

# 2013

## MOVIE RENTAL LIBRARY (DATABASE PROJECT)



By-

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# ACKNOWLEDGEMENT

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We are thankful to her for her words of encouragement, invaluable suggestions and constructive criticism, which benefited us tremendously while working on the project.

Without her time, effort and expertise this project would have been inconceivable.

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# PROBLEM STATEMENT

The main function of movie rental library is acquiring of new movie DVDs and Blu-ray's, sorting them according to genres for searching purposes, registering members, renting out movie DVD and Blu-ray's, accepting returned ones and collecting penalties for delay in returning them.

The movie library has data maintained of its various branches consisting of branch address made up of street, city, zip code and telephone number. Each branch is allocated staff including a Manager who is responsible for day-to-day running of the branch. The data maintained about staff is employee number, name, designation and salary

Each branch has a stock of videos. Each video is given a catalogue number, video number, title, category, summary, daily rental, cost, status, rating and the names of the main actors and the director. The catalogue number uniquely identifies each video. However, in most cases, there are several copies of each video at a branch, and the individual copies are identified using the video number. Each video is given a genre such as Action, Adventure, Drama, Horror, Romance etc. The status indicates whether a specific copy of a video is available for rent.

Before renting a video each customer must register with a local branch and pay membership fees and a security deposit as well as particulars such as the first and last name, address. After this the member is given a member id which is unique throughout the company, a membership card and he can rent videos from any branch. Each member is entitled to rent up to 10 different titles at a time.

A separate record of all videos rented is maintained containing a unique rental number, full name and id of the member, the video number, title, and daily rental, and the dates the video is rented out.

Any member can login to the system and check for the availability of the movie at various stores. When a movie is rented out the status is set to rented and count of movies rented by user is incremented. When he returns the video the rent is calculated and the video is marked as returned.

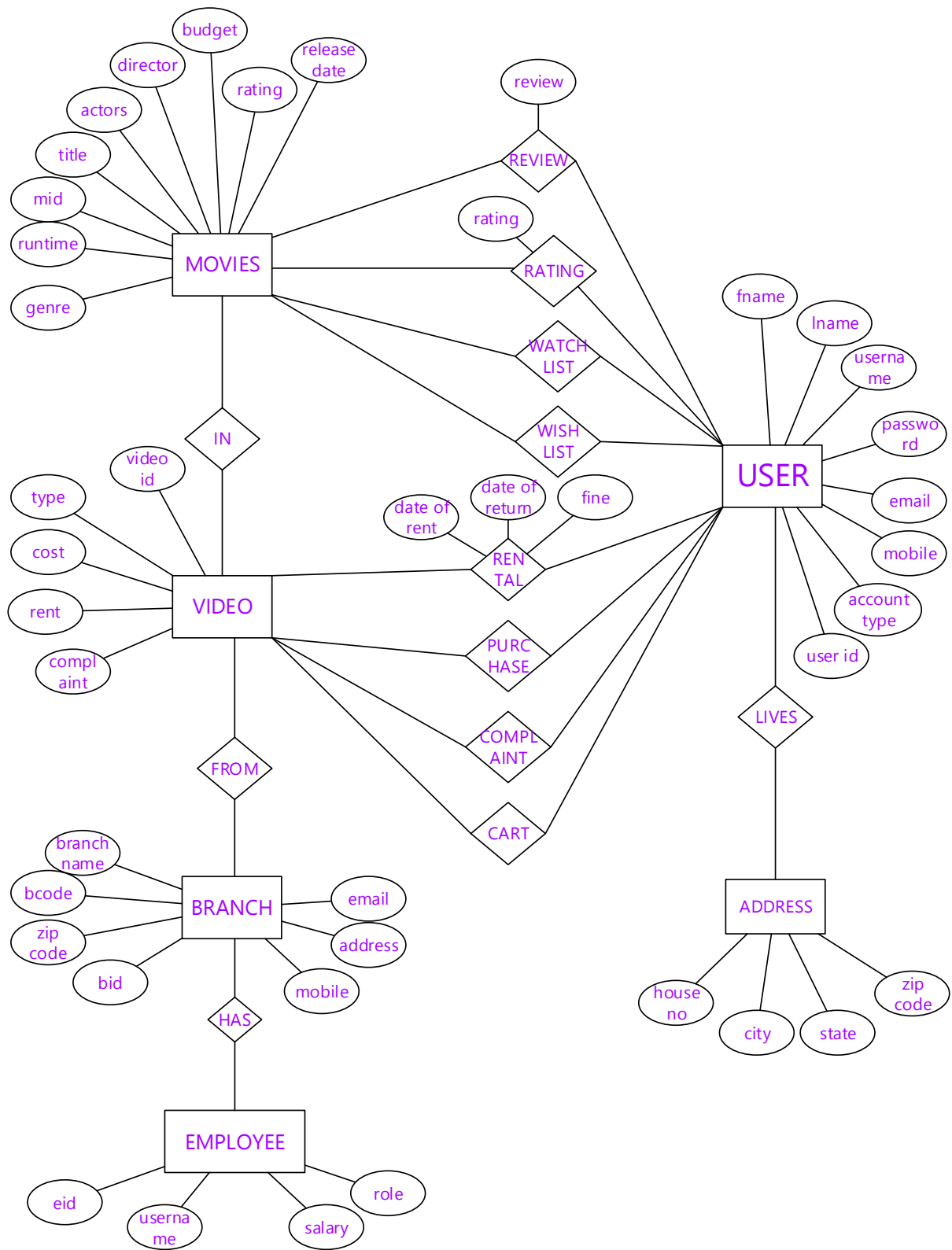
Provision is made for users to make complaints about the quality of the disk. After 5 successive complaints about a disk, it is condemned. A disk is also condemned after it has been rented out for 10 times.

The user can rate the movie and also write public reviews. Users can also make a wish list of the movies they want to watch and a watch list of movies they have watched.

The maximum days a member can keep the video is set to 20 days and if the member fails to return the video in 20 days the membership is cancelled and security deposit forfeited. However, if a customer loses or breaks a disk a fine equal to the value of disc is charged. Also frequent customers are given discounts based on number of movies rented.

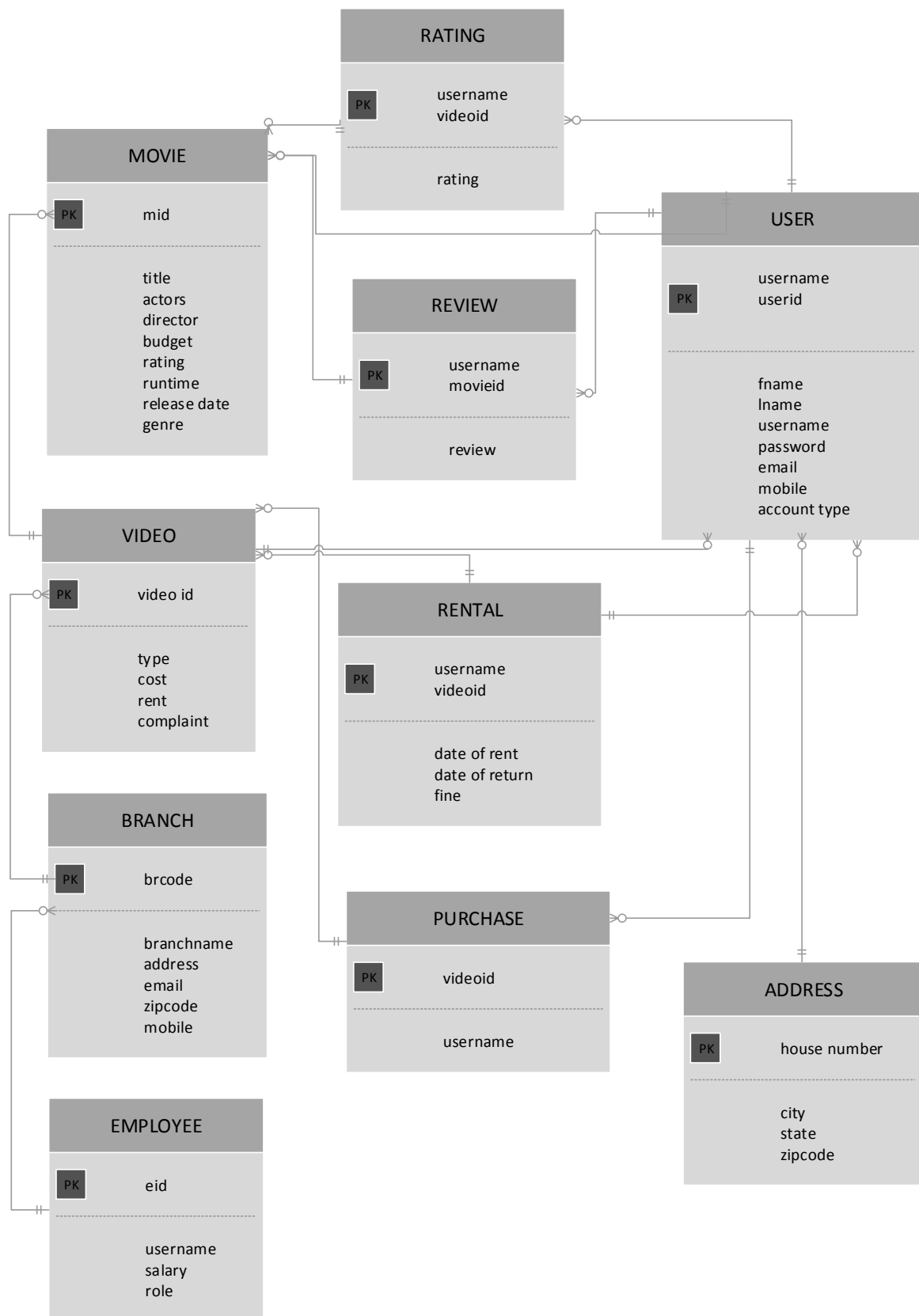
There is also a provision for staff members to issue movies and return them. In case of delay in returning by staff, no fine is charged.

# ENTITY RELATIONSHIP MODEL



# RELATIONAL MODEL





# SQL QUERIES

```
--
-- Database: `movierental`
--
DROP DATABASE `movierental`;
CREATE DATABASE `movierental`;
USE `movierental`;

-----
```

```
--
-- Table structure for table `address`
--
```

```
DROP TABLE IF EXISTS `address`;
CREATE TABLE IF NOT EXISTS `address` (
  `username` varchar(50) NOT NULL,
  `address` varchar(50) NOT NULL,
  `city` varchar(50) NOT NULL,
  `state` varchar(50) NOT NULL,
  `zipcode` int(6) NOT NULL,
  KEY `username` (`username`),
  KEY `username_2` (`username`)
);
```

username	address	city	state	zipcode
mohit	E-23	Delhi	India	110017
astha	E-23	Geetanjali Enclave	Idia	100100
abc	11	Delhi	India	110019
qwerty	Qwerty	Delhi	inidn	110290
kartik	C1	Delhi	Delhi	100093
AKRAM	Akrams House	Delhi	Delhi	110011
kamal	E-12 qwerty	Delhi	Delhi	110017
mohit13	E-123	Delhi	Delhi	110017
mohit_admin	E-23 Geetanjali	New Delhi	Delhi	110017
mohit_admin	E-23 Geetanjali Enclave	New Delhi	Delhi	110017
akram_bm	E-12 XYZ colony	Delhi	Delhi	110231
abcdef	ab xyz	Delhi	Delhi	110011
user1	user address	Delhi	Delhi	110010

```
-- Table structure for table `branches`
```

```
DROP TABLE IF EXISTS `branches`;
CREATE TABLE IF NOT EXISTS `branches` (
  `bid` int(11) NOT NULL AUTO_INCREMENT,
  `bcode` varchar(30) NOT NULL,
  `branchname` varchar(50) NOT NULL,
  `email` varchar(50) NOT NULL,
  `address` varchar(50) NOT NULL,
  `city` varchar(50) NOT NULL,
  `state` varchar(50) NOT NULL,
  `zipcode` varchar(6) NOT NULL,
  `mobile` varchar(12) NOT NULL,
  PRIMARY KEY (`bid`),
  UNIQUE KEY `bcode` (`bcode`),
  UNIQUE KEY `bcode_2` (`bcode`)
);
```

bid	bcode	branchname	email	address	city	state	zipcode	mobile
1	BR101	CP	cp@clover.com	A1 CP	Delhi	Delhi	110001	9810198101
2	BR102	NSIT	nsit@clover.com	Nsit	Dwarka	Delhi	110081	9810998109
10	BR103	Dwarka	dwarka@clover.com	Dwarka	Delhi	Delhi	100093	9810198101
24	BR104	Noida	noida@clove.com	E-1290	Delhi	Uttar Pradesh	110011	18923768719
25	BR105	Surat	surat@gmail.com	E-123	Delhi	Delhi	110019	9810198101
26	BR120	Noida1	noida1@clovermovie.com	1,Sector 1 Market	Noida	Uttar Pradesh	123456	9810198101
27	BR121	Noida2	noida2@clovermovie.com	1,Sector 2 Market	Noida	Uttar Pradesh	110012	9810198101
28	BR111	Gurgaon1	gurgaon@gmail.com	1-Gurgaon market	Gurgaon	Haryana	110923	9871098088

```

-----
--
-- Table structure for table `complaint`
--

```

```

DROP TABLE IF EXISTS `complaint`;
CREATE TABLE IF NOT EXISTS `complaint` (
  `username` varchar(50) NOT NULL,
  `videoid` int(11) NOT NULL,
  PRIMARY KEY (`username`,`videoid`),
  KEY `videoid` (`videoid`)
);

```

username	videoid
astha [->]	1 [->]
qwerty [->]	2 [->]
qwerty [->]	3 [->]
user1 [->]	8 [->]

```

-----
--
-- Table structure for table `employees`
--

```

```

DROP TABLE IF EXISTS `employees`;
CREATE TABLE IF NOT EXISTS `employees` (
  `eid` int(11) NOT NULL AUTO_INCREMENT,
  `username` varchar(50) NOT NULL,
  `bcode` varchar(30) NOT NULL,
  `salary` int(11) NOT NULL,
  `role` varchar(50) NOT NULL,
  PRIMARY KEY (`eid`),
  UNIQUE KEY `username` (`username`)
);

```

eid	username	bcode	salary	role
1	abc [->]	BR101	1000000	manager
2	qwerty [->]	BR101	10000	employee
3	akram_bm [->]	BR111	100000	manager
4	abcdef [->]	BR111	10000	employee

```
-- -----
--
-- Table structure for table `movie_review`
--
```

```
DROP TABLE IF EXISTS `movie_review`;
CREATE TABLE IF NOT EXISTS `movie_review` (
  `mid` int(11) NOT NULL DEFAULT '0',
  `username` varchar(50) NOT NULL DEFAULT 'admin',
  `REVIEW` varchar(1000) DEFAULT NULL,
  PRIMARY KEY (`mid`,`username`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

mid	username	REVIEW
1	user1	A nice Movie
2	mohit	The dark Knight

```
-- -----
--
-- Table structure for table `movies`
--
```

```
DROP TABLE IF EXISTS `movies`;
CREATE TABLE IF NOT EXISTS `movies` (
  `mid` int(11) NOT NULL AUTO_INCREMENT,
  `title` varchar(50) NOT NULL,
  `budget` varchar(20) NOT NULL,
  `actor1` varchar(30) NOT NULL,
  `actor2` text NOT NULL,
  `actor3` varchar(30) NOT NULL,
  `actor4` varchar(30) NOT NULL,
  `actor5` varchar(30) NOT NULL,
  `director` varchar(30) NOT NULL,
  `languages` varchar(100) NOT NULL,
  `location` varchar(100) NOT NULL,
  `plot` text NOT NULL,
  `poster` varchar(50) NOT NULL,
  `imdbrating` float NOT NULL,
  `releasedate` varchar(20) NOT NULL,
  `runtime` varchar(20) NOT NULL,
  `tagline` varchar(100) NOT NULL,
  `readmore` varchar(50) NOT NULL,
  `writer` varchar(50) NOT NULL,
```

```

`year` int(11) NOT NULL,
`genre1` varchar(20) NOT NULL,
`genre2` varchar(20) NOT NULL,
`genre3` varchar(20) DEFAULT NULL,
`trailer` varchar(100) NOT NULL,
PRIMARY KEY (`mid`),
UNIQUE KEY `title` (`title`),
KEY `mid` (`mid`),
KEY `title_2` (`title`)
);

```

mid	title	budget	actor1	actor2	actor3	actor4	actor5	director	location	plot	imdb poster rating	release date	runtime	tagline	readmore	writer	year	genre1	genre2	genre3	Trailer
1	The Avengers	\$220,000,000	Robert Downey Jr.	Chris Evans	Mark Ruffalo	Chris Hemsworth	Scarlett Johansson	Josh Whedon	Earth, USA	Nick Fury is director of S.H.I.E.L.D, an international peace keeping agency. The agency is a whos who of Marvel Super Heroes, with Iron Man, The Incredible Hulk, Thor, Captain America, Hawkeye and Black Widow. When global security is threatened by Loki and his cohorts, Nick Fury and his team will need all their powers to save the world from disaster	8.4/10	27 April 2012 (India)	143 min	n/A	<a href="http://www.imdb.com/title/tt0848228/">http://www.imdb.com/title/tt0848228/</a>	Josh Whedon / Zak Penn	2012	Action	N/A	N/A	<a href="http://www.imdb.com/video/imdb/vi1891149081/">http://www.imdb.com/video/imdb/vi1891149081/</a>
2	The Dark Knight	\$185,000,000	Christian Bale	Heath Ledger	Aaron Eckhart	Michael Gough	Michael Caine	Christopher Nolan	Earth, USA	Batman raises the stakes in his war on crime. With the help of Lieutenant Jim Gordon and District Attorney Harvey Dent, Batman sets out to dismantle the remaining criminal organizations that plague the city streets. The partnership proves to be effective, but they soon	9.0/10	18 July 2008 (India)	152 min	Welcome to a world without rules.	<a href="http://www.imdb.com/title/tt0468569/">http://www.imdb.com/title/tt0468569/</a>	Jonathan Nolan	2008	Action	Criminal	Drama	

mid	title	budget	actor1	actor2	actor3	actor4	actor5	director	location	plot	imdb rating	release date	runtime	tagline	readmore	writer	year	genre1	genre2	genre3	Trailer
	ghetto		ale	rt	en	hala	alan	Nolan	don't know	find themselves prey to a reign of chaos unleashed by a rising criminal mastermind known to the terrified citizens of Gotham as The Joker.â€	8.569					lan / Christopher Nolan					
3	Batman	\$150,000,000	Christian Bale	Michael Keaton	Liam Neeson	Karen Dwyer	Gary Oldman	Christopher Nolan	China	When his parents were killed, millionaire playboy Bruce Wayne relocates to Asia when he is mentored by Henri Ducard and Ras Al Ghul in how to fight evil. When learning about the plan to wipe out evil in Gotham City by Ducard,	posts 8/30	17 June 2005 (India)	140 min	n/A	<a href="http://www.imdb.com/title/tt0372784/">http://www.imdb.com/title/tt0372784/</a>	Bob Kane	2005	Action	Adventure	Crim	



mid	title	budget	actor1	actor2	actor3	actor4	actor5	director	location	plot	imdb rating	release date	runtime	tagline	readmore	writer	year	genre1	genre2	genre3	Trailer
	gins	0	Bale	none	none	none	none	rd F	London	Bruce prevents this plan from getting any further and heads back to his home. Back in his original surroundings, Bruce adopts the image of a bat to strike fear into the criminals and the corrupt as the icon known as Batman. But it doesnt stay quiet for long.â€	3.72784					David S. Goyer					
4	The Dark Knight Rises	\$230,000,000	Christian Bale	Tom Hardy	Joséphine Gordon-Lev	Anthony LaPaglia	Christopher Nolan	Stansfield	USA	Despite his tarnished reputation after the events of The Dark Knight, in which he took the rap for Dents crimes, Batman feels compelled to intervene to assist the city and its police force which is struggling to cope with Banes plans to destroy the city.â€	8.345836	20 July 2012 (India)	165 min	A Fire Will Rise	<a href="http://www.imdb.com/title/tt1345836/">http://www.imdb.com/title/tt1345836/</a>	Jonathan Nolan / Christopher	2012	Action	Thriller		<a href="http://www.imdb.com/video/imdb/vi2376312089/">http://www.imdb.com/video/imdb/vi2376312089/</a>

id	title	budget	actor1	actor2	actor3	actor4	actor5	director	language	location	plot	imdb rating	release date	runtime	tagline	readmore	writer	year	genre1	genre2	genre3	Trailer
5	Argo	\$44,500,000	Bryan Cranston	John Goodman	Vic Goines	Beggs	Alfred Molina	Ben Affleck	English	USA	In 1979, the American embassy in Iran was invaded by Iranian revolutionaries and several Americans were taken hostage. However, six managed to escape to the official residence of the Canadian Ambassador and the CIA was eventually ordered to get them out of the country. With few options, exfiltration expert Tony Mendez devised a daring plan: to create a phony Canadian film project looking to shoot in Iran and smuggle the Americans out as its production crew. With the help of some trusted Hollywood contacts, Mendez created the ruse and proceed to Iran as its associate producer. However, time was running out with the Iranian security forces closing in on the truth while both his charges and the White House had grave doubts about the operation themselves.â€	7.8	19 October 2012 (Iran)	120 min	The movie was fake. The mission was real.	<a href="http://www.imdb.com/title/tt1024648/">http://www.imdb.com/title/tt1024648/</a>	Christopher Nolan	2012	Thriller	Drama	History	<a href="http://www.imdb.com/video/imdb/vi3569066521">http://www.imdb.com/video/imdb/vi3569066521</a>

(FOR COMPLETE DATABASE IMPORT movierental.sql)

```

-----

--
-- Table structure for table `user_cart`
--

DROP TABLE IF EXISTS `user_cart`;
CREATE TABLE IF NOT EXISTS `user_cart` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `username` varchar(30) NOT NULL,
  `videoid` int(10) NOT NULL,
  PRIMARY KEY (`id`),
  UNIQUE KEY `username` (`username`,`videoid`),
  KEY `user_id` (`username`),
  KEY `movie_id` (`videoid`)
);

-----

--
-- Table structure for table `user_purchases`
--

DROP TABLE IF EXISTS `user_purchases`;
CREATE TABLE IF NOT EXISTS `user_purchases` (
  `USERNAME` varchar(30) NOT NULL DEFAULT '',
  `MID` int(11) NOT NULL DEFAULT '0',
  PRIMARY KEY (`USERNAME`,`MID`)
);

-----

--
-- Table structure for table `user_rating`
--

DROP TABLE IF EXISTS `user_rating`;
CREATE TABLE IF NOT EXISTS `user_rating` (
  `USERNAME` varchar(30) NOT NULL DEFAULT '',
  `MID` int(11) NOT NULL DEFAULT '0',
  `RATING` int(11) DEFAULT NULL,
  PRIMARY KEY (`USERNAME`,`MID`),
  KEY `MID` (`MID`)
);

```

```

-----
--
-- Table structure for table `user_rented`
--

```

```

DROP TABLE IF EXISTS `user_rented`;
CREATE TABLE IF NOT EXISTS `user_rented` (
  `username` varchar(50) NOT NULL,
  `videoid` int(11) NOT NULL,
  `date_of_rent` date NOT NULL,
  `date_of_return` date NOT NULL,
  `days_issue` int(11) NOT NULL,
  `rent_due` int(11) NOT NULL,
  `fine` int(11) NOT NULL,
  PRIMARY KEY (`videoid`),
  KEY `username` (`username`)
);

```

```

-----
--
-- Table structure for table `user_watchlist`
--

```

```

DROP TABLE IF EXISTS `user_watchlist`;
CREATE TABLE IF NOT EXISTS `user_watchlist` (
  `username` varchar(30) NOT NULL DEFAULT '',
  `MID` int(11) NOT NULL DEFAULT '0',
  PRIMARY KEY (`username`,`MID`),
  KEY `MID` (`MID`),
  KEY `username` (`username`)
);

```

```

-----
--
-- Table structure for table `user_wishlist`
--

```

```

DROP TABLE IF EXISTS `user_wishlist`;
CREATE TABLE IF NOT EXISTS `user_wishlist` (
  `USERNAME` varchar(30) NOT NULL DEFAULT '',
  `MID` int(11) NOT NULL DEFAULT '0',
  PRIMARY KEY (`USERNAME`,`MID`),
  KEY `USERNAME` (`USERNAME`),
  KEY `MID` (`MID`),

```

```

KEY `USERNAME_2` (`USERNAME`),
KEY `MID_2` (`MID`)
);

-----
--
-- Table structure for table `users`
--
DROP TABLE IF EXISTS `users`;
CREATE TABLE IF NOT EXISTS `users` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `firstname` varchar(30) NOT NULL,
  `lastname` varchar(30) NOT NULL,
  `password` varchar(255) NOT NULL,
  `username` varchar(30) NOT NULL,
  `email` varchar(50) NOT NULL,
  `mobile` varchar(12) NOT NULL,
  `dateofbirth` varchar(12) NOT NULL,
  `newsletter` varchar(20) NOT NULL,
  `referral` varchar(20) NOT NULL,
  `account_type` varchar(20) NOT NULL,
  `issuecount` int(11) NOT NULL DEFAULT '0',
  PRIMARY KEY (`id`),
  UNIQUE KEY `username` (`username`),
  KEY `username_2` (`username`),
  KEY `username_3` (`username`)
);

```

id	firstname	lastname	password	username	email	mobile	dateofbirth	newsletter	referral	account_type	issuecount
1	Mohit	Manaktala	4e16a414bb6478119d96b16687dc7d9a	mohit	mohitmanaktala13@gmail.com	9871098007	12-07-1989	yes	Friend	admin	1
2	Astha	Manaktala	4e16a414bb6478119d96b16687dc7d9a	astha	mohitmanaktala13@gmail.com	9810198101	12-08-1999	yes	Friend	user	11
3	Abc	Def	4e16a414bb6478119d96b16687dc7d9a	abc	mohitmanaktala@gmail.com	9871098090	12-22-1992	yes	None	manager	0
4	xyz	qwerty	e118ecaa21f96651c3151aa72f78cc07	qwerty	qwerty@gmail.com	9090909090	11-11-1999	yes	None	employee	22
5	kartik	chadha	4e16a414bb6478119d96b16687dc7d9a	kartik	kartikchadha@gmail.com	9810198101	09-21-1992	yes	Friend	user	2
6	mOHAMMED	aKRAM	4e16a414bb6478119d96b16687dc7d9a	AKRAM	akram@gmail.com	9999999999	12-12-1999	yes	Friend	user	0
7	Kamal	Joshi	312f13d1cded0e81be32d02ca7b35bfe	kamal	k2joshi04@gmail.com	9810198101	12-12-1992	yes	Friend	admin	0
8	Mohit	Manaktala	4e16a414bb6478119d96b16687dc7d9a	mohit13	mohitmanaktala13@gmail.com	9871098007	12-12-1990	yes	None	user	0

id	firstname	lastname	password	username	email	mobile	dateofbirth	newsletter	referral	account_type	issuecount
10	Mohit	Manaktala	4e16a414bb6478119d96b16687dc7d9a	mohit_admin	mohitmanaktala13@gmail.com	9871098007	04-13-1992	yes	None	admin	0
11	Mohammad	Akram	4e16a414bb6478119d96b16687dc7d9a	akram_bm	mohammadakram@clover.com	9871987197	01-01-1990	yes	None	manager	0
12	ABC	DEF	4e16a414bb6478119d96b16687dc7d9a	abcdef	abcdef@gmail.com	9871098891	12-12-1990	yes	None	employee	0
13	User	Naive	4e16a414bb6478119d96b16687dc7d9a	user1	user1@gmail.com	9810198101	11-11-1991	yes	Friend	user	3

```
--
-- Triggers `users`
--
DROP TRIGGER IF EXISTS `Fine`;
CREATE TRIGGER `Fine` BEFORE UPDATE ON `users`
FOR EACH ROW Update user_rented inner join video on
user_rented.videoid=video.videoid Set
Fine=video.rent*DATEDIFF(CURDATE(),date_of_return) Where
DATEDIFF(CURDATE(),date_of_return)>days_issue
```

```
-- -----
--
-- Table structure for table `video`
--
```

```
DROP TABLE IF EXISTS `video`;
CREATE TABLE IF NOT EXISTS `video` (
  `videoid` int(11) NOT NULL AUTO_INCREMENT,
  `movieid` int(11) NOT NULL,
  `title` varchar(100) NOT NULL,
  `type` varchar(100) NOT NULL,
  `bcode` varchar(30) NOT NULL,
  `cost` int(11) NOT NULL,
  `status` int(11) NOT NULL DEFAULT '0',
  `cond` int(11) NOT NULL DEFAULT '1',
  `rent` int(11) NOT NULL,
  `issues` int(11) NOT NULL DEFAULT '0',
  `complaint` int(11) NOT NULL DEFAULT '0',
  PRIMARY KEY (`videoid`),
  KEY `movieid` (`movieid`),
  KEY `movieid_2` (`movieid`)
);
```

videoid	movieid	title	type	bcode	cost	status	cond	rent	issues	complaint
1	1 [->]	The Avengers	BluRay	BR101	2000	1	1	200	4	1
2	1 [->]	The Avengers	DVD	BR101	1000	1	1	100	1	2
3	4 [->]	The Dark Knight Rises	DVD	BR101	1000	1	1	100	2	1
4	4 [->]	The Dark Knight Rises	BluRay	BR101	2000	0	1	200	7	0
6	10 [->]	The Shawshank Redemption	BluRay	BR101	1000	0	1	100	0	0
7	1 [->]	The Avengers	DVD	BR101	1000	1	1	100	1	0
8	2 [->]	The Dark Knight	DVD	BR101	1000	0	1	100	1	1
11	1 [->]	The Avengers	DVD	BR101	1000	0	1	100	0	0
13	1 [->]	The Avengers	DVD	BR101	1000	0	1	100	0	0
14	1 [->]	The Avengers	DVD	BR102	1000	0	1	100	0	0
15	1 [->]	The Avengers	DVD	BR120	500	0	1	100	1	0
16	15 [->]	The Social Network	BluRay	BR111	500	0	1	100	0	0
17	14 [->]	Oblivion	BluRay	BR111	1000	0	1	200	0	0

```
--
-- Constraints for table `complaint`
--
ALTER TABLE `complaint`
  ADD CONSTRAINT `complaint_ibfk_1` FOREIGN KEY (`username`) REFERENCES `users` (`username`)
  ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `complaint_ibfk_2` FOREIGN KEY (`videoid`) REFERENCES `video` (`videoid`) ON
  DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `employees`
--
ALTER TABLE `employees`
  ADD CONSTRAINT `employees_ibfk_1` FOREIGN KEY (`username`) REFERENCES `users` (`username`)
  ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `movie_review`
--
ALTER TABLE `movie_review`
  ADD CONSTRAINT `movie_review_ibfk_1` FOREIGN KEY (`MID`) REFERENCES `movies` (`mid`) ON
  DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `user_cart`
--
```

```

ALTER TABLE `user_cart`
  ADD CONSTRAINT `user_cart_ibfk_1` FOREIGN KEY (`username`) REFERENCES `users` (`username`)
  ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `user_cart_ibfk_2` FOREIGN KEY (`videoid`) REFERENCES `video` (`videoid`) ON
  DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `user_rating`
--
ALTER TABLE `user_rating`
  ADD CONSTRAINT `user_rating_ibfk_1` FOREIGN KEY (`MID`) REFERENCES `movies` (`mid`) ON
  DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `user_rented`
--
ALTER TABLE `user_rented`
  ADD CONSTRAINT `user_rented_ibfk_1` FOREIGN KEY (`username`) REFERENCES `users`
  (`username`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `user_watchlist`
--
ALTER TABLE `user_watchlist`
  ADD CONSTRAINT `user_watchlist_ibfk_1` FOREIGN KEY (`MID`) REFERENCES `movies` (`mid`) ON
  DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `user_watchlist_ibfk_2` FOREIGN KEY (`username`) REFERENCES `users`
  (`username`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `user_wishlist`
--
ALTER TABLE `user_wishlist`
  ADD CONSTRAINT `user_wishlist_ibfk_1` FOREIGN KEY (`USERNAME`) REFERENCES `users`
  (`username`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `user_wishlist_ibfk_2` FOREIGN KEY (`MID`) REFERENCES `movies` (`mid`) ON
  DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `video`
--
ALTER TABLE `video`
  ADD CONSTRAINT `video_ibfk_1` FOREIGN KEY (`movieid`) REFERENCES `movies` (`mid`) ON DELETE
  CASCADE ON UPDATE CASCADE;

```



# SCREEN SHOTS



WELCOME TO CLOVER MOVIE RENTAL STORE

## Updates

### New Movies Are Available

- A new Movie is available in our [Store](#)

### Clover Movie Rental Store

- Clover Movie Rental Store is going to open a new store. See [About](#) page for further details.



## Customer Registration

Welcome to Clover Movie Rental Store's customer registration page. Registering as a member allows you to rent movies from our art store. You will also be able to receive updates on our latest movies in our store as well as special offers sent only to our registered members.

[Already registered? Click here to login.](#)

### Registration Form:

First Name:	<input type="text" value="Mohit"/>	✓ Nice name!
Last Name:	<input type="text" value="Manaktala"/>	✓ Weird last name!
Username:	<input type="text" value="Mohit"/>	✗ Username is taken!
Password:	<input type="password" value="....."/>	✓ Good!
Re-enter Password:	<input type="password" value="....."/>	✓ Great job at typing!
Email:	<input type="text" value="mohitmanaktala13@gmail.co"/>	✓ Email looks valid!
Address:	<input type="text" value="E-23 Geetanjali Enclave"/>	✓ Address Validated!
City:	<input type="text" value="Delhi"/>	✓ City Validated!
State:	<input type="text" value="Haryana"/>	✓ State Validated!
Zip Code :	<input type="text" value="110017"/>	✓ Good!
Contact No.:	<input type="text" value="9810198101"/>	✓ Valid Number!
Date of Birth:	<input type="text" value="01-01-1990"/>	✓ dateofbirth looks valid!
Subscribe to newsletter?	<input checked="" type="checkbox"/>	
Referral:	<input type="text" value="None"/>	
Enter Code:	<input type="text"/>	Enter Code(if any)?

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## Gallery



[The Avengers](#)



[The Dark Knight](#)



[Batman Begins](#)



[The Dark Knight Rises](#)



[Argo](#)



[Silver Linings Playbook](#)



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Clover Movie Rental Store





Welcome back Mohit Manaktala admin

[Home](#)
[Gallery](#)
[About](#)
[Contact](#)

 2
 [Logout](#)
[My Profile](#)

### Shopping Cart

Product	Days	Price per day
 <a href="#">The Dark Knight</a>	1 <input type="text"/>	Rs.100.00 <a href="#">Remove</a>
 <a href="#">The Avengers</a>	1 <input type="text"/>	Rs.100.00 <a href="#">Remove</a>

Check Out

### Updates

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### Rental Cart

Product	Rent Due	Return Date
 <a href="#">The Dark Knight</a>	Rs.1002013-05-05 <a href="#">Bad quality report</a>	<a href="#">Return Movie</a> <a href="#">Lost video</a>
 <a href="#">The Avengers</a>	Rs.1002013-05-05 <a href="#">Bad quality report</a>	<a href="#">Return Movie</a> <a href="#">Lost video</a>

Total: Rs200.00

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## Add a Movie

Title: **Dabangg**  
Budget: **\$9,370,000**  
Cast (Top 5): **Salman Khan / Sonakshi Sinha / Vinod Khanna / Dimple Kapadia / Arbaaz Khan...**  
Countries: **India**  
Director: **Abhinav Kashyap**  
Genres: **Action / Comedy / Crime / Romance / Thriller**  
Languages: **Hindi**  
Location: **n/A**  
Plot (shortened): **Set in Uttar Pradesh, Chulbul Pandey is a young boy who lives with his mother Naini, stepfather Prajapati, and younger half-brother Makkhi. Chulbul is constantly angry that his step-father is always partial towards his own biological son. 21 years later, Chulbul is a rowdy, mischievous, and sometimes crooked cop, who refers to himself as "Robin Hood." He does everything in his own indomitable way; whether it's dealing with corrupt politician and thug Chedi Singh, fighting a family feud, or romancing stunning Rajo....**  
Poster: **posters/1620719.jpg**  
Rating: **6.2**  
Release Date: **10 September 2010 (India)**  
Runtime: **126 min**  
Tagline: **n/A**  
Url: **<http://www.imdb.com/title/tt1620719/>**  
Votes: **9,422**  
Trailer: **n/A**  
Writers: **Dilip Shukla / Abhinav Kashyap**  
Year: **2010**

## Updates

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### The Avengers(2012)

**Rating:** 8.3

**Director:** Joss Whedon

**Starring:** Robert Downey Jr. , Chris Evans , Mark Ruffalo , Chris Hemsworth , Scarlett Johansson

**Plot:** Nick Fury is director of S.H.I.E.L.D, an international peace keeping agency. The agency is a whos who of Marvel Super Heroes, with Iron Man, The Incredible Hulk, Thor, Captain America, Hawkeye and Black Widow. When global security is threatened by Loki and his cohorts, Nick Fury and his team will need all their powers to save the world from disaster....

**User Rating:** 4.0000

**Genres:** Action

**Read More :** <http://www.imdb.com/title/tt0848228/>

**Trailer :** <http://www.imdb.com/video/imdb/vi1891149081/>

Branch And Video type:

Enter your review here...

1

[Read User Reviews](#)

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## Watch List

[The Avengers](#)[Remove](#)[The Dark Knight Rises](#)[Remove](#)[Argo](#)[Remove](#)[Silver Linings Playbook](#)[Remove](#)[Iron Man 3](#)[Remove](#)[Dabangg](#)[Remove](#)

## Updates

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## wish List



[The Dark Knight Rises](#)

[Remove](#)



[Silver Linings Playbook](#)

[Remove](#)



[Iron Man 3](#)

[Remove](#)



[Zindagi Na Milegi Dobara](#)

[Remove](#)



[Dabangg](#)

[Remove](#)

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