

-- MySQL Script generated by MySQL Workbench

-- Fri Mar 31 17:44:36 2017

-- Model: New Model Version: 1.0

-- MySQL Workbench Forward Engineering

-- Schema ics311sp170105

-- Schema ics311sp170105

USE `ics311sp170105` ;

-- Table `ics311sp170105`.`Employee`

DROP TABLE IF EXISTS `ics311sp170105`.`Employee` ;

CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Employee` (

`EmployeeID` INT NOT NULL,

`FirstName` VARCHAR(45) NOT NULL,

`MiddleInitial` VARCHAR(1) NULL,

`LastName` VARCHAR(45) NOT NULL,

`Title` VARCHAR(45) NULL,

`Salary` DECIMAL(13,4) NULL,

`SSN` VARCHAR(11) NULL,

PRIMARY KEY (`EmployeeID`),

UNIQUE INDEX `EmployeeID_UNIQUE` (`EmployeeID` ASC),

```
UNIQUE INDEX `SSN_UNIQUE` (`SSN` ASC))
```

```
ENGINE = InnoDB;
```

```
-- Table `ics311sp170105`.`Employee_Deposit`
```

```
DROP TABLE IF EXISTS `ics311sp170105`.`Employee_Deposit` ;
```

```
CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Employee_Deposit` (
```

```
  `EmployeeDepositID` INT NOT NULL,
```

```
  `EmployeeID` INT NOT NULL,
```

```
  `BankName` VARCHAR(45) NOT NULL,
```

```
  `RoutingNumber` INT(9) NOT NULL,
```

```
  `AccountNumber` INT(10) NOT NULL,
```

```
  `AmountPercentage` DECIMAL NOT NULL,
```

```
  PRIMARY KEY (`EmployeeDepositID`),
```

```
  UNIQUE INDEX `EmployeeDepositID_UNIQUE` (`EmployeeDepositID` ASC),
```

```
  INDEX `EmployeeID_idx` (`EmployeeID` ASC),
```

```
  CONSTRAINT `EmployeeID`
```

```
    FOREIGN KEY (`EmployeeID`)
```

```
      REFERENCES `ics311sp170105`.`Employee` (`EmployeeID`)
```

```
    ON DELETE NO ACTION
```

```
    ON UPDATE NO ACTION)
```

```
ENGINE = InnoDB;
```

```
-- Table `ics311sp170105`.`Change_Log`
```

DROP TABLE IF EXISTS `ics311sp170105`.`Change_Log` ;

CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Change_Log` (
 `ChangeLogID` INT NOT NULL,
 `EmployeeID` INT NOT NULL,
 `Date` DATE NOT NULL,
 `Time` TIME NOT NULL,
 `Table` VARCHAR(45) NOT NULL,
 `Type` VARCHAR(45) NOT NULL,
 `Description` VARCHAR(100) NULL,
 PRIMARY KEY (`ChangeLogID`),
 UNIQUE INDEX `ChangeLogID_UNIQUE` (`ChangeLogID` ASC),
 INDEX `EmployeeID_idx` (`EmployeeID` ASC),
 CONSTRAINT `EmployeeID1`
 FOREIGN KEY (`EmployeeID`)
 REFERENCES `ics311sp170105`.`Employee` (`EmployeeID`)
 ON DELETE NO ACTION
 ON UPDATE NO ACTION)
ENGINE = InnoDB;

-- Table `ics311sp170105`.`Client`

DROP TABLE IF EXISTS `ics311sp170105`.`Client` ;

CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Client` (
 `ClientID` INT NOT NULL,

```
`FirstName` VARCHAR(45) NOT NULL,  
`LastName` VARCHAR(45) NOT NULL,  
PRIMARY KEY (`ClientID`),  
UNIQUE INDEX `ClientID_UNIQUE` (`ClientID` ASC))  
ENGINE = InnoDB;
```

```
-- Table `ics311sp170105`.`Client_Business`  
-----
```

```
DROP TABLE IF EXISTS `ics311sp170105`.`Client_Business` ;
```

```
CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Client_Business` (  
  `BusinessID` INT NOT NULL,  
  `ClientID` INT NOT NULL,  
  `Name` VARCHAR(80) NOT NULL,  
  PRIMARY KEY (`BusinessID`),  
  UNIQUE INDEX `BusinessID_UNIQUE` (`BusinessID` ASC),  
  INDEX `ClientID_idx` (`ClientID` ASC),  
  CONSTRAINT `ClientID`  
    FOREIGN KEY (`ClientID`)  
      REFERENCES `ics311sp170105`.`Client` (`ClientID`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION)  
ENGINE = InnoDB;
```

```
-- Table `ics311sp170105`.`Client_Email`  
-----
```

DROP TABLE IF EXISTS `ics311sp170105`.`Client_Email` ;

CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Client_Email` (
 `ClientEmailID` INT NOT NULL,
 `ClientID` INT NOT NULL,
 `Address` VARCHAR(60) NOT NULL,
 `Type` VARCHAR(45) NULL,
 PRIMARY KEY (`ClientEmailID`),
 UNIQUE INDEX `ClientEmailID_UNIQUE` (`ClientEmailID` ASC),
 INDEX `ClientID_idx` (`ClientID` ASC),
 CONSTRAINT `ClientID1`
 FOREIGN KEY (`ClientID`)
 REFERENCES `ics311sp170105`.`Client` (`ClientID`)
 ON DELETE NO ACTION
 ON UPDATE NO ACTION)
ENGINE = InnoDB;

-- Table `ics311sp170105`.`Client_Phone`

DROP TABLE IF EXISTS `ics311sp170105`.`Client_Phone` ;

CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Client_Phone` (
 `ClientPhoneID` INT NOT NULL,
 `ClientID` INT NOT NULL,
 `Number` INT(10) NOT NULL,
 `Type` VARCHAR(45) NULL,

```
PRIMARY KEY (`ClientPhoneID`),
UNIQUE INDEX `ClientPhoneID_UNIQUE` (`ClientPhoneID` ASC),
INDEX `ClientID_idx` (`ClientID` ASC),
CONSTRAINT `ClientID2`
  FOREIGN KEY (`ClientID`)
  REFERENCES `ics311sp170105`.`Client` (`ClientID`)
  ON DELETE NO ACTION
  ON UPDATE NO ACTION)
ENGINE = InnoDB;
```

```
-- -----
-- Table `ics311sp170105`.`Project`
-- -----
```

```
DROP TABLE IF EXISTS `ics311sp170105`.`Project` ;
```

```
CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Project` (
  `ProjectID` INT NOT NULL,
  `ClientID` INT NOT NULL,
  `BusinessID` INT NOT NULL,
  `Title` VARCHAR(45) NULL,
  `Type` VARCHAR(45) NULL,
  `Start` DATE NULL,
  `End` DATE NULL,
  `Due` DATE NULL,
  `Budget` DECIMAL(13,4) NULL,
  `Commission` DECIMAL(13,4) NULL,
  PRIMARY KEY (`ProjectID`),
  UNIQUE INDEX `ProjectID_UNIQUE` (`ProjectID` ASC),
```

```

INDEX `ClientID_idx` (`ClientID` ASC),
INDEX `BusinessID_idx` (`BusinessID` ASC),
CONSTRAINT `ClientID3`
    FOREIGN KEY (`ClientID`)
    REFERENCES `ics311sp170105`.`Client` (`ClientID`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION,
CONSTRAINT `BusinessID1`
    FOREIGN KEY (`BusinessID`)
    REFERENCES `ics311sp170105`.`Client_Business` (`BusinessID`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `ics311sp170105`.`Payment`
-----

```

```

DROP TABLE IF EXISTS `ics311sp170105`.`Payment` ;

```

```

CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Payment` (
    `PaymentID` INT NOT NULL,
    `ProjectID` INT NOT NULL,
    `ClientID` INT NOT NULL,
    `Amount` DECIMAL(13,4) NOT NULL,
    PRIMARY KEY (`PaymentID`),
    UNIQUE INDEX `PaymentID_UNIQUE` (`PaymentID` ASC),
    INDEX `ProjectID_idx` (`ProjectID` ASC),
    INDEX `ClientID_idx` (`ClientID` ASC),

```

```

CONSTRAINT `ProjectID`
  FOREIGN KEY (`ProjectID`)
    REFERENCES `ics311sp170105`.`Project` (`ProjectID`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION,
CONSTRAINT `ClientID4`
  FOREIGN KEY (`ClientID`)
    REFERENCES `ics311sp170105`.`Client` (`ClientID`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION)
ENGINE = InnoDB;

```

```

-----
-- Table `ics311sp170105`.`Employee_Project`
-----

DROP TABLE IF EXISTS `ics311sp170105`.`Employee_Project` ;

```

```

CREATE TABLE IF NOT EXISTS `ics311sp170105`.`Employee_Project` (
  `EmployeeID` INT NOT NULL,
  `ProjectID` INT NOT NULL,
  PRIMARY KEY (`EmployeeID`, `ProjectID`),
  INDEX `ProjectID_idx` (`ProjectID` ASC),
  CONSTRAINT `EmployeeID2`
    FOREIGN KEY (`EmployeeID`)
      REFERENCES `ics311sp170105`.`Employee` (`EmployeeID`)
      ON DELETE NO ACTION
      ON UPDATE NO ACTION,
  CONSTRAINT `ProjectID2`

```



```
FOREIGN KEY (`ProjectID`)
REFERENCES `ics311sp170105`.`Project` (`ProjectID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;
```

```
SET SQL_MODE=@OLD_SQL_MODE;

SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS;

SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS;
```

```
mysql> show tables;
+-----+
| Tables_in_ics311sp170105 |
+-----+
| 3_columns_orders         |
| 3_orders                 |
| change_log              |
| client                  |
| client_business         |
| client_email            |
| client_phone            |
| employee                |
| employee_deposit        |
| employee_project        |
| payment                 |
| project                 |
+-----+
12 rows in set (0.00 sec)
```

```
mysql> █
```

Connected to sp-cfsics.metrostate.edu

```

START TRANSACTION;

USE `ics311sp170105`;

INSERT INTO `ics311sp170105`.`Employee` (`EmployeeID`, `FirstName`, `MiddleInitial`, `LastName`,
`Title`, `Salary`, `SSN`) VALUES (1, 'John', 'A', 'Dane', 'Manager', 100000, '000-0000-01');

INSERT INTO `ics311sp170105`.`Employee` (`EmployeeID`, `FirstName`, `MiddleInitial`, `LastName`,
`Title`, `Salary`, `SSN`) VALUES (2, 'Hunter', 'Y', 'McAlister', 'UI Desinger', 70000, '000-0000-02');

INSERT INTO `ics311sp170105`.`Employee` (`EmployeeID`, `FirstName`, `MiddleInitial`, `LastName`,
`Title`, `Salary`, `SSN`) VALUES (3, 'Barbara', 'Q', 'Stevens', 'Software Developer', 80000, '000-0000-03');

INSERT INTO `ics311sp170105`.`Employee` (`EmployeeID`, `FirstName`, `MiddleInitial`, `LastName`,
`Title`, `Salary`, `SSN`) VALUES (4, 'Mathew', 'V', 'Smith', 'Software Developer', 80000, '000-0000-04');

INSERT INTO `ics311sp170105`.`Employee` (`EmployeeID`, `FirstName`, `MiddleInitial`, `LastName`,
`Title`, `Salary`, `SSN`) VALUES (5, 'Laura', 'G', 'Gene', 'QA Analyst', 70000, '000-0000-05');

COMMIT;

```

```

-----

-- Data for table `ics311sp170105`.`Employee_Deposit`

-----

```

```

START TRANSACTION;

USE `ics311sp170105`;

INSERT INTO `ics311sp170105`.`Employee_Deposit` (`EmployeeDepositID`, `EmployeeID`, `BankName`,
`RoutingNumber`, `AccountNumber`, `AmountPercentage`) VALUES (1, 1, 'TCF', 987654321,
4486341171, 0.95);

INSERT INTO `ics311sp170105`.`Employee_Deposit` (`EmployeeDepositID`, `EmployeeID`, `BankName`,
`RoutingNumber`, `AccountNumber`, `AmountPercentage`) VALUES (2, 1, 'US BANK', 123456123,
7058579718, 0.05);

INSERT INTO `ics311sp170105`.`Employee_Deposit` (`EmployeeDepositID`, `EmployeeID`, `BankName`,
`RoutingNumber`, `AccountNumber`, `AmountPercentage`) VALUES (3, 2, 'US BANK', 123456123,
8654379403, 1);

INSERT INTO `ics311sp170105`.`Employee_Deposit` (`EmployeeDepositID`, `EmployeeID`, `BankName`,
`RoutingNumber`, `AccountNumber`, `AmountPercentage`) VALUES (4, 3, 'TCF', 987654321,
8556835913, 1);

```

```
INSERT INTO `ics311sp170105`.`Employee_Deposit` (`EmployeeDepositID`, `EmployeeID`, `BankName`,  
`RoutingNumber`, `AccountNumber`, `AmountPercentage`) VALUES (5, 4, 'WELLS FARGO', 481348324,  
8463879198, 1);
```

```
INSERT INTO `ics311sp170105`.`Employee_Deposit` (`EmployeeDepositID`, `EmployeeID`, `BankName`,  
`RoutingNumber`, `AccountNumber`, `AmountPercentage`) VALUES (6, 5, 'TCF', 987654321,  
3771868798, .85);
```

```
INSERT INTO `ics311sp170105`.`Employee_Deposit` (`EmployeeDepositID`, `EmployeeID`, `BankName`,  
`RoutingNumber`, `AccountNumber`, `AmountPercentage`) VALUES (7, 5, 'FINANCIAL 1 CREDIT UNION',  
123158432, 1958349023, .15);
```

```
COMMIT;
```

```
-- -----  
-- Data for table `ics311sp170105`.`Change_Log`  
-- -----
```

```
START TRANSACTION;
```

```
USE `ics311sp170105`;
```

```
INSERT INTO `ics311sp170105`.`Change_Log` (`ChangeLogID`, `EmployeeID`, `Date`, `Time`, `Table`,  
`Type`, `Description`) VALUES (1, 1, '04/02/16', '09:16:56', 'Client', 'Update', 'Changed client's misspelled  
name');
```

```
INSERT INTO `ics311sp170105`.`Change_Log` (`ChangeLogID`, `EmployeeID`, `Date`, `Time`, `Table`,  
`Type`, `Description`) VALUES (2, 1, '04/02/16', '09:18:14', 'Client_Phone', 'Insert', 'Added backup phone  
to client 1');
```

```
INSERT INTO `ics311sp170105`.`Change_Log` (`ChangeLogID`, `EmployeeID`, `Date`, `Time`, `Table`,  
`Type`, `Description`) VALUES (3, 1, '04/02/16', '09:21:57', 'Client_Email', 'Update', 'Updated address for  
client 4');
```

```
INSERT INTO `ics311sp170105`.`Change_Log` (`ChangeLogID`, `EmployeeID`, `Date`, `Time`, `Table`,  
`Type`, `Description`) VALUES (4, 5, '04/07/16', '16:01:16', 'Employee_Deposit', 'Insert', NULL);
```

```
COMMIT;
```

```
-- Data for table `ics311sp170105`.`Client`
```

```
START TRANSACTION;
```

```
USE `ics311sp170105`;
```

```
INSERT INTO `ics311sp170105`.`Client` (`ClientID`, `FirstName`, `LastName`) VALUES (1, 'Tayler', 'Williams');
```

```
INSERT INTO `ics311sp170105`.`Client` (`ClientID`, `FirstName`, `LastName`) VALUES (2, 'Anders', 'Wilson');
```

```
INSERT INTO `ics311sp170105`.`Client` (`ClientID`, `FirstName`, `LastName`) VALUES (3, 'Bron', 'Johnston');
```

```
INSERT INTO `ics311sp170105`.`Client` (`ClientID`, `FirstName`, `LastName`) VALUES (4, 'Sabrina', 'Brown');
```

```
COMMIT;
```

```
-- Data for table `ics311sp170105`.`Client_Business`
```

```
START TRANSACTION;
```

```
USE `ics311sp170105`;
```

```
INSERT INTO `ics311sp170105`.`Client_Business` (`BusinessID`, `ClientID`, `Name`) VALUES (1, 1, 'Eastington House');
```

```
INSERT INTO `ics311sp170105`.`Client_Business` (`BusinessID`, `ClientID`, `Name`) VALUES (2, 2, 'Man Made Machinery');
```

```
INSERT INTO `ics311sp170105`.`Client_Business` (`BusinessID`, `ClientID`, `Name`) VALUES (3, 3, 'Data Is Beautiful');
```

```
INSERT INTO `ics311sp170105`.`Client_Business` (`BusinessID`, `ClientID`, `Name`) VALUES (4, 1, 'Legbook');
```

```
INSERT INTO `ics311sp170105`.`Client_Business` (`BusinessID`, `ClientID`, `Name`) VALUES (5, 4, 'Arrow and Hatchet');
```

COMMIT;

```
-- Data for table `ics311sp170105`.`Client_Email`
```

START TRANSACTION;

USE `ics311sp170105`;

INSERT INTO `ics311sp170105`.`Client_Email` (`ClientEmailID`, `ClientID`, `Address`, `Type`) VALUES (1, 1, 'Tayler.Williams@Eastingtonhouse.com', 'Business');

INSERT INTO `ics311sp170105`.`Client_Email` (`ClientEmailID`, `ClientID`, `Address`, `Type`) VALUES (2, 1, 'TaylerWilliams9876@gmail.com', 'Personal');

INSERT INTO `ics311sp170105`.`Client_Email` (`ClientEmailID`, `ClientID`, `Address`, `Type`) VALUES (3, 2, 'AndersWilson@gmail.com', 'Business');

INSERT INTO `ics311sp170105`.`Client_Email` (`ClientEmailID`, `ClientID`, `Address`, `Type`) VALUES (4, 3, 'Bron.Johnson@dataisbeautiful.com', 'Business');

INSERT INTO `ics311sp170105`.`Client_Email` (`ClientEmailID`, `ClientID`, `Address`, `Type`) VALUES (5, 3, 'BronJohnson2@gmail.com', 'Personal');

INSERT INTO `ics311sp170105`.`Client_Email` (`ClientEmailID`, `ClientID`, `Address`, `Type`) VALUES (6, 4, 'coolkidforlyfe@yahoo.com', 'Business');

COMMIT;

```
-- Data for table `ics311sp170105`.`Client_Phone`
```

START TRANSACTION;

USE `ics311sp170105`;

```
INSERT INTO `ics311sp170105`.`Client_Phone` (`ClientPhoneID`, `ClientID`, `Number`, `Type`) VALUES (1, 555-514-9321, 'Business');
```

```
INSERT INTO `ics311sp170105`.`Client_Phone` (`ClientPhoneID`, `ClientID`, `Number`, `Type`) VALUES (2, 555-184-3218, 'Personal');
```

```
INSERT INTO `ics311sp170105`.`Client_Phone` (`ClientPhoneID`, `ClientID`, `Number`, `Type`) VALUES (3, 555-134-6481, 'Backup');
```

```
INSERT INTO `ics311sp170105`.`Client_Phone` (`ClientPhoneID`, `ClientID`, `Number`, `Type`) VALUES (4, 555-921-6363, 'Business');
```

```
INSERT INTO `ics311sp170105`.`Client_Phone` (`ClientPhoneID`, `ClientID`, `Number`, `Type`) VALUES (5, 555-885-5541, 'Business');
```

```
INSERT INTO `ics311sp170105`.`Client_Phone` (`ClientPhoneID`, `ClientID`, `Number`, `Type`) VALUES (6, 555-331-3259, 'Business');
```

```
INSERT INTO `ics311sp170105`.`Client_Phone` (`ClientPhoneID`, `ClientID`, `Number`, `Type`) VALUES (7, 555-889-9548, 'Backup');
```

```
COMMIT;
```

```
-- -----  
-- Data for table `ics311sp170105`.`Project`  
-- -----
```

```
START TRANSACTION;
```

```
USE `ics311sp170105`;
```

```
INSERT INTO `ics311sp170105`.`Project` (`ProjectID`, `ClientID`, `BusinessID`, `Title`, `Type`, `Start`, `End`, `Due`, `Budget`, `Commission`) VALUES (1, 1, 1, 'Eastington Housing Application', 'Desktop Application', '03/08/12', '12/12/12', '12/31/12', 1000000, 500000);
```

```
INSERT INTO `ics311sp170105`.`Project` (`ProjectID`, `ClientID`, `BusinessID`, `Title`, `Type`, `Start`, `End`, `Due`, `Budget`, `Commission`) VALUES (2, 2, 2, 'Point of Sale System', 'Desktop Application', '01/16/13', '08/30/13', '08/30/13', 2000000, 1000000);
```

```
INSERT INTO `ics311sp170105`.`Project` (`ProjectID`, `ClientID`, `BusinessID`, `Title`, `Type`, `Start`, `End`, `Due`, `Budget`, `Commission`) VALUES (3, 3, 3, 'Graphing Mobile System', 'Mobile Application', '11/13/13', '05/04/14', '06/01/14', 1000000, 500000);
```

```
INSERT INTO `ics311sp170105`.`Project` (`ProjectID`, `ClientID`, `BusinessID`, `Title`, `Type`, `Start`, `End`,  
`Due`, `Budget`, `Commission`) VALUES (4, 1, 4, 'Legbook', 'Web Site', '09/01/14', '05/12/16', '01/01/16',  
4000000, 2000000);
```

```
INSERT INTO `ics311sp170105`.`Project` (`ProjectID`, `ClientID`, `BusinessID`, `Title`, `Type`, `Start`, `End`,  
`Due`, `Budget`, `Commission`) VALUES (5, 4, 5, 'Leggy and Hatchet in the Woods', 'Mobile Game',  
'12/05/16', NULL, '05/01/16', 500000, 250000);
```

```
COMMIT;
```

```
-- Data for table `ics311sp170105`.`Payment`
```

```
START TRANSACTION;
```

```
USE `ics311sp170105`;
```

```
INSERT INTO `ics311sp170105`.`Payment` (`PaymentID`, `ProjectID`, `ClientID`, `Amount`) VALUES (1, 1,  
1, 1500000);
```

```
INSERT INTO `ics311sp170105`.`Payment` (`PaymentID`, `ProjectID`, `ClientID`, `Amount`) VALUES (2, 2,  
2, 3000000);
```

```
INSERT INTO `ics311sp170105`.`Payment` (`PaymentID`, `ProjectID`, `ClientID`, `Amount`) VALUES (3, 3,  
3, 1500000);
```

```
INSERT INTO `ics311sp170105`.`Payment` (`PaymentID`, `ProjectID`, `ClientID`, `Amount`) VALUES (4, 4,  
1, 2000000);
```

```
INSERT INTO `ics311sp170105`.`Payment` (`PaymentID`, `ProjectID`, `ClientID`, `Amount`) VALUES (5, 4,  
1, 2000000);
```

```
INSERT INTO `ics311sp170105`.`Payment` (`PaymentID`, `ProjectID`, `ClientID`, `Amount`) VALUES (6, 4,  
1, 1500000);
```

```
INSERT INTO `ics311sp170105`.`Payment` (`PaymentID`, `ProjectID`, `ClientID`, `Amount`) VALUES (7, 5,  
4, 750000);
```

```
COMMIT;
```

```
-- Data for table `ics311sp170105`.`Employee_Project`
```

```
START TRANSACTION;
```

```
USE `ics311sp170105`;
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (1, 1);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (2, 1);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (3, 1);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (4, 1);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (5, 1);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (1, 2);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (2, 2);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (3, 2);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (4, 2);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (5, 2);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (1, 3);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (2, 3);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (3, 3);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (5, 3);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (1, 4);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (2, 4);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (3, 4);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (4, 4);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (5, 4);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (1, 5);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (2, 5);
```

```
INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`) VALUES (3, 5);
```

```
COMMIT;
```



```
` ) VALUES (2, 2);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`
` ) VALUES (3, 2);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`
` ) VALUES (4, 2);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`
` ) VALUES (5, 2);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`
` ) VALUES (1, 3);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`
` ) VALUES (2, 3);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`
` ) VALUES (3, 3);
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO `ics311sp170105`.`Employee_Project` (`EmployeeID`, `ProjectID`
` ) VALUES (5, 3);
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from change_log;
```

ChangeLogID	EmployeeID	Date	Time	Table	Type	Description
1	1	2004-02-16	09:16:56	Client	Update	Changed client's misspelled name
2	1	2004-02-16	09:18:14	Client_Phone	Insert	Added backup phone to client 1
3	1	2004-02-16	09:21:57	Client_Email	Update	Updated address for client 4
4	5	2004-07-16	16:01:16	Employee_Deposit	Insert	NULL

4 rows in set (0.00 sec)

```
mysql> select * from employee;
```

EmployeeID	FirstName	MiddleInitial	LastName	Title	Salary	SSN
1	John	A	Dane	Manager	100000.0000	000-0000-01
2	Hunter	Y	McAlister	UI Designer	70000.0000	000-0000-02
3	Barbara	Q	Stevens	Software Developer	80000.0000	000-0000-03
4	Mathew	V	Smith	Software Developer	80000.0000	000-0000-04
5	Laura	G	Gene	QA Analyst	70000.0000	000-0000-05

5 rows in set (0.00 sec)

```
mysql> select * from employee_deposit;
```

EmployeeDepositID	EmployeeID	BankName	RoutingNumber	AccountNumber	AmountPercentage
1	1	TCF	987654321	2147483647	1
2	1	US BANK	123456123	2147483647	0
3	2	US BANK	123456123	2147483647	1
4	3	TCF	987654321	2147483647	1
5	4	WELLS FARGO	481348324	2147483647	1
6	5	TCF	987654321	2147483647	1
7	5	FINANCIAL 1 CREDIT UNION	123158432	1958349023	0

7 rows in set (0.00 sec)

```
mysql> select * from employee_project;
```

EmployeeID	ProjectID
1	1
2	1
3	1
4	1
5	1
1	2
2	2
3	2
4	2
5	2
1	3
2	3
3	3
5	3
1	4
2	4
3	4
4	4
5	4
1	5
2	5
3	5

22 rows in set (0.00 sec)

```
mysql> select * from project;
```

ProjectID	ClientID	BusinessID	Title	Type	Start	End	Due	Budget	Commission
1	1	1	Eastington Housing Application	Desktop Application	2003-08-12	2012-12-12	0000-00-00	1000000.0000	500000.0000
2	2	2	Point of Sale System	Desktop Application	0000-00-00	0000-00-00	0000-00-00	2000000.0000	1000000.0000
3	3	3	Graphing Mobile System	Mobile Application	0000-00-00	2005-04-14	2006-01-14	1000000.0000	500000.0000
4	1	4	Logbook	Web Site	2009-01-14	2005-12-16	2001-01-16	4000000.0000	2000000.0000
5	4	5	Leggy and Hatchet in the Woods	Mobile Game	2012-05-16	NULL	2005-01-16	500000.0000	250000.0000

```
mysql> select * from client;
```

ClientID	FirstName	LastName
1	Tayler	Williams
2	Anders	Wilson
3	Bron	Johnston
4	Sabrina	Brown

```
4 rows in set (0.00 sec)
```

```
mysql> select * from client_business;
```

BusinessID	ClientID	Name
1	1	Eastington House
2	2	Man Made Machinery
3	3	Data Is Beautiful
4	1	Legbook
5	4	Arrow and Hatchet

```
5 rows in set (0.00 sec)
```

```
mysql> select * from payment;
```

PaymentID	ProjectID	ClientID	Amount
1	1	1	1500000.0000
2	2	2	3000000.0000
3	3	3	1500000.0000
4	4	1	2000000.0000
5	4	1	2000000.0000
6	4	1	1500000.0000
7	5	4	750000.0000

```
7 rows in set (0.00 sec)
```

```
mysql> select * from client_email;
```

ClientEmailID	ClientID	Address	Type
1	1	Tayler.Williams@Eastingtonhouse.com	Business
2	1	TaylerWilliams9876@gmail.com	Personal
3	2	AndersWilson@gmail.com	Business
4	3	Bron.Johnson@dataisbeautiful.com	Business
5	3	BronJohnson2@gmail.com	Personal
6	4	coolkidforlyfe@yahoo.com	Business

```
6 rows in set (0.00 sec)
```

```
mysql> select * from client_phone;
```

ClientPhoneID	ClientID	Number	Type
1	1	-9280	Business
2	1	-2847	Personal
3	1	-6060	Backup
4	2	-6729	Business
5	3	-5871	Business
6	4	-3035	Business
7	4	-9882	Backup

```
7 rows in set (0.00 sec)
```