

# Document Untitled

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## Table

### Table

#### Name

Hall

Member

Movies

Payment

Reservations

Review

Timings

### Column(s) of "Hall" Table

Name	Datatype	Null Option
HallID	INTEGER	NOT NULL
Name	VARCHAR2(20)	NOT NULL
TotalSeats	INTEGER	NOT NULL
OccupiedSeats	INTEGER	NOT NULL

### Child Relationship(s) of "Hall" Table

FK Name	Cardinality
Halls_are_Reserved	One-to-Zero-One-or-More
Halls_have_show_timings	Many-to-Many

### Parent Table(s) of "Halls\_are\_Reserved" Child Relationship

#### Name

Hall

### Child Table(s) of "Halls\_are\_Reserved" Child Relationship

#### Name

Reservations

### Parent Table(s) of "Halls\_have\_show\_timings" Child Relationship

#### Name

Hall

### Child Table(s) of "Halls\_have\_show\_timings" Child Relationship

#### Name

Timings

### Column(s) of "Member" Table

Name	Datatype	Null Option
MemberID	INTEGER	NOT NULL
FirstName	VARCHAR2(20)	NOT NULL
LastName	VARCHAR2(20)	NOT NULL
UserName	VARCHAR2(20)	NOT NULL
Password	VARCHAR2(20)	NOT NULL
CNIC	CHAR(13)	NOT NULL
Contact	CHAR(11)	NULL
CreditCardNumber	CHAR(16)	NOT NULL
Email	VARCHAR2(20)	NOT NULL
UserType	SMALLINT	NOT NULL
MemberStatus	SMALLINT	NOT NULL

### Child Relationship(s) of "Member" Table

FK Name	Cardinality
Member_Pays_For_Reservations	One-to-Zero-One-or-More
Member_has_Reservations	One-to-Zero-One-or-More
Member_gives_Reviews_to_Movoes	One-to-Zero-One-or-More

### Parent Table(s) of "Member\_Pays\_For\_Reservations" Child Relationship

#### Name

Member

### Child Table(s) of "Member\_Pays\_For\_Reservations" Child Relationship

#### Name

Payment

Parent Table(s) of "Member has Reservations" Child Relationship	
Name	
Member	

Child Table(s) of "Member has Reservations" Child Relationship	
Name	
Reservations	

Parent Table(s) of "Member gives Reviews to Movoes" Child Relationship	
Name	
Member	

Child Table(s) of "Member gives Reviews to Movoes" Child Relationship	
Name	
Review	

Column(s) of "Movies" Table		
Name	Datatype	Null Option
MovieID	INTEGER	NOT NULL
Name	VARCHAR2(20)	NOT NULL
F_Actor	VARCHAR2(20)	NOT NULL
M_Actor	VARCHAR2(20)	NOT NULL
ReleaseDate	DATE	NOT NULL
Trailor	VARCHAR2(20)	NULL
Category	VARCHAR2(20)	NOT NULL

Child Relationship(s) of "Movies" Table	
FK Name	Cardinality
R_15	One-to-Zero-One-or-More
Reviews_are_given_for_a_certain	Many-to-Many

Parent Table(s) of "R_15" Child Relationship	
Name	
Movies	

Child Table(s) of "R_15" Child Relationship	
Name	
Review	

Parent Table(s) of "Reviews_are_given_for_a_certain" Child Relationship	
Name	
Movies	

Child Table(s) of "Reviews_are_given_for_a_certain" Child Relationship	
Name	
Timings	

Column(s) of "Payment" Table		
Name	Datatype	Null Option
PaymentID	INTEGER	NOT NULL
MemberID	INTEGER	NOT NULL
R_ID	INTEGER	NOT NULL
TotalPayment	INTEGER	NOT NULL
Discount	INTEGER	NULL

Child Relationship(s) of "Payment" Table	
FK Name	Cardinality
Payment_is_done_for_a_certain_	One-to-Zero-One-or-More

Parent Table(s) of "Payment is done for a certain " Child Relationship	
Name	
Payment	

Child Table(s) of "Payment_is_done_for_a_certain " Child Relationship	
Name	
Reservations	

Column(s) of "Reservations" Table		
Name	Datatype	Null Option
R_ID	INTEGER	NOT NULL
MemberID	INTEGER	NOT NULL
HallID	INTEGER	NOT NULL
PaymentID	INTEGER	NOT NULL
SeatsReserved	INTEGER	NOT NULL

Child Relationship(s) of "Reservations" Table	
FK Name	Cardinality

Column(s) of "Review" Table		
Name	Datatype	Null Option
ReviewID	INTEGER	NOT NULL
MemberID	INTEGER	NOT NULL
MovieID	INTEGER	NOT NULL
Title	VARCHAR2(20)	NOT NULL
R_Description	VARCHAR2(70)	NOT NULL
ReviewStatus	SMALLINT	NOT NULL
ThumbsUp	INTEGER	NULL
ThumbsDown	INTEGER	NULL

Child Relationship(s) of "Review" Table	
FK Name	Cardinality

Column(s) of "Timings" Table		
Name	Datatype	Null Option
TimingsID	CHAR(18)	NOT NULL
MovieID	INTEGER	NOT NULL
HallID	INTEGER	NOT NULL
Timing	DATE	NOT NULL
ShowDate	DATE	NULL

Child Relationship(s) of "Timings" Table	
FK Name	Cardinality