Video rental system

A video store “channel nayak” offers video rental facilities to customers. A customer can rent the videos on cds or dvds or blu-rays. A software is needed to fetch information about that video from database. Database contains the list of videos. Whenever a customer wants to rent a video, he can fetch various information about that video such as rating, daily rent, video\_id etc. a new customer should first become the member of the video store for that he provide personal information about himself such as name, address, age, phone number etc. customer can provide the mode of payment for the videos such as credit card number, bank name etc.

When a customer rents the movie for first time a card will be provided to him. He has to bring that card during next time when he wants to rent anther movie.

Entity:

1. Customer
2. Video desc
3. Mode of payment

Attribute:

1. Customer: c.id, c.name, c.address, date of joining.
2. Video desc: v.id, v.name, date of release, rating.
3. Payment mode: c.id, mode of payment.

Rents

Customer

1 n

Video

n

Belongs to

Video type

1

1. Customer:

|  |  |  |  |
| --- | --- | --- | --- |
| c.id | c.name | contact | address |

1. Video:

|  |  |  |  |
| --- | --- | --- | --- |
| v.id | v.name | rating | t.id |

1. Video type:

|  |  |  |
| --- | --- | --- |
| t.id | type | Charge per day |

1. Rent:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| c.id | v.id | Issue date | Return date | Rented money |

1. Customer:

|  |  |  |  |
| --- | --- | --- | --- |
| c.id | c.name | contact | address |
| 1 | karthik | 234234 | bangalore |
| 2 | girish | 155115 | belgaum |
| 3 | anish | 125543 | bihar |
| 4 | kumar | 787878 | MP |

1. Video:

|  |  |  |  |
| --- | --- | --- | --- |
| v.id | v.name | rating | t.id |
| 12 | titanic | 10 | 123 |
| 13 | catch me if u can | 10 | 124 |
| 14 | inceptin | 10 | 125 |

1. Video type:

|  |  |  |
| --- | --- | --- |
| t.id | type | charges\_per\_day |
| 123 | blu-ray | 100 |
| 124 | dvd | 75 |
| 125 | vcd | 50 |

1. Rental:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| c.id | v.id | Issue date | Return date | Rented money |
| 1 | 12 | 10/10/2014 | 12/10/2014 | 200 |
| 2 | 13 | 11/11/2014 | 13/11/14 | 150 |
| 3 | 14 | 12/12/2014 | 14/12/14 | 100 |
| 4 | 12 | 13/12/14 | 15/12/14 | 200 |