**Customer Table**

Customer\_id int

Customer\_name varchar(255)

Customer\_address varchar(255)

Customer\_city varchar(50)

Customer\_state varchar(25)

Customer\_postal int (10)

Customer\_number varchar(20)

**Video Table**

Video\_id int

Video\_name varchar (255)

Video\_genre varchar (50)

Video\_release\_date (DATE)

Video\_director varchar (255)

Video\_rented boolean

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| video\_id | video\_rented | video\_name | video\_genre | video\_release\_date | video\_director |
| 1 | rented | the Matrix | Action | 3/31/1999 | Wachowski siblings |
| 2 | rented | the Dark Knight | Thriller | 7/18/2008 | Christopher Nolan |
| 3 | available | Man of Steel | Action | 6/14/2013 | Zack Snyder |
| 4 | rented | the Lego Movie | Comedy | 2/7/2014 | Dan Lin, Roy Lee |
| 5 | available | John Wick | Action | 10/24/2014 | Chad Stahelski, David Leitch |
| 6 | rented | Superbad | Comedy | 8/17/2007 | Greg Mottola |
| 7 | rented | HeavyWeights | Comedy | 2/17/1995 | Steven Brill |
| 8 | available | August Rush | Romance | 11/21/2007 | Kirsten Sheridan |
| 9 | available | Begin Again | Romance | 6/27/2013 | John Carney |
| 10 | available | the Mighty Ducks | Comedy | 10/2/1992 | Steohen Herek |
| 11 | rented | Elf | Comedy | 11/7/2003 | Jon Favreau |
| 12 | available | Hellboy | Action | 4/2/2004 | Guillermo del Toro |
| 13 | rented | Interstellar | Drama | 10/26/2014 | Christopher Nolan |
| 14 | available | Yesteday Was Everything | Documentary | 6/30/2016 | Matthew Mixon |
| 15 | rented | Inception | Thriller | 7/13/2010 | Christopher Nolan |
| 16 | available | Silence of the Lambs | Drama | 2/13/1991 | Jonathan Demme |
| 17 | available | Toy Story | Adventure | 11/22/1995 | John Lasseter |
| 19 | rented | the Lord of the Rings: the Fellowship of the Ring | Adventure | 12/19/2001 | Peter Jackson |
| 20 | rented | Back to the Future | Drama | 7/3/1985 | Robert Zemeckis |

**CheckOut Table (Rental table)**

Rental\_id int (Primary key)

Video\_id int

Customer\_id int

Check\_out\_date (DATE)

due\_date (DATE)

return\_date (DATE)

fee\_charge int (2)

I’ll use KEY video\_id (video\_id), FOREIGN KEY (customer\_id) REFERENCES customer\_table (customer\_id) on the table to link it.

**Users Table**

Admin – root user access

Manager & Accountant – ALTER, DELETE, INSERT, SELECT, UPDATE

Clerk – INSERT, SELECT, UPDATE­

