**Client Table Creation**

CREATE TABLE `oilinventory`.`Client` (

`ClientId` VARCHAR(20) NOT NULL ,

`FName` VARCHAR(45) NOT NULL ,

`LName` VARCHAR(45) NULL ,

`Username` VARCHAR(45) NOT NULL ,

`Password` VARCHAR(45) NOT NULL ,

`Phone` INT NULL ,

`Level` VARCHAR(6) NOT NULL DEFAULT 'SILVER' ,

`Due` DOUBLE NULL ,

PRIMARY KEY (`ClientId`) ,

UNIQUE INDEX `Username\_UNIQUE` (`Username` ASC) ,

UNIQUE INDEX `Phone\_UNIQUE` (`Phone` ASC) );

**Payment Table**

CREATE TABLE `oilinventory`.`Payment` (

`PaymentId` VARCHAR(25) NOT NULL ,

`CllientId` VARCHAR(45) NOT NULL ,

`Amount` DOUBLE NOT NULL ,

`PDate` DATE NOT NULL ,

`Trader` VARCHAR(45) NOT NULL ,

PRIMARY KEY (`PaymentId`) );

**Transaction Table**

CREATE TABLE `oilinventory`.`Transaction` (

`ClientId` VARCHAR(25) NOT NULL ,

`Tid` VARCHAR(45) NOT NULL ,

`Quantity` FLOAT NOT NULL ,

`TDate` DATE NOT NULL ,

`Rate` FLOAT NOT NULL ,

`Commission` DOUBLE NOT NULL ,

`CMode` TINYINT NOT NULL ,

`Reserve` DOUBLE NOT NULL ,

PRIMARY KEY (`Tid`) );