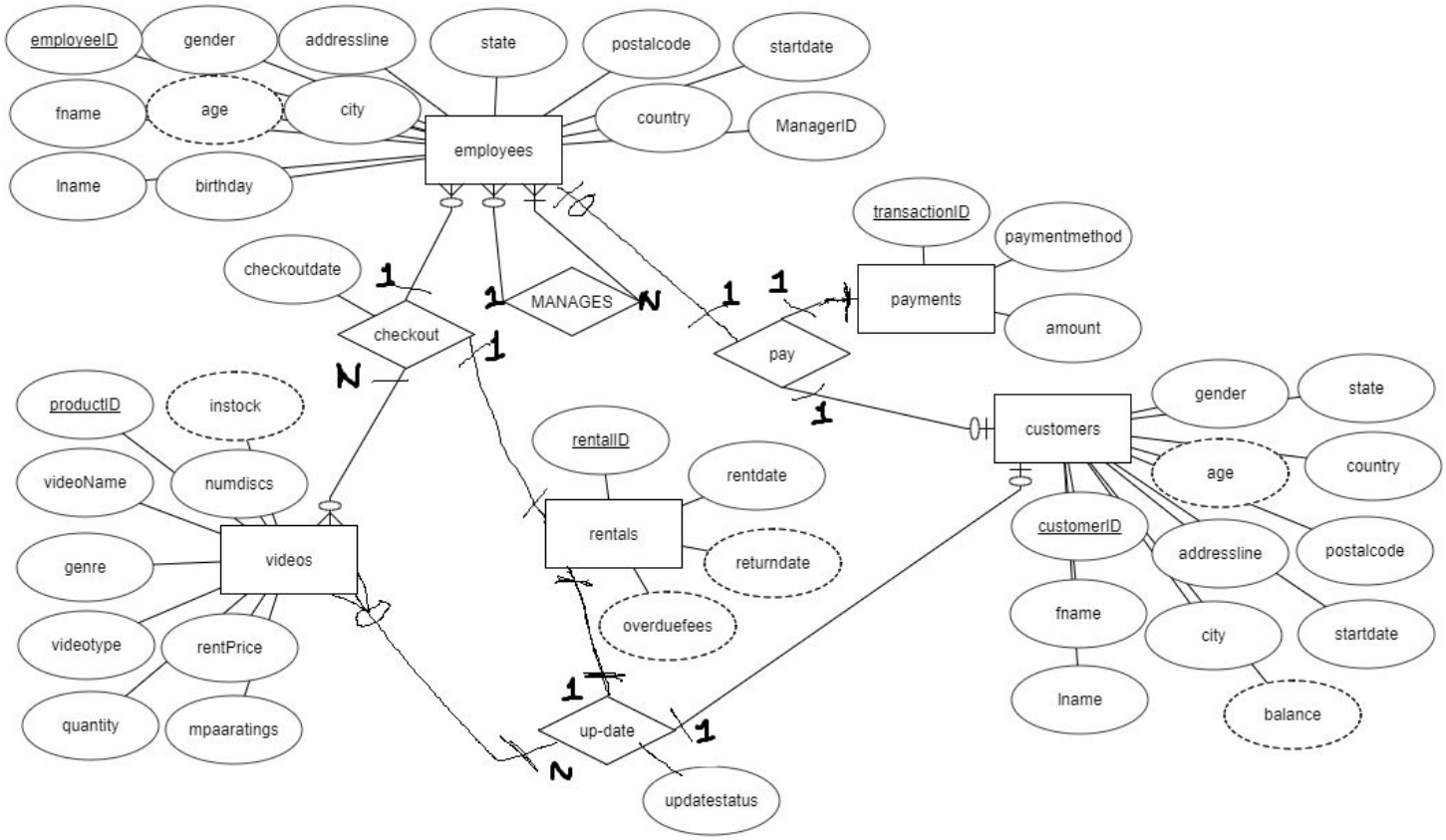
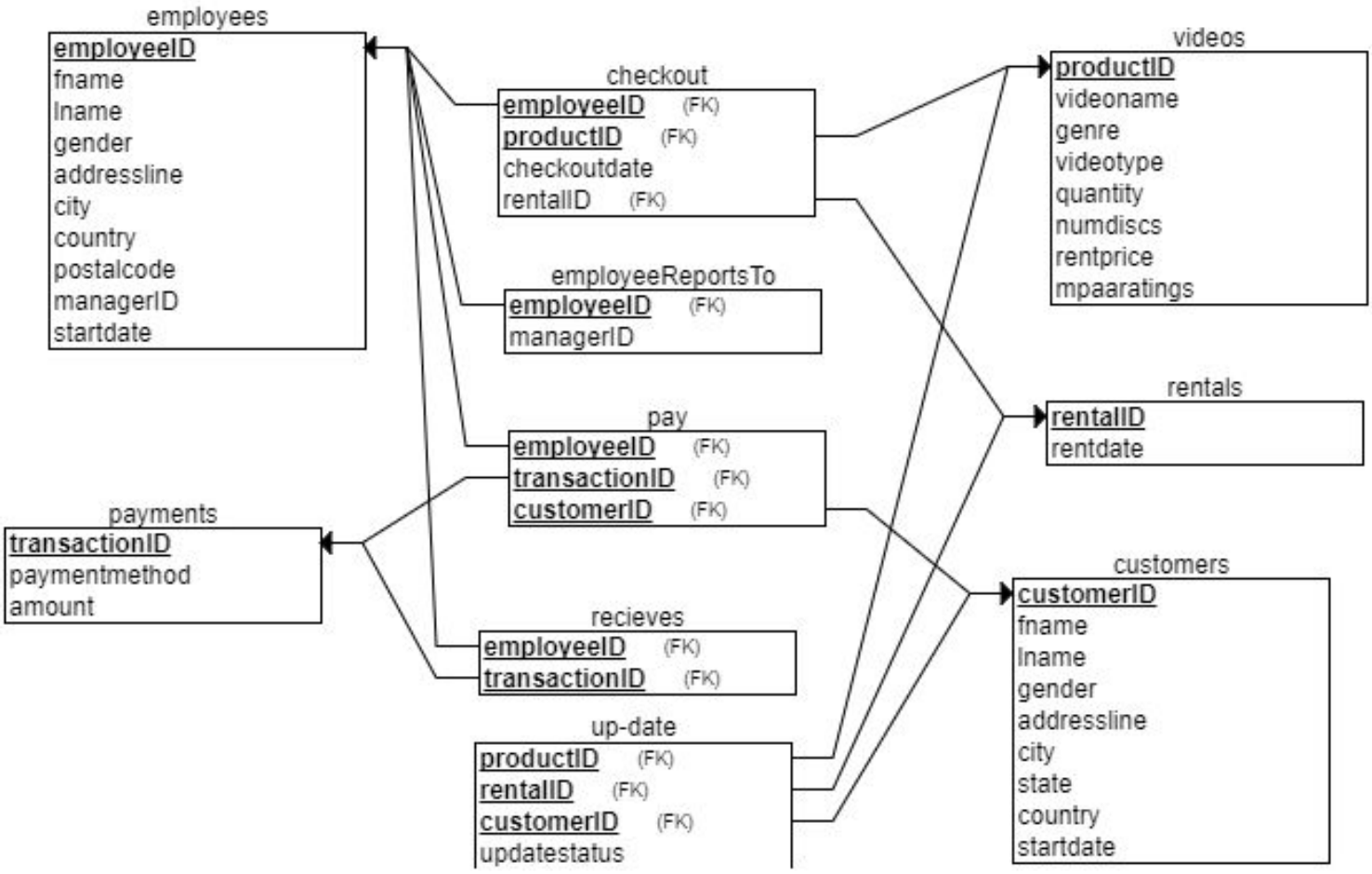
Assignment 2
Updated EER, Relational Schema, SQL file, and Front-End view of access reports
Video Rental Company

Group 1 Members:
Gonzalaz, Ryan Henry
Qureshi, Junaid
Lam, Nancy
Mahendravada, Anvesh
Vu, Nicholas T

1) Updated EER Schema:



2) Detailed of the database using RDBMS. The schema should match the EER schema and be complete with primary and foreign keys...



3) A short paragraph to explain the design decisions made to model relationships and specialization:

The goal we had while implementing our EER model was to refine and simplify the model. While making it as efficient as possible when implemented in MySQL. Our video rental database consists of 5 entities: **employees**, **customers**, **videos**, **payments**, and **rentals**. **Employees** and **customers** contain personal information and a primary key ID to identify each person. **Videos** has a special **productID** referencing every video in stock. Lastly, **Rentals** and **payments** holds a special ID for a reference to each transaction.

The updated schema now has 4 relationships. Firstly, **manages** is between employees and the managers. Each employee has an **employeeID** and a **managerID**. The managerID may be null or references another employee that is their manager.

Up-date(when a customer rents, buys, or returns a video) is a ternary relationship between rentals, customers, and videos. The relationship has foreign keys **rentalID**, **customerID**, and **productID** respectively to represent the transaction between the three entities. The same is represented by **checkout**(when an employee checks out a video; between employees, videos, and rentals) and **pay**(when a customer pays for a transaction; between employees, payments, and customers) relationships for easy cross reference.

4) All the queries used to create and visualize the database for base entities:

i. SCHEMA (included in “videorentalsdatabase.sql” and “videorentalsdatabaseexport.sql”):

```
CREATE DATABASE /*!32312 IF NOT EXISTS*/`videorentals` /*!40100 DEFAULT CHARACTER SET latin1 */;

USE `videorentals`;

DROP TABLE IF EXISTS customers;
CREATE TABLE customers
(
  customerID varchar(11) NOT NULL,
  fname varchar(50) NOT NULL,
  lname varchar(50) NOT NULL,
  gender varchar(1) NOT NULL,
  birthday date NOT NULL,
  addressline varchar(50) NOT NULL,
  city varchar(50) NOT NULL,
  state varchar(50) NOT NULL,
  country varchar(50) NOT NULL,
  postalcode varchar(50) NOT NULL,
  startdate date NOT NULL,
  PRIMARY KEY (customerID)
);
insert into customers (customerID, fname, lname, gender, birthday, addressline, city, state, country, postalcode, startdate) values
('56351269692', 'Homer', 'O''Carrol', 'M', '1974-06-29', '73 Mayer Park', 'Lubbock', 'Texas', 'United States', '79491', '2005-05-03');
insert into customers (customerID, fname, lname, gender, birthday, addressline, city, state, country, postalcode, startdate) values
('14819809670', 'Jillian', 'Broadis', 'F', '1972-09-23', '447 Commercial Avenue', 'Fort Worth', 'Texas', 'United States', '76134',
'2003-10-24');


DROP TABLE IF EXISTS employees;
CREATE TABLE employees
(
  employeeID varchar(11) NOT NULL,
  fname varchar(50) NOT NULL,
  lname varchar(50) NOT NULL,
  gender char(1) NOT NULL,
  birthday date NOT NULL,
  addressline varchar(50) NOT NULL,
  city varchar(50) NOT NULL,
  state varchar(50) NOT NULL ,
  country varchar(50) NOT NULL,
  postalcode varchar(50) NOT NULL,
  startdate date NOT NULL,
  managerID varchar(11) NULL,
  PRIMARY KEY (employeeID)
);
insert into employees (employeeID, fname, lname, gender, birthday, addressline, city, state, country, postalcode, startdate,
managerID) values (1, 'Antony', 'Bordes', 'M', '1981-03-18', '271 Wayridge Hill', 'Spokane', 'Washington', 'United States', '99252',
'2012-12-30', null);
insert into employees (employeeID, fname, lname, gender, birthday, addressline, city, state, country, postalcode, startdate,
managerID) values (2, 'Claudio', 'Pandie', 'M', '1990-10-05', '02807 Beilfuss Pass', 'Tyler', 'Texas', 'United States', '75710',
'2017-05-02', 1);
```

```
DROP TABLE IF EXISTS videos;
CREATE TABLE videos
(
  productID varchar(11) NOT NULL,
  videoname varchar(50) NOT NULL,
  genre varchar(50) NOT NULL,
  videotype varchar(50) NOT NULL,
  quantity int(3) NOT NULL,
  rentprice decimal(10, 2) NOT NULL,
  numdiscs int(3) NOT NULL,
  mpaaratings char(5) NOT NULL,
  PRIMARY KEY (productID)
);
insert into videos (productID, videoname, genre, videotype, quantity, rentprice, numdiscs, mpaaratings) values ('V0J8AB81XI6',
'Footloose', 'Drama', 'DVD', 8, 5.00, 3, 'PG-13');
insert into videos (productID, videoname, genre, videotype, quantity, rentprice, numdiscs, mpaaratings) values ('UB4JO9T7174',
'Griff the Invisible', 'Comedy|Drama|Romance', 'DVD', 17, 5.00, 3, 'G');

DROP TABLE IF EXISTS rentals;
CREATE TABLE rentals
(
  rentalID varchar(11) NOT NULL,
  rentstatus varchar(50) NOT NULL,
  rentDate date NOT NULL,
  PRIMARY KEY(rentalID)
);
insert into rentals (rentalID,rentdate) values ('B7PI4M8H','2016-05-10');
insert into rentals (rentalID,rentdate) values ('T4KFGG8J','2014-11-16');

DROP TABLE IF EXISTS up_date;
CREATE TABLE up_date
(
  rentalID varchar(8) NOT NULL,
  customerID varchar(11) NOT NULL,
  productID varchar(11) NOT NULL,
  updatestatus varchar(11) DEFAULT 'CHECKED OUT',
  KEY rentalID(rentalID),
  KEY customerID(customerID),
  KEY productID (productID ),
  FOREIGN KEY (customerID) REFERENCES customers(customerID),
  FOREIGN KEY (rentalID) REFERENCES rentals(rentalID),
FOREIGN KEY (productID ) REFERENCES videos(productID )
);
insert into up_date(rentalID, customerID ,productID ) values ('B7PI4M8H', '87950811774', 'ZZMUVPJWMN7');
insert into up_date(rentalID, customerID,productID ) values ('T4KFGG8J', '7583529237', 'Z79Z07ZTWBI');
```

```
DROP TABLE IF EXISTS payments;
CREATE TABLE payments
(
  transactionID varchar(11) NOT NULL,
  paymentdate date NOT NULL,
  paymentMethod varchar(50) NULL,
  amount decimal(10, 2) NOT NULL,
  PRIMARY KEY (transactionID)
);
insert into payments (transactionID, paymentdate, paymentMethod, amount) values ( 'UGVQT011613', '2016-05-10', 'CHECK',
5.00);
insert into payments (transactionID, paymentdate, paymentMethod, amount) values ( 'OOKJE966259', '2014-11-16', 'CASH', 5.00);

DROP TABLE IF EXISTS checkout;
CREATE TABLE checkout
(
  productID varchar(11)  NULL,
  employeeID varchar(11)  NULL,
  checkOutDate date NOT NULL,
  KEY productID(productID),
  KEY employeeID(employeeID),
  FOREIGN KEY (productID) REFERENCES videos(productID),
  FOREIGN KEY (employeeID) REFERENCES employees(employeeID)
);
insert into checkout (rentalID, productID, employeeID, checkOutDate) values ('B7PI4M8H', 'ZZMUVPJWMN7', 1, '2016-05-10');
insert into checkout (rentalID, productID, employeeID, checkOutDate) values ('T4KFGG8J','Z79Z07ZTWBI', 4,'2014-11-16');


DROP TABLE IF EXISTS `pay`;
CREATE TABLE pay
(
  transactionID varchar(11) NOT NULL,
  customerID varchar(11)  NULL,
  KEY transactionID(transactionID),
  KEY customerID(customerID),
  FOREIGN KEY (transactionID) REFERENCES payments(transactionID),
  FOREIGN KEY (customerID) REFERENCES customers(customerID)
);
insert into pay (transactionID, customerID) values…insert into pay (transactionID, customerID, employeeID) values (
'UGVQT011613', '87950811774', 1);
insert into pay (transactionID, customerID, employeeID) values ( 'OOKJE966259', '758352923', 4);
```

li. REPORTS/VIEWS (included in “videorentalsdatabaseexport.sql” dumps):

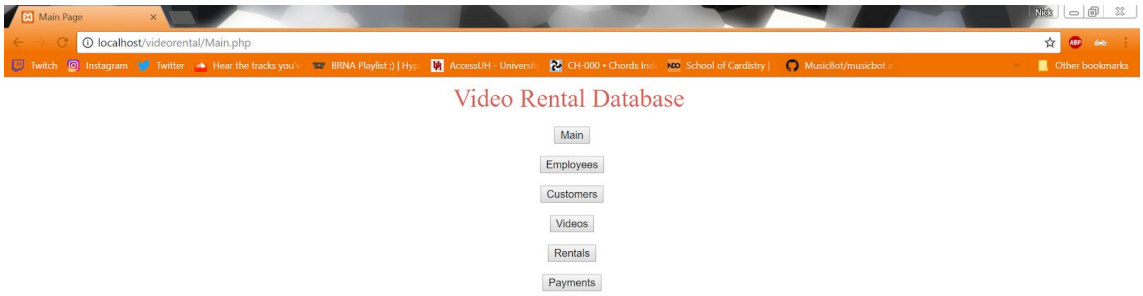
```
CREATE VIEW `videos_list` AS SELECT * FROM videorentals.videos_list;
CREATE
   ALGORITHM = UNDEFINED
   DEFINER = `root`@`localhost`
   SQL SECURITY DEFINER
VIEW `videorentals`.`videos_list` AS
   SELECT
      `videorentals`.`videos`.`productID` AS `productID`,
      `videorentals`.`videos`.`videoname` AS `videoname`,
      `videorentals`.`videos`.`genre` AS `genre`,
      `videorentals`.`videos`.`videotype` AS `videotype`,
      `videorentals`.`videos`.`quantity` AS `quantity`,
      `videorentals`.`videos`.`rentprice` AS `rentprice`,
      `videorentals`.`videos`.`numdiscs` AS `numdiscs`,
      `videorentals`.`videos`.`mpaaratings` AS `mpaaratings`
   FROM
      `videorentals`.`videos`


CREATE VIEW `employees_list` AS SELECT * FROM videorentals.employees_list;
CREATE
   ALGORITHM = UNDEFINED
   DEFINER = `root`@`localhost`
   SQL SECURITY DEFINER
VIEW `videorentals`.`employees_list` AS
   SELECT
      `videorentals`.`employees`.`employeeID` AS `employeeID`,
      `videorentals`.`employees`.`fname` AS `fname`,
      `videorentals`.`employees`.`lname` AS `lname`,
      `videorentals`.`employees`.`gender` AS `gender`,
      `videorentals`.`employees`.`birthday` AS `birthday`,
      `videorentals`.`employees`.`addressline` AS `addressline`,
      `videorentals`.`employees`.`city` AS `city`,
      `videorentals`.`employees`.`state` AS `state`,
      `videorentals`.`employees`.`country` AS `country`,
      `videorentals`.`employees`.`postalcode` AS `postalcode`,
      `videorentals`.`employees`.`startdate` AS `startdate`,
      `videorentals`.`employees`.`managerID` AS `managerID`
   FROM
      `videorentals`.`employees`
```

```
CREATE VIEW `customers_list` AS SELECT * FROM videorentals.customers_list;
CREATE
    ALGORITHM = UNDEFINED
    DEFINER = `root`@`localhost`
    SQL SECURITY DEFINER
VIEW `videorentals`.`customers_list` AS
    SELECT
        `videorentals`.`customers`.`customerID` AS `customerID`,
        `videorentals`.`customers`.`fname` AS `fname`,
        `videorentals`.`customers`.`lname` AS `lname`,
        `videorentals`.`customers`.`gender` AS `gender`,
        `videorentals`.`customers`.`birthday` AS `birthday`,
        `videorentals`.`customers`.`addressline` AS `addressline`,
        `videorentals`.`customers`.`city` AS `city`,
        `videorentals`.`customers`.`state` AS `state`,
        `videorentals`.`customers`.`country` AS `country`,
        `videorentals`.`customers`.`postalcode` AS `postalcode`,
        `videorentals`.`customers`.`startdate` AS `startdate`
    FROM
        `videorentals`.`customers`


CREATE VIEW `payments_list` AS SELECT * FROM videorentals.payments_list;
CREATE
    ALGORITHM = UNDEFINED
    DEFINER = `root`@`localhost`
    SQL SECURITY DEFINER
VIEW `videorentals`.`payments_list` AS
    SELECT
        `videorentals`.`payments`.`transactionID` AS `transactionID`,
        `videorentals`.`payments`.`paymentdate` AS `paymentdate`,
        `videorentals`.`payments`.`paymentMethod` AS `paymentMethod`,
        `videorentals`.`payments`.`amount` AS `amount`
    FROM
        `videorentals`.`payments`


CREATE VIEW `rentals_list` AS SELECT * FROM videorentals.rentals_list;
CREATE
    ALGORITHM = UNDEFINED
    DEFINER = `root`@`localhost`
    SQL SECURITY DEFINER
VIEW `videorentals`.`rentals_list` AS
    SELECT
        `videorentals`.`rentals`.`rentalID` AS `rentalID`,
        `videorentals`.`rentals`.`rentDate` AS `rentDate`
    FROM
        `videorentals`.`rentals`
```

```
CREATE VIEW `employees_reports_to` AS SELECT * FROM videorentals.employees_reports_to;
CREATE
    ALGORITHM = UNDEFINED
    DEFINER = `root`@`localhost`
    SQL SECURITY DEFINER
VIEW `videorentals`.`employees_reports_to` AS
    SELECT
        `e`.`employeeID` AS `Emp_ID`,
        `e`.`fname` AS `Emp_fname`,
        `e`.`lname` AS `Emp_lname`,
        `e`.`startdate` AS `Emp_startDate`,
        `e`.`managerID` AS `Man_ID`,
        `m`.`fname` AS `Man_fname`,
        `m`.`lname` AS `Man_lname`
    FROM
        (`videorentals`.`employees` `e`
        LEFT JOIN `videorentals`.`employees` `m` ON ((`m`.`employeeID` = `e`.`managerID`)))
    HAVING `e`.`managerID`
    ORDER BY `e`.`managerID`

CREATE VIEW `videos_in_stock` AS  SELECT * FROM videorentals.videos_in_stock;
CREATE
    ALGORITHM = UNDEFINED
    DEFINER = `root`@`localhost`
    SQL SECURITY DEFINER
VIEW `videorentals`.`videos_in_stock` AS
    SELECT
        `v`.`productID` AS `productID`,
        `v`.`videoname` AS `videoName`,
        `v`.`genre` AS `genre`,
        `v`.`videotype` AS `videoType`,
        `v`.`quantity` AS `quantity`,
        `v`.`rentprice` AS `rentprice`,
        `v`.`numdiscs` AS `numDiscs`,
        `v`.`mpaaratings` AS `mpaaratings`,
        (`v`.`quantity` - COUNT((`u`.`updatestatus` = 'CHECKED OUT'))) AS `instock`
    FROM
        (`videorentals`.`videos` `v`
        LEFT JOIN `videorentals`.`up_date` `u` ON ((`v`.`productID` = `u`.`productID`)))
    GROUP BY `v`.`productID`
```

5) Front-End view for access reports for base entities:

i) Main page:



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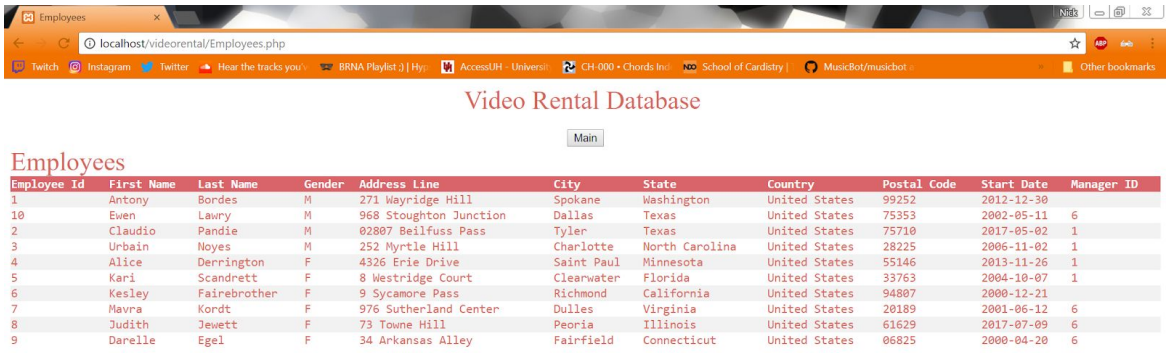
ii) Employees:



Employee Id	First Name	Last Name	Gender	Address Line	City	State	Country	Postal Code	Start Date	Manager ID
1	Antony	Bordes	M	271 Wayridge Hill	Spokane	Washington	United States	99252	2012-12-30	
10	Ewen	Lawry	M	968 Stoughton Junction	Dallas	Texas	United States	75353	2002-05-11	6
2	Claudio	Pandie	M	02807 Beilfuss Pass	Tyler	Texas	United States	75710	2017-05-02	1
3	Urbain	Noyes	M	252 Myrtle Hill	Charlotte	North Carolina	United States	28225	2006-11-02	1
4	Alice	Derrington	F	4326 Erie Drive	Saint Paul	Minnesota	United States	55146	2013-11-26	1
5	Kari	Scandrett	F	8 Westridge Court	Clearwater	Florida	United States	33763	2004-10-07	1
6	Kesley	Fairebrother	F	9 Sycamore Pass	Richmond	California	United States	94807	2000-12-21	
7	Mavra	Kordt	F	976 Sutherland Center	Dulles	Virginia	United States	20189	2001-06-12	6
8	Judith	Jewett	F	73 Towne Hill	Peoria	Illinois	United States	61629	2017-07-09	6
9	Darelle	Egel	F	34 Arkansas Alley	Fairfield	Connecticut	United States	06825	2000-04-20	6

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iii) Customers:

Video Rental Database

Main

Customers

Customer ID	First Name	Last Name	Gender	Birthday	Address	City	State	Country	Postal Code	Start Date
02236154016	Joaquin	Speares	M	1983-05-07	65663 Thierer Circle	Fresno	California	United States	93786	2014-12-15
04175065039	Maurits	Gwillyam	M	1986-11-13	8920 Mockingbird Crossing	Fort Myers	Florida	United States	33994	2013-12-23
06045772220	Bebe	Larsen	F	1998-04-28	1918 Jenna Way	Memphis	Tennessee	United States	38131	2000-12-12
07583529237	Currie	Beacock	M	1993-03-23	4 Bartillon Parkway	Dayton	Ohio	United States	45440	2003-10-02
09025435427	Crosby	Orrom	M	1993-12-02	3355 Prairieview Terrace	Washington	District of Columbia	United States	20220	2011-06-20
10055079021	Donni	Ziemke	F	1994-03-05	5017 Mesta Trail	San Bernardino	California	United States	92410	2006-08-14
12882106938	Maxwell	Yele	M	1972-08-19	9 Manitowish Hill	Boulder	Colorado	United States	80328	2001-10-05
14819809670	Jillian	Broadis	F	1972-09-23	447 Commercial Avenue	Fort Worth	Texas	United States	76134	2003-10-24
16329504420	Corena	Bray	F	1983-10-11	720 Myrtle Circle	Pasadena	California	United States	91199	2007-08-22
22217386106	Estelle	Ferris	F	1994-03-27	90 Duke Park	Bradenton	Florida	United States	34282	2005-05-27
45642332196	Patrice	Derdes	F	2000-04-16	8 Sunbrook Terrace	San Diego	California	United States	92186	2003-02-13
45738177278	Tiena	Cuttle	F	1996-01-27	1 Fallview Drive	Lexington	Kentucky	United States	40581	2001-08-24
49733715573	Adelaide	Stidworthy	F	1988-10-21	7889 Jenna Hill	Philadelphia	Pennsylvania	United States	19093	2000-07-10
54902750774	Sylas	Quodling	M	1976-08-26	8 Comanche Crossing	Charlotte	North Carolina	United States	28225	2004-03-22
55224849368	Ashleigh	Stonehewer	F	1985-05-20	08983 Starling Crossing	Newport News	Virginia	United States	23612	2014-02-24
56162660323	Marita	Castellanos	F	1999-11-26	17 Nancy Road	Los Angeles	California	United States	90005	2001-05-04
56351269692	Homer	O'Carrol	M	1974-06-29	73 Mayer Park	Lubbock	Texas	United States	79491	2005-05-03
57203233779	Dorice	Radbond	F	1981-06-21	2225 Warner Junction	Pasadena	California	United States	91109	2006-05-27
57972093374	Dody	Reston	F	1974-05-18	09 Sullivan Alley	Boise	Idaho	United States	83732	2011-06-27
59652506532	Engracia	Surtees	F	1991-08-14	901 Myrtle Place	Metairie	Louisiana	United States	70033	2002-10-17
67323692223	Zeke	Olexa	M	1972-01-19	19 Cambridge Terrace	Fort Worth	Texas	United States	76129	2004-01-15
74820442163	Tonye	Goutcher	F	1990-08-01	387 Pennsylvania Court	Shawnee Mission	Kansas	United States	66215	2006-05-10
79174093967	Rebeka	Topping	F	1977-11-23	480 Towne Avenue	Boca Raton	Florida	United States	33487	2007-02-09
80706279136	Ruy	Kloser	M	1998-07-06	42 Dexter Terrace	Richmond	Virginia	United States	23285	2015-09-07
81070824722	Phaedra	Michele	F	1992-04-29	2 Southridge Pass	Richmond	Virginia	United States	23228	2005-11-18
83604226633	Phaedra	MacTeague	F	1984-12-12	4 Coolidge Alley	Fresno	California	United States	93704	2015-10-02
85855706471	Freemon	Clopton	M	1994-12-25	83 Debra Trail	Clearwater	Florida	United States	33763	2012-12-18
87950811774	Dill	Alvares	M	1976-02-05	65522 Corscot Drive	Spring	Texas	United States	77386	2003-01-12
93325025573	Stefano	Gorrick	M	1981-03-04	486 Basil Plaza	Peoria	Illinois	United States	61656	2003-03-30
96471179033	Ferdinande	Grigori	F	1976-07-12	732 Gulseth Parkway	Saint Louis	Missouri	United States	63136	2004-02-29

iv) Videos:

Video Rental Database

Main

Videos

Product ID	Video Name	Genre	Video Type	Quantity	Rent Price	# of Discs	MPAA Rating
0HKZW756DSZ	Bewitched	Comedy|Fantasy|Romance	BLU-RAY	13	7.50	4	PG
0S9JJ97SB0O	Trio, The (Trio, Das)	Drama|Romance	DVD	11	5.00	4	G
14UHK0J6FSD	Mulberry Street	Action|Horror|Thriller	BLU-RAY	13	7.50	1	NC-17
2QSPWEIZNTN	Snake Pit, The	Drama	BLU-RAY	20	7.50	2	PG-13
585VW8EUER4	Descendant of the Sun (Ri jie)	Action|Adventure|Fantasy|Sci-Fi	DVD	5	5.00	3	R
6CTVRRVAA2H	Dog, The	Documentary	DVD	19	5.00	1	G
6QTE0AD8COY	Rock & Rule	Animation|Fantasy|Musical|Sci-Fi	DVD	8	5.00	2	G
81ZB84RRX54	Way South, The (De weg naar het zuiden)	Documentary	DVD	5	5.00	4	R
DHY8V2IKU7B	High Spirits	Comedy	DVD	19	5.00	4	G
DHZM9ZQOPYT	Big Time Operators (Smallest Show on Earth, The)	Comedy	BLU-RAY	5	7.50	4	R
E7OSNURDK93	Once in the Life	Crime|Drama	DVD	15	5.00	4	R
IMGN1GDZYV2	Fugly!	Comedy	DVD	17	5.00	1	R
K7S7XM2MO2O	Black or White	Drama	DVD	8	5.00	1	PG-13
LSXK2NZEU25	Man of Tai Chi	Action|IMAX	BLU-RAY	13	7.50	1	PG-13
NIXXT6E8J9I	Challenge, The	Action	BLU-RAY	9	7.50	4	PG
NJ97WTCCFNX	Kon-Tiki	Adventure|Documentary	BLU-RAY	16	7.50	1	PG-13
NNCDU6GJFGO	War, Inc.	Comedy|Crime|Thriller	BLU-RAY	19	7.50	1	R
OYP9NASAQP9	Perfect Plan, A (Plan parfait, Un)	Adventure|Comedy|Romance	DVD	5	5.00	3	G
PEZK562POA4	Caine Mutiny, The	Drama|War	DVD	18	5.00	3	R
QALVWUP13IG	Around the World in 80 Days	Adventure|Comedy	BLU-RAY	20	7.50	4	G
THNWOCD2VKG	Strayed (�gar�s, Les)	Drama|Romance	DVD	19	5.00	4	PG
TPWZOBETNVN	Turtle Diary	Comedy|Drama|Romance	DVD	19	5.00	4	G
TYG16QFPTDL	Anniversary Party, The	Drama	BLU-RAY	5	7.50	2	PG
UB4JO9T7174	Griff the Invisible	Comedy|Drama|Romance	DVD	17	5.00	3	G
V0J8AB81XI6	Footloose	Drama	DVD	8	5.00	3	PG-13
WT5YOHHGS2Y	Roommates	Comedy|Drama	BLU-RAY	20	7.50	2	R
X637L7JIV4C	Crazy Mama	Action|Comedy	DVD	11	5.00	2	PG
XW93VI6EQLF	Point Men, The	Action|Drama	DVD	11	5.00	1	R
Z79Z07ZTWBI	Shanghai Calling	Comedy|Drama|Romance	DVD	11	5.00	1	PG
ZZMUVPJWMN7	Mustalaishurmaaja	Drama|Romance	DVD	13	5.00	1	PG-13

v. Rentals:

Video Rental Database

Main

Rentals

Rental ID	Rent Date
01TNB37D	2015-10-05
4NUNUGNM	2017-07-21
4T2SLLVW	2015-10-07
7MCNJPLG	2013-09-21
7SKIGMLY	2016-05-10
B7PI4M8H	2016-05-10
DJ0AWYM8	2014-01-07
DXJEIY1K	2017-10-01
EK8JTG5U	2013-07-15
FVI7KIXR	2015-09-15
FZMGG1OA	2016-07-10
G68FGX8P	2016-12-13
IBWBXWCU	2014-06-16
K8XMKKEH	2013-08-29
MS933JA4	2015-05-15
NYXN7GFD	2014-08-28
O82SZ7X1	2017-06-12
OE4LO1AL	2017-08-31
PFV76H5W	2017-07-22
Q33W5J75	2013-03-03
QA8T6ENX	2016-05-26
R6NID96K	2013-06-03
RTMNCL26	2017-09-05
T4KFGG8J	2014-11-16
TS891IIW	2013-09-03
UREKVVKN	2012-11-28
VF2P34TL	2014-05-16
W4H687WB	2015-05-26
WT4ZK1D9	2013-07-21
X4EXXL3L	2016-07-07

Vi. Payments:

Video Rental Database

Main

Payments

Transaction ID	Payment Date	Payment Method	Amount
ABFJD180094	2013-06-03	CASH	5.00
APMSJ870469	2016-07-10	CASH	5.00
BRPLW363203	2016-07-07	DEBIT	5.00
BUBMU544110	2012-11-28	CHECK	5.00
BUGJO688937	2013-08-29	CREDIT	5.00
DTBCI673591	2016-05-26	DEBIT	5.00
DUJOA648579	2013-03-03	DEBIT	5.00
ENBTB790841	2014-05-16	CASH	5.00
ESTVW145828	2017-09-05	DEBIT	5.00
FIFQT682306	2017-07-21	CHECK	5.00
FRCRQ246133	2017-08-31	CHECK	5.00
FVPIO594849	2013-09-21	CASH	5.00
HWNRN183716	2017-07-22	CREDIT	5.00
HXYTE247898	2014-08-28	CREDIT	5.00
ILSEN551086	2015-10-07	DEBIT	5.00
KEEXV498419	2017-10-01	CREDIT	5.00
LULRN265772	2013-07-21	DEBIT	5.00
NSJNC783400	2015-05-15	CASH	5.00
OOKJE966259	2014-11-16	CASH	5.00
PNCGE804872	2015-09-15	CASH	5.00
RAYUW737663	2013-09-03	DEBIT	5.00
RHLPV883246	2016-12-13	CHECK	5.00
UGVQT011613	2016-05-10	CHECK	5.00
USJHA194568	2016-05-10	CREDIT	5.00
VFWYT084453	2013-07-15	CASH	5.00
VPGPK473116	2015-10-05	CREDIT	5.00
WPNRF629096	2015-05-26	DEBIT	5.00
YUWJW694399	2014-06-16	DEBIT	5.00
ZRFIG562143	2017-06-12	CREDIT	5.00
ZTMSI549924	2014-01-07	DEBIT	5.00