY (`M\_ID`)**

**);**

**3.)CUSTOMER**

**CREATE TABLE `customer` (**

**`C\_ID` int(4) NOT NULL,**

**`M\_ID` int NOT NULL,**

**`C\_NAME` varchar(30) NOT NULL,**

**`C\_EMAIL\_ID` varchar(50) NOT NULL,**

**`C\_TYPE` varchar(30) NOT NULL,**

**`C\_ADDR` varchar(100) NOT NULL,**

**`C\_CONT\_NO` varchar(10) NOT NULL,**

**PRIMARY KEY (`C\_ID`),**

**KEY `M\_ID\_idx` (`M\_ID`),**

**CONSTRAINT `M\_ID` FOREIGN KEY (`M\_ID`) REFERENCES `membership` (`M\_ID`)**

**);**

**4.)SHIPMENT\_DETAILS**

**CREATE TABLE `shipment\_details` (**

**`SH\_ID` varchar(6) NOT NULL,**

**`C\_ID` int(4) NOT NULL,**

**`SH\_CONTENT` varchar(40) NOT NULL,**

**`SH\_DOMAIN` varchar(15) NOT NULL,**

**`SER\_TYPE` varchar(15) NOT NULL,**

**`SH\_WEIGHT` varchar(10) NOT NULL,**

**`SH\_CHARGES` int(10) NOT NULL,**

**`SR\_ADDR` varchar(100) NOT NULL,**

**`DS\_ADDR` text NOT NULL,**

**PRIMARY KEY (`SH\_ID`),**

**KEY `C\_ID\_idx` (`C\_ID`),**

**CONSTRAINT `C\_ID` FOREIGN KEY (`C\_ID`) REFERENCES `customer` (`C\_ID`)**

**);**

**5.)STATUS**

**CREATE TABLE `status` (**

**`SH\_ID` varchar(6) NOT NULL,**

**`Current\_Status` varchar(15) NOT NULL,**

**`Sent\_date` text NOT NULL,**

**`Delivery\_date` text NOT NULL,**

**PRIMARY KEY (`SH\_ID`)**

**);**

**6.)EMPLOYEE\_MANAGES\_SHIPMENT**

**CREATE TABLE `employee\_manages\_shipment` (**

**`Employee\_E\_ID` int(5) DEFAULT NULL,**

**`Shipment\_Sh\_ID` varchar(6) DEFAULT NULL,**

**`Status\_Sh\_ID` varchar(6) DEFAULT NULL,**

**KEY `Employee\_E\_ID\_idx` (`Employee\_E\_ID`),**

**KEY `Shipment\_Sh\_ID\_idx` (`Shipment\_Sh\_ID`),**

**KEY `Status\_Sh\_ID\_idx` (`Status\_Sh\_ID`),**

**CONSTRAINT `Employee\_E\_ID` FOREIGN KEY (`Employee\_E\_ID`) REFERENCES `employee\_details` (`E\_ID`),**

**CONSTRAINT `Shipment\_Sh\_ID` FOREIGN KEY (`Shipment\_Sh\_ID`) REFERENCES `shipment\_details` (`SH\_ID`),**

**CONSTRAINT `Status\_Sh\_ID` FOREIGN KEY (`Status\_Sh\_ID`) REFERENCES `status` (`SH\_ID`)**

**) ;**

**7.)PAYMENT\_DETAILS**

**CREATE TABLE `payment\_details` (**

**`Payment\_ID` varchar(40) NOT NULL,**

**`C\_ID` int(4) NOT NULL,**

**`SH\_ID` varchar(6) NOT NULL,**

**`AMOUNT` int NOT NULL,**

**`Payment\_Status` varchar(10) NOT NULL,**

**`Payment\_Mode` varchar(25) NOT NULL,**

**`Payment\_Date` text NOT NULL**

**PRIMARY KEY (`Payment\_ID `),**

**KEY `C\_ID\_idx` (`C\_ID`),**

**KEY `SH\_ID\_idx` (`SH\_ID`),**

**CONSTRAINT `C\_ID` FOREIGN KEY (`C\_ID`) REFERENCES `customer` (`C\_ID`),**

**CONSTRAINT `SH\_ID` FOREIGN KEY (‘SH\_ID`) REFERENCES `shipment\_details` (`SH\_ID`)**

**);**