OIL TRANSACTION SYSTEM

A PROJECT REPORT

SUBMITTED FOR THE FULFILLMENT OF

CS/SE 6360 – TERM PROJECT: FALL 2014

Submitted by:

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SQL Queries:

Create Table Queries :

CREATE TABLE UTD_OIL;

CREATE TABLE `account` (

  `Account_id` int(10) not null,

  `oil_reserves` float,

  `cash_reserves` float,

  `barrel_history` float,

  `Client_id` int(10),

  PRIMARY KEY (`Account_id`),

  KEY `client_fk1` (`Client_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `address` (

  `Street` varchar(20) not null,

  `City` varchar(15),

  `State` varchar(15),

  `Zip` int(10),

  `Apt_no` int(7) not null default '0',

  `Client_id` int(10),

  PRIMARY KEY (`Street`,`Apt_no`),

  KEY `fk` (`Client_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `client` (

  `Client_id` int(11) not null,

  `Fname` varchar(20),

```sql
  `Lname` varchar(20),

  `Phn_no` bigint(15),

  `email_id` varchar(30),

  `cell_no` bigint(15),

  `role` varchar(7),

  PRIMARY KEY (`Client_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;


CREATE TABLE `client_login` (

  `email_id` varchar(30) not null,

  `password` varchar(20),

  `Client_id` int(10),

  PRIMARY KEY (`email_id`),

  KEY `client_fk12` (`Client_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;


CREATE TABLE `manager` (

  `m_id` int(11) not null default '0',

  `m_username` varchar(20),

  `password` varchar(15),

  PRIMARY KEY (`m_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `trader` (

  `Trader_id` int(10) not null,

  `T_name` varchar(15),

  `T_email` varchar(30),

  `Tphn_no` bigint(15),
```

```sql
  `Comm_oil` float,

  `Comm_cash` float,

  PRIMARY KEY (`Trader_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;


CREATE TABLE `trader_login` (

  `t_username` varchar(20) not null,

  `Password` varchar(20),

  `Trader_id` int(10),

  PRIMARY KEY (`t_username`),

  KEY `trader_fk5` (`Trader_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;


CREATE TABLE `transact_log` (

  `Transact_id` int(13),

  `Trader_id` int(10),

  `Client_id` int(10),

  `Amt_paid` int(13),

  `T_date` date,

  `Tid` int(10) not null,

  KEY `trans_fk` (`Transact_id`),

  KEY `client_fk4` (`Client_id`),

  KEY `trade_fk4` (`Trader_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;


CREATE TABLE `transactions` (

  `Client_id` int(10),
```

```
`Transact_id` int(13) not null,

`Trader_id` int(10),

`oil_qty` int(10),

`Amount` int(13),

`Status` varchar(13),

`Comm_type` varchar(10),

`Comm_paid` varchar(10),

`Trans_date` date,

`Amt_Paid` varchar(10),

`Amt_left` varchar(10),

`Transact_type` varchar(10),

PRIMARY KEY (`Transact_id`),

KEY `client_fk2` (`Client_id`),

KEY `trade_fk1` (`Trader_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

Drop Queries:

```
DROP DATABASE utd_oil;
```

Insert Queries:

Traders Details:

```
INSERT INTO `trader`
(`Trader_id`, `T_name`, `T_email`, `Tphn_no`, `Comm_oil`, `Comm_cash`) VALUES
('66000', 'chethana', 'chethana@gmail.com', '1234567890', '', ''),
('66001', 'hima', 'hima@gmail.com', '1235679047', '', ''),
('66002', 'Rafi', 'Rafi@gmail.com', '1342568906', '', ''),
('66003', 'yogesh', 'yogesh@gmail.com', '123908765', '', ''),
('66004', 'john', 'john@gmail.com', '234156780', '', ''),
('66005', 'alex', 'alex@gmail.com', '231456098', '', ''),
```

('66006', 'emily', 'emily@gmail.com', '345216708', '', ''),
('66007', 'stewart', 'stewart@gmail.com', '456782340', '', ''),
('66008', 'christ', 'christ@gmail.com', '453678092', '', ''),
('66009', 'gini', 'gini@gmail.com', '675432109', '', '');

Manager Details:

INSERT INTO 'manager'
('m_id','m_username','password') VALUES
('777000','manager@ots.com','admin@ots');