

CINEMA ABC

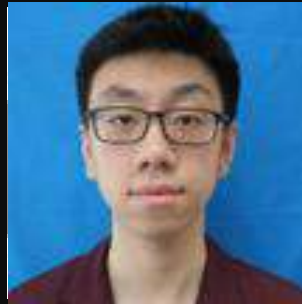
Who's Presenting?



EMILY INDRAKUSUMA
2440010076



ADHAM MIFTAH
2440068972



EWALDO SAMUEL
2440007081



GABRIELA AZZAHRA FERDY
2440039051



ANDREW DUARTE W.
2440012535

NEXT TO PRESENTATION

COMPANY PROFILE

ABC Cinema adalah sebuah perusahaan yang bergerak pada bisnis bioskop yang memelopori jaringan cineplex di seluruh Indonesia. ABC Cinema telah berdiri kurang lebih selama 10 tahun dari tahun 2011. ABC Cinema sekarang ini memiliki 35 cabang di seluruh Indonesia. 20 diantaranya berada di pulau Jawa, 5 di Kalimantan, 5 di Sulawesi, dan 5 lagi berada di Papua.

ABC Cinema didirikan dengan tujuan agar bioskop di Indonesia lebih dapat tersebar dan masyarakat Indonesia lebih dapat menikmati film-film yang ada dengan harga yang terjangkau. Selain itu, mereka memiliki prinsip yaitu kepuasan konsumen adalah hal yang paling utama, dimana service yang mereka berikan akan dijanjikan untuk memuaskan seluruh konsumennya.

COMPANY BUSINESS PROCESS

Secara sekilas,

Cinema ABC melayani pembelian tiket secara *walk-in*.

Customer dapat melihat list film yang diadakan melalui layar lebar yang ada di gedung bioskop.

Staff akan menunjukkan kursi yang tersedia pada setiap jam tayang film tersebut.

Customer dapat melakukan pembelian satu film dalam satu transaksi, namun bisa membeli banyak kursi

Pembayaran booking dapat dilakukan melalui tunai, card, maupun ewallet

Setelah booking berhasil, sistem akan mengurangi jumlah kursi yang tersedia dan merekam pemesanan.

PROBLEM STATEMENT

Terkadang terdapat kursi yang telah dibeli oleh pelanggan, namun masih dapat dibeli lagi oleh pelanggan lainnya

Data staff/karyawan terkadang tidak tersimpan dengan benar dan tepat.

DATABASE PLANNING

Aktivitas perencanaan sistem database untuk Sistem Informasi Manajemen Bioskop ABC dapat terealisasi dengan baik dan efisien dengan melakukan dua langkah dalam database planning, yaitu mendefinisikan mission statement dan mission objectives.

Mission Statement:

Tujuan dari pembuatan sistem basis data pada Sistem Informasi Manajemen Bioskop adalah untuk mempermudah dalam mengorganisir dan memproses dalam melakukan pengelolaan data pada setiap cabang bioskop, seperti transaksi penjualan tiket pada setiap bioskop. Sehingga nantinya tiket yang terjual dapat ter-update secara real-time.

Mission Objectives: outline yang akan dilakukan untuk mencapai misi, seperti CRUD pada bagian2 entitas yang tersedia

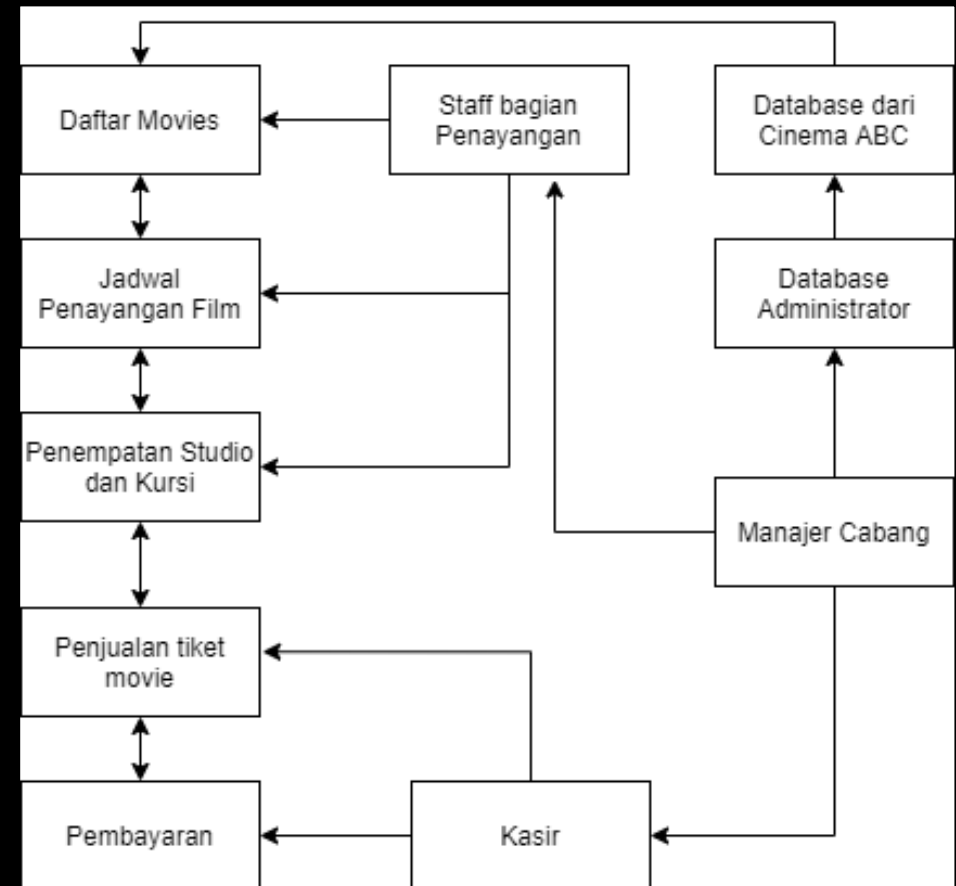
 Resume

+ My List

SYSTEM DEFINITION

Perancangan basis data ini meliputi sistem bioskop dari ABC Cinema yang telah kami rancang.

Berikut merupakan definisi sistem perancangan basis data pada ABC Cinema:



REQUIREMENT COLLECTION AND ANALYSIS

Fact-finding technique observation, langsung bagaimana proses bisnis sebuah bioskop berjalan.



 Resume

+ My List

CONCEPTUAL DESIGN

← 1.1 IDENTIFY ENTITY TYPES

CINEMA ABC

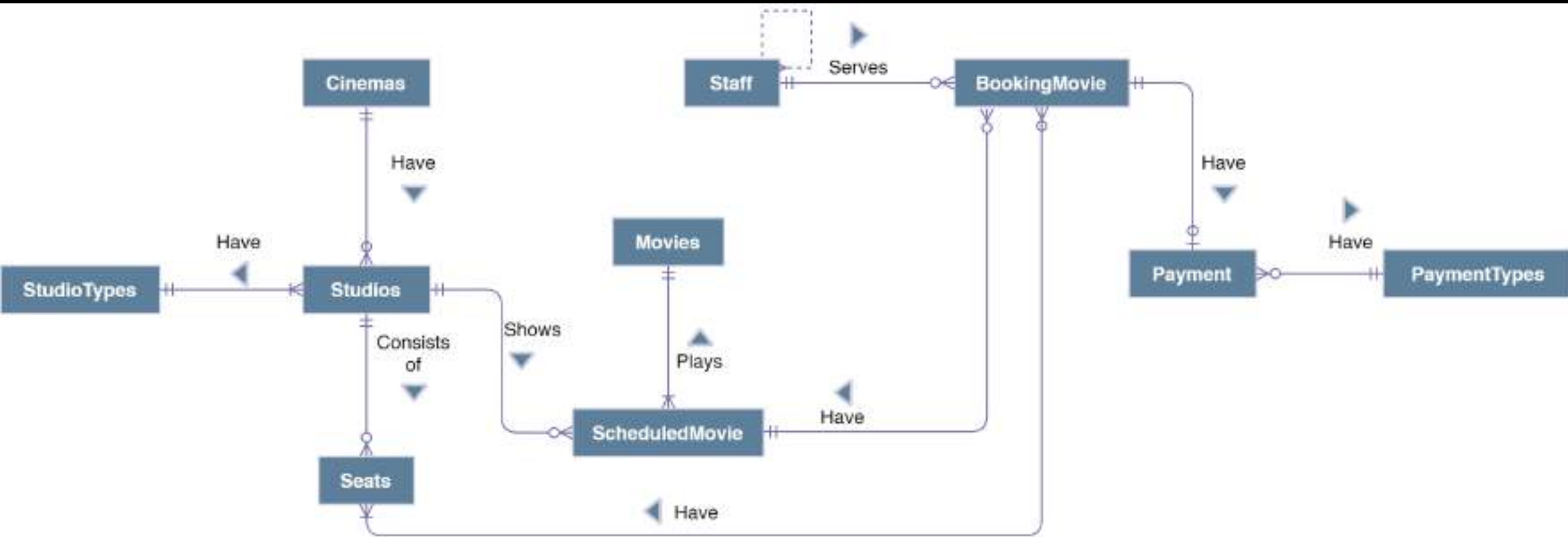
<i>Entity Name</i>	<i>Description</i>	<i>Aliases</i>	<i>Occurence</i>
Staff	Mendeskripsikan mengenai staff yang bekerja	Karyawan	Satu staff bekerja hanya pada 1 gedung bioskop. Satu staff bisa melayani pemesanan movie lebih dari satu
Cinemas	Mendeskripikan mengenai seluruh <i>general information</i> pada bioskop	Gedung Bioskop	Setiap cinema bisa memiliki lebih dari satu studio bioskop. Setiap cinema bisa memiliki lebih dari satu karyawan
Studio	Mendeskripsikan mengenai detail informasi dalam studio	Studio	Satu studio hanya memiliki satu studio type. Satu studio bisa memiliki lebih dari satu movie showing. Satu studio akan dimiliki oleh hanya 1 cinema Satu studio bisa memiliki lebih dari 1 kursi
StudioTypes	Mendeskripsikan mengenai detail dari setiap tipe studio	Tipe Studio Bioskop	Satu Studio Type bisa dimiliki oleh satu studio.

45:09



FIRST CUT ERD

CINEMA ABC



45:09



CONCEPTUAL DATABASE



← 1.2

IDENTIFY RELATIONSHIP TYPES

CINEMA ABC

Entity Name	Multiplicity	Relationship	Multiplicity	Entity Name
<i>Staff</i>	0..*	Bekerja	1..1	<i>Cinemas</i>
	1..1	Melayani	1..*	<i>BookingMovies</i>
	0..1	Supervise	0..*	<i>Staff</i>
<i>Cinema</i>	1..1	Memiliki	0..*	<i>Studios</i>
<i>Studios</i>	1..1	Terdiri atas	0..*	<i>Seats</i>
	0..*	Memiliki	1..1	<i>StudioTypes</i>
	1..1	Menayangkan	0..*	<i>MovieShowing</i>
<i>ScheduledMovie</i>	0..*	Menayangkan	1..1	<i>Movies</i>
<i>BookingMovie</i>	1..1	Memilki	0..1	<i>Payment</i>
	0..*	Memiliki	1..1	<i>ScheduledMovie</i>
	0..*	Memilki	1..*	<i>Seats</i>
<i>Payment</i>	0..*	Memiliki	1..1	<i>PaymentTypes</i>

45:09

← 1.3

IDENTIFY AND ASSOCIATE ATTRIBUTES WITH ENTITY OR RELATIONSHIP TYPES

CINEMA ABC

<i>Entity Name</i>	<i>Attributes</i>	<i>Description</i>	<i>Data types & Length</i>	<i>Nulls</i>	<i>Multi-valued</i>
<i>Cinemas</i>	<ol style="list-style-type: none"> CinemaID CinemaName CinemaLocation StudioQty 	<ol style="list-style-type: none"> Pengidentifikasi unik dari setiap bioskop Nama bioskop Lokasi bioskop Jumlah Studio di setiap bioskop 	<ol style="list-style-type: none"> CHAR (7) VARCHAR (100) VARCHAR (100) INT 	No No No No	No No No No
<i>Studios</i>	<ol style="list-style-type: none"> StudioID StudioName CinemaID StudioTypeID Capacity 	<ol style="list-style-type: none"> Pengidentifikasi unik setiap studio Nama studio Pengidentifikasi unik dari setiap bioskop Pengidentifikasi unik dari setiap jenis studio Kapasitas tiap studio 	<ol style="list-style-type: none"> CHAR (10) VARCHAR (30) CHAR (7) CHAR (6) INT 	No No No No No	No No No No No
<i>StudioTypes</i>	<ol style="list-style-type: none"> StudioTypeID StudioTypeName 	<ol style="list-style-type: none"> Pengidentifikasi unik dari setiap jenis studio Nama tipe studio 	<ol style="list-style-type: none"> CHAR (6) VARCHAR (30) 	No No	No No

← 1.4

DETERMINE ATTRIBUTE DOMAIN

CINEMA ABC

<i>Entity Name</i>	<i>Attribute</i>	<i>Attribute Domain</i>
<i>Cinemas</i>	CinemaID CinemaName CinemaLocation StudioQty	'CNM[0-9][0-9][0-9][0-9]' VARCHAR (100) VARCHAR (100) INT
<i>Studios</i>	StudioID StudioName CinemaID StudioTypeID Capacity	'[A-Z][A-Z][A-Z]STD[0-9][0-9][0-9][0-9]' VARCHAR (30) 'CNM[0-9][0-9][0-9][0-9]' 'STP[0-9][0-9][0-9]' INT
<i>StudioTypes</i>	StudioTypeID StudioTypeName	'STP[0-9][0-9][0-9]' 'Regular' OR 'Premiere' OR 'Platinum'

45:09

← 1.5

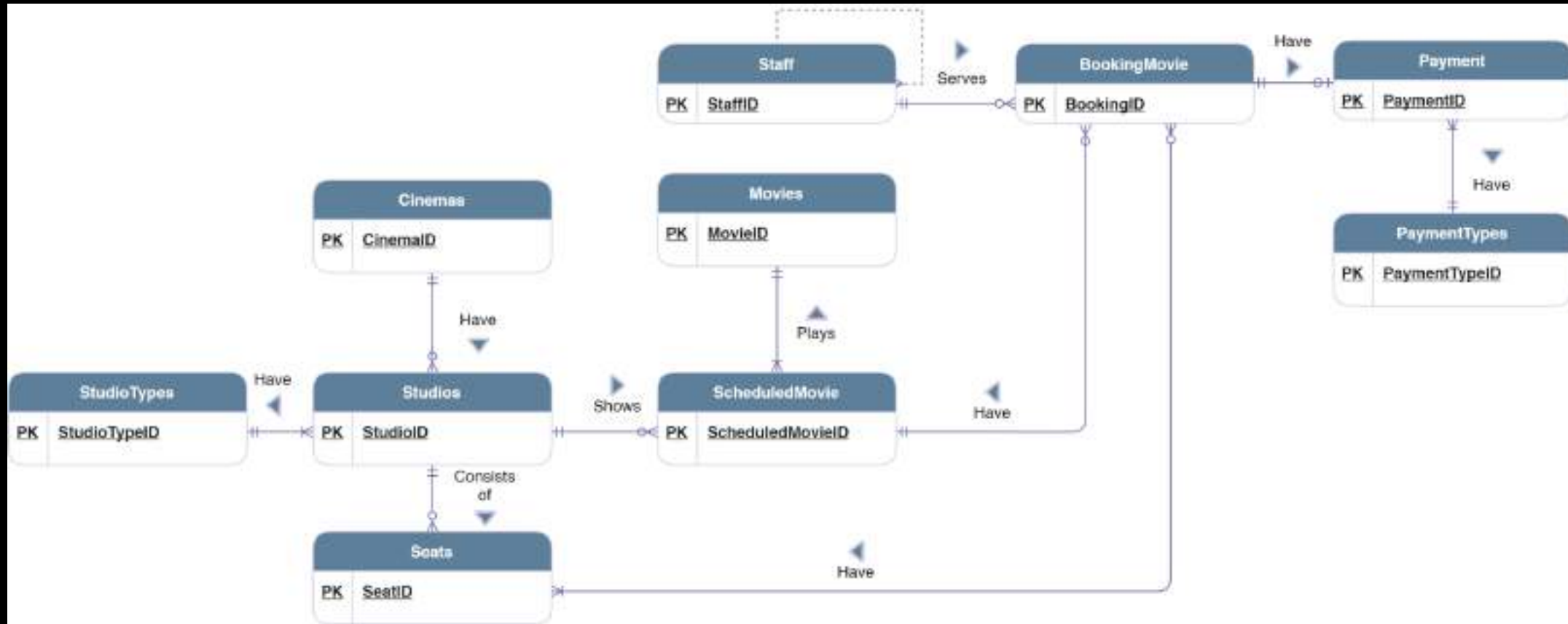
DETERMINE CANDIDATE, PRIMARY, AND ALTERNATE KEY ATTRIBUTES

CINEMA ABC

<i>Entity Name</i>	<i>Candidate Keys</i>	<i>Primary Keys</i>	<i>Alternate Keys</i>
<i>Cinemas</i>	CinemaID CinemaName	CinemaID	CinemaName
<i>Studios</i>	StudioID	StudioID	-
<i>StudioTypes</i>	StudioTypeID	StudioTypeID	-
<i>Seats</i>	SeatID	SeatID	-
<i>Staff</i>	StaffID StaffPhoneNum	StaffID	StaffPhoneNum
<i>BookingMovie</i>	BookingID	BookingID	
<i>Movies</i>	MovieID	MovieID	

ENTITY RELATIONSHIP DIAGRAM WITH PRIMARY KEY

CINEMA ABC



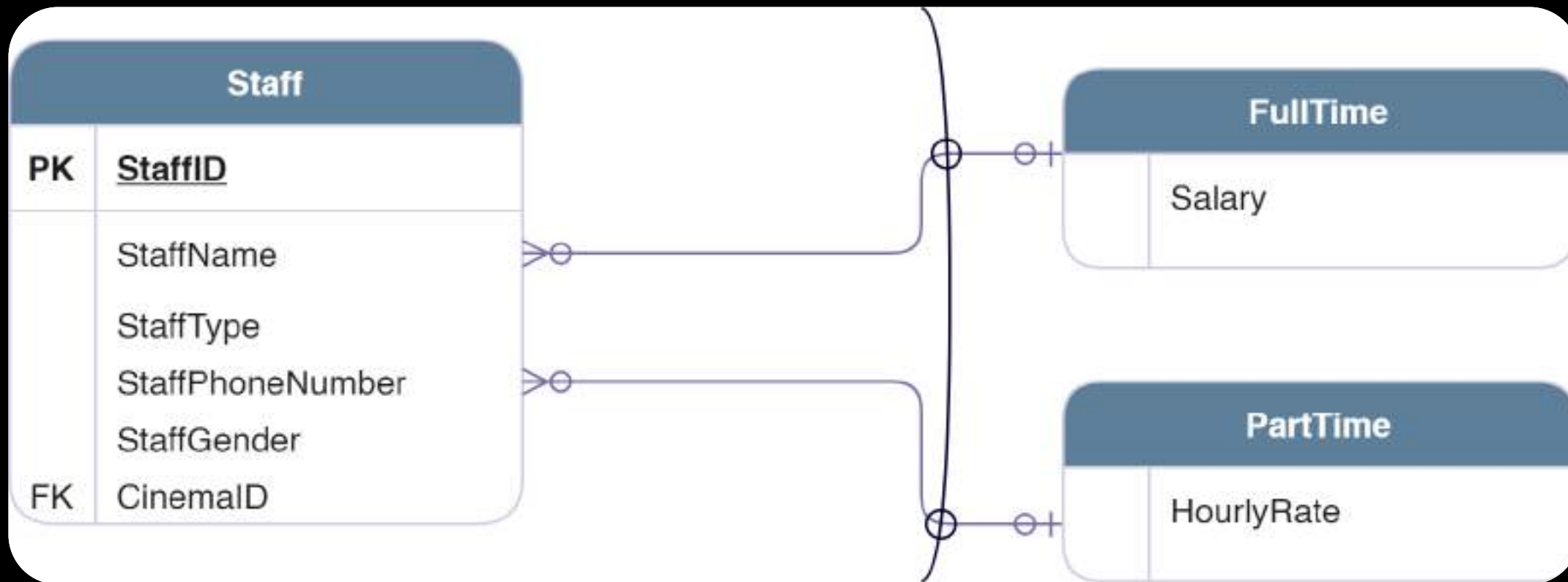
45:09

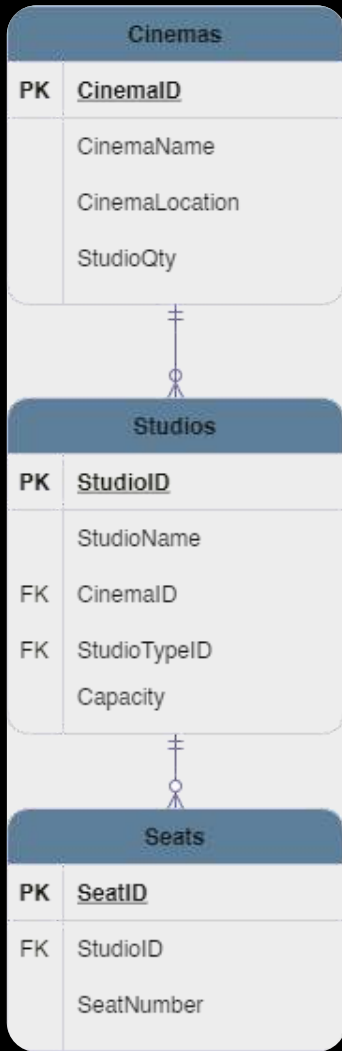
ARCS, HIERARCHIES, AND RECURSIVE MODELING



1 ARCS

CINEMA ABC

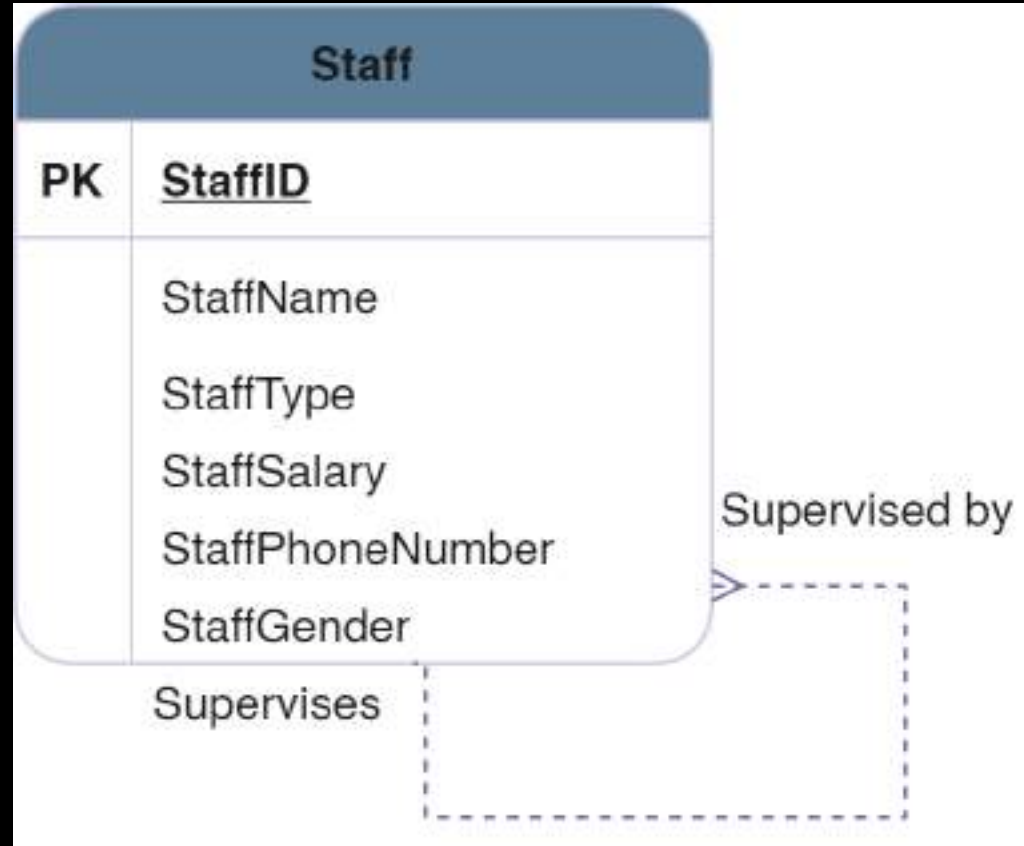




3

RECURSIVE

CINEMA ABC



2

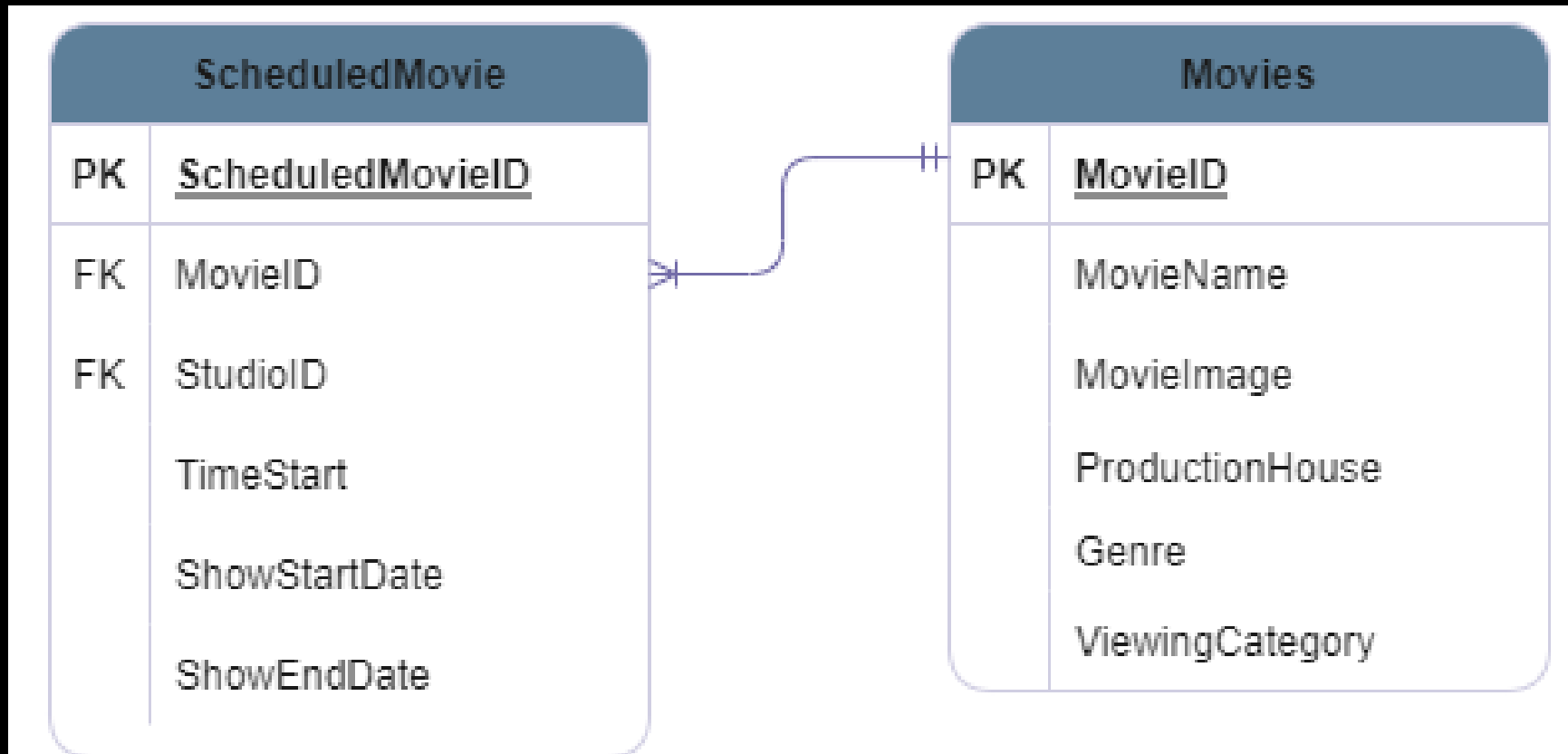
HIERARCHIES

CHANGES & HISTORICAL MODEL



HISTORICAL MODEL

CINEMA ABC



LOGICAL DESIGN

STEP 2.1 DERIVE RELATIONS FOR LOGICAL DATA MODEL



1 STRONG ENTITY

CINEMA ABC

- ***Cinemas*** (CinemaID, CinemaName, CinemaLocation, StudioQuantity)
Primary key (PK) CinemaID.
- ***Staff*** (StaffID, StaffName, StaffType, StaffPhoneNumber, StaffGender).
Primary key (PK) StaffID.
- ***Movies*** (MovieID, MovieName, Genre, FilmStudio, ViewingCategory).
Primary key (PK) MovieID

45:09



Logical design



← 2 WEAK ENTITY

CINEMA ABC

- ***Studios***(StudioID, StudioName, CinemaID, StudioTypeID, Capacity)
Primary key(PK) StudioID.
- ***StudioType*** (StudioTypeID, StudioTypeName, Price).
Primary Key(PK) StudioTypeID
- ***Seats*** (SeatID, StudioID, SeatNumber).
Primary key (PK) SeatID.
- ***Payment*** (PaymentID, PaymentTypeID, BookingID, Nominal).
Primary key(PK) PaymentID

45:09



3

ONE-TO-MANY (1..*) BINARY RELATIONSHIP TYPES

CINEMA ABC

- **Hubungan One-to-Many Movies dengan MovieShowing**
Penempatan MovieID ke MovieShowing memiliki:
 - ***Movies*** (MovieID, MovieName, CinemaID, Genre, FilmStudio, ViewingCategory)
 - ✓ ***Primary Key:*** MovieID
 - ***MovieShowing***(MovieShowingID, MovieID, StudioID)
 - ✓ ***Primary Key:*** MovieShowingID
 - ✓ ***Foreign Key:*** MovieID, StudioID ***References*** Movie (MovieID), Studio (StudioID)

45:09



Logical design





4

ONE-TO-ONE (1..1) BINARY RELATIONSHIP TYPES

CINEMA ABC

- Hubungan *One-to-One BookingMovie dengan Payment*

Penempatan BookingID ke Payment:

- **BookingMovie**(BookingID, StaffID)

- **Primary Key:** BookingID

- **Foreign Key:** StaffID References Staff(StaffID)

- **Payment**(PaymentID, PaymentTypeID, BookingID, Nominal)

- **Primary Key:** PaymentID

- **Foreign Key:** PaymentTypeID, BookingID References PaymentTypes (PaymentTypeID), BookingMovie (BookingID)

45:09



Logical design





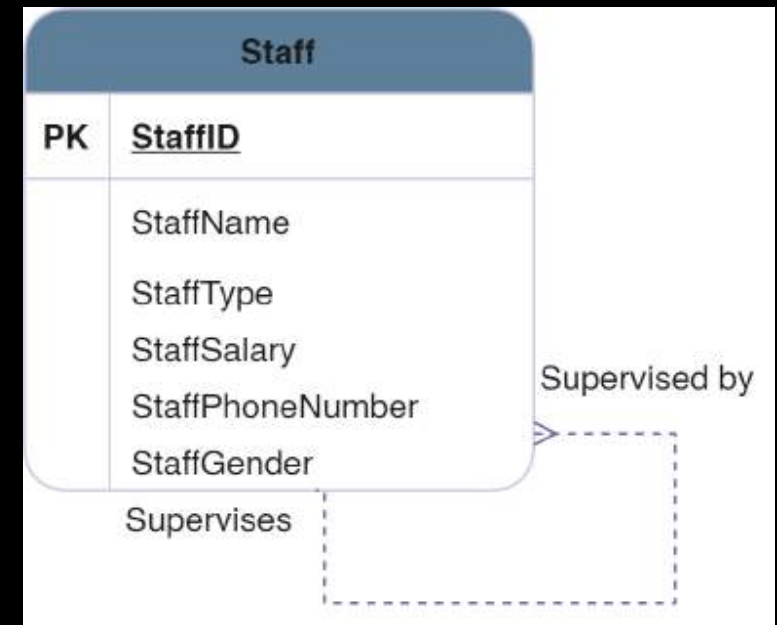
5

ONE-TO-ONE (1..1) RECURSIVE RELATIONSHIP TYPES

CINEMA ABC

Tidak terdapat *one-to-one (1:1)* recursive relationship types pada perancangan sistem basis data sistem manajemen bioskop ini.

Namun Terdapat *one-to-many (1:*)* recursive relationship types



45:09



Logical design





6

SUPERCLASS/SUBCLASS RELATIONSHIP TYPES

CINEMA ABC

Option 3: Mandatory; disjoint

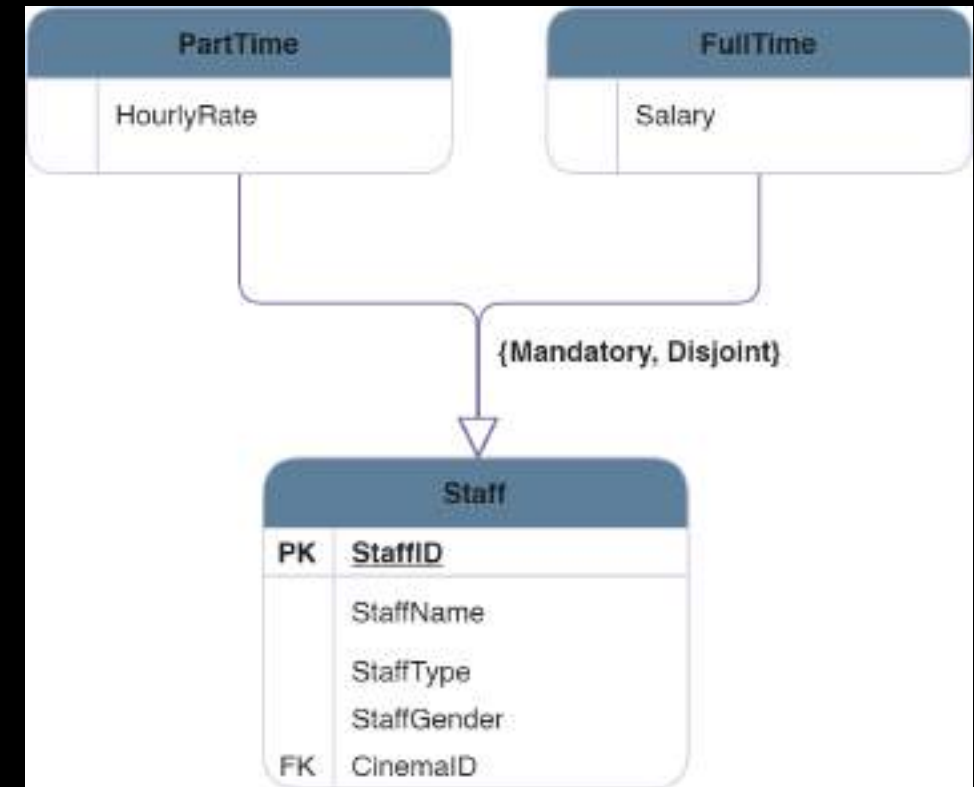
Superclass: Staff; Subclass: PartTime, FullTime

- **PartTime** (StaffID, StaffName, StaffType, StaffPhoneNumber, StaffGender, CinemaID, HourlyRate)
- **FullTime** (StaffID, StaffName, StaffType, StaffPhoneNumber, StaffGender, CinemaID, Salary)

Primary Key: StaffID

- **FullTime** (StaffID, StaffName, StaffType, StaffPhoneNumber, StaffGender, CinemaID, Salary)

Primary Key: StaffID



45:09



Logical design





7

MANY-TO-MANY (*:*) BINARY RELATIONSHIP TYPES

CINEMA ABC

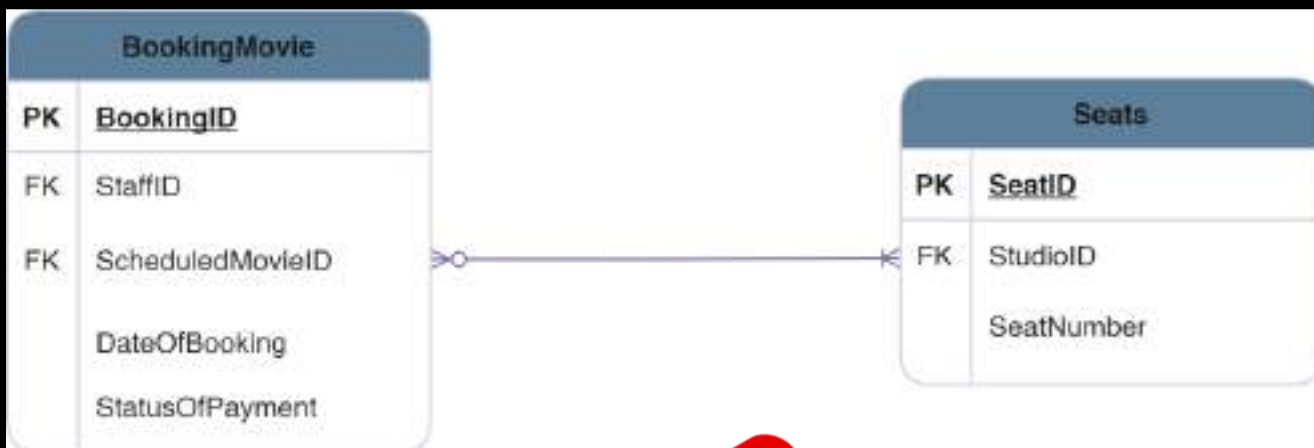
<p><u>Seats</u> (SeatID, StudioID, SeatNumber) PrimaryKey: SeatID ForeignKey StudioID references Studio (StudioID)</p>	<p><u>BookingMovie</u> (BookingID, StaffID, ScheduledMovieID, DateOfBooking, StatusOfPayment) ForeignKey StaffID, ScheduledMovieID references Staff(StaffID), ScheduledMovie (ScheduledMovieID)</p>
<p><u>BookingMovieDetails</u> (BookingID, SeatID) PrimaryKey: BookingID, SeatID ForeignKey: BookingID, SeatID references BookingMovie (BookingID), Seats(SeatID)</p>	



7

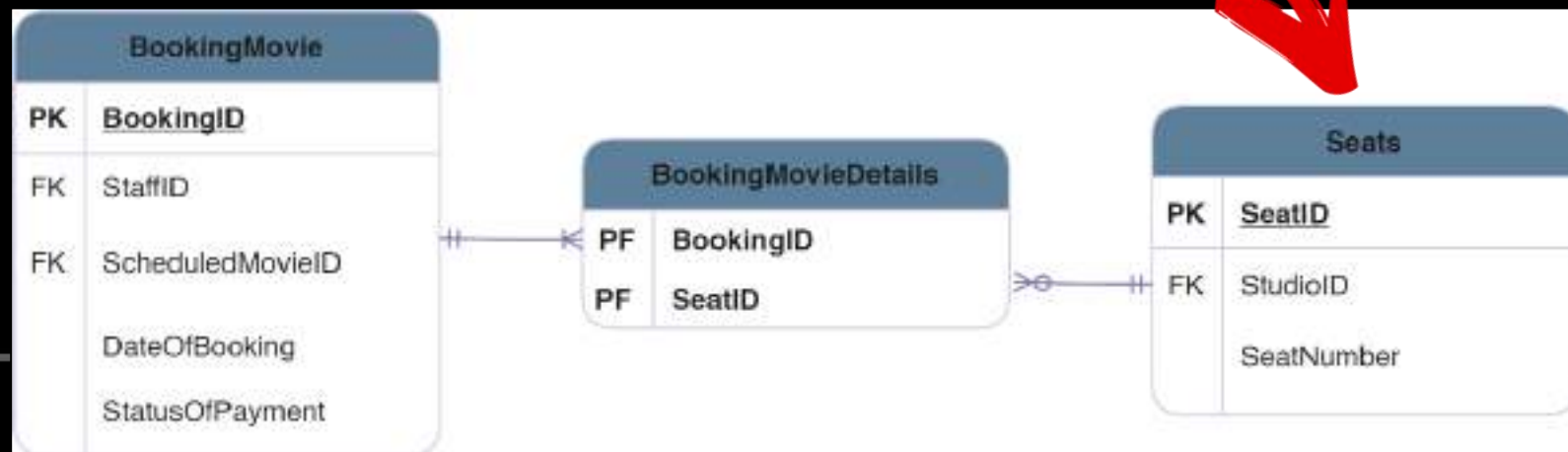
MANY-TO-MANY (*:*) BINARY RELATIONSHIP TYPES

CINEMA ABC



AFTER

BEFORE





8

COMPLEX RELATIONSHIP TYPES

CINEMA ABC

BookingMovie(BookingID, StaffID, ScheduledMovieID, DateOfBooking, StatusOfPayment)

o **Primary Key:** BookingID

o **Foreign Key:** StaffID References Staff(StaffID)

ScheduledMovieID

References

ScheduledMovieID

(ScheduledMovieID)

45:09



9

MULTIVALUED ATTRIBUTE

CINEMA ABC

Atribut *PhoneNumber* pada Staff bisa memiliki banyak nilai, sehingga perlu dibuat menjadi:

Staff (StaffID, StaffName, StaffType, StaffGender, CinemaID (FK))

Primary Key: StaffID

Post StaffID into StaffPhoneNumber

StaffPhoneNumber (PhoneNumber, StaffID)

Primary Key: PhoneNumber

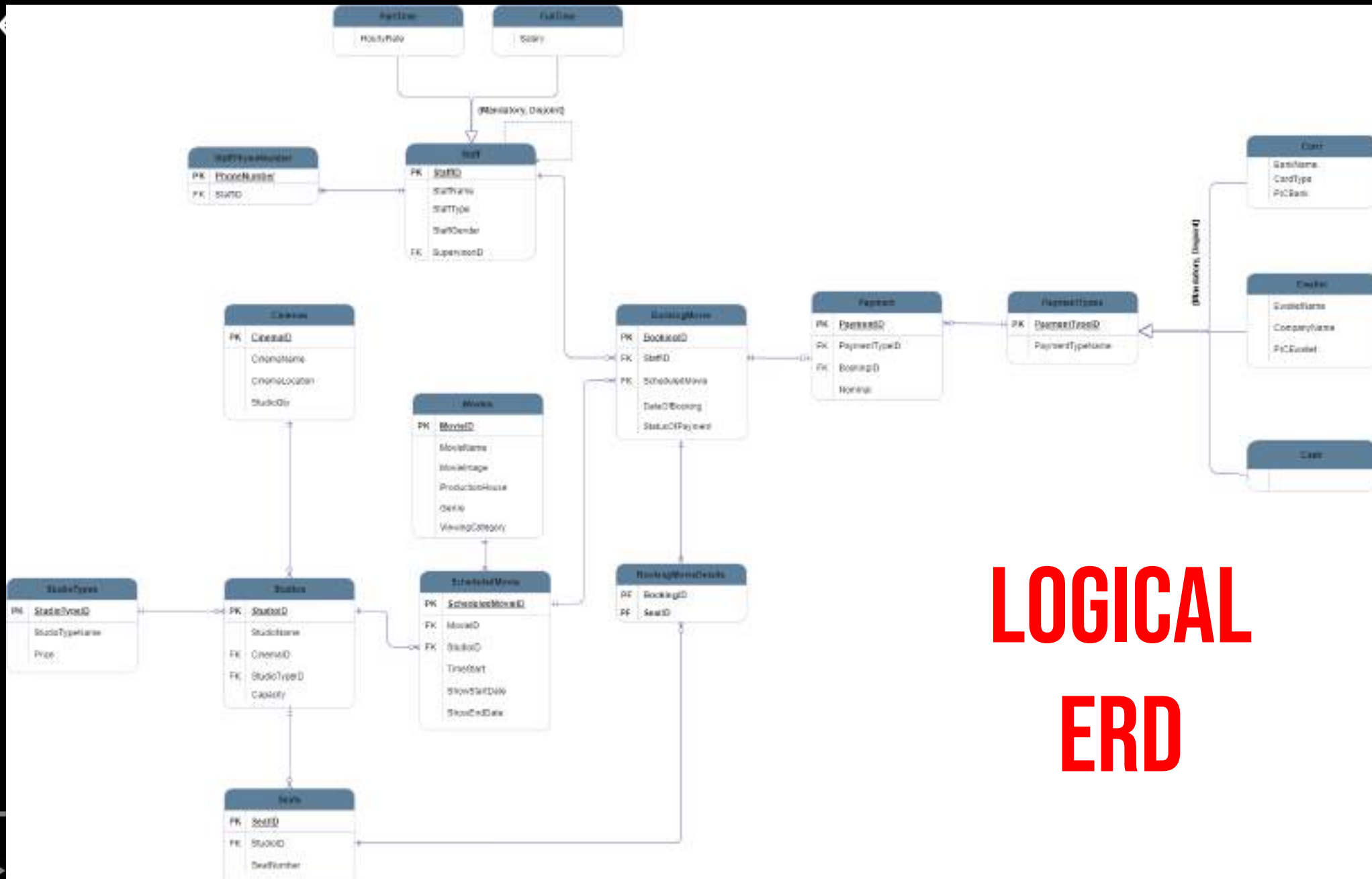
Foreign Key: StaffID references Staff(StaffID)

45:09



Logical design





LOGICAL ERD

NORMALIZATION



1

ENTITY CINEMA

CINEMA ABC

Entity	Normalisasi
Studio	<u>UNF</u> Cinema: <u>CinemaID</u> , CinemaName, CinemaLocation, StudioQty, StudioID, StudioName, Capacity
	<u>1NF</u> Studio: CinemaID, <u>StudioID</u> , StudioName, StudioTypeID, StudioTypeName, Price, Capacity Cinema: <u>CinemaID</u> , CinemaName, CinemaLocation
	<u>2NF</u> CinemaStudio: <u>CinemaID</u> , StudioID Studio: <u>StudioID</u> , StudioName, StudioTypeID, StudioTypeName, Price, Capacity Cinema: <u>CinemaID</u> , CinemaName, CinemaLocation
	<u>3NF</u> CinemaStudio: <u>CinemaID</u> , StudioID Studio: <u>StudioID</u> , StudioName, StudioTypeID, Capacity StudioTypes: <u>StudioTypeID</u> , StudioTypeName, Price Cinema: <u>CinemaID</u> , CinemaName, CinemaLocation, StudioQty



2

ENTITY BOOKINGMOVIE

CINEMA ABC

Entity	Normalisasi
BookingMovie	<p><u>UNF</u></p> <p>BookingMovie: <u>BookingID</u>, StaffID, ScheduledMovieID, DateOfBooking, StatusOfPayment, StaffName, StaffType, StaffGender, MovieID, StudioID, TimeStart, ShowStartDate, ShowEndDate, SeatID, SeatNumber</p> <p><u>1NF</u></p> <p>BookingMovie: <u>BookingID</u>, ScheduledMovieID, DateOfBooking, StatusOfPayment, MovieID, StudioID, TimeStart, ShowStartDate, ShowEndDate, StaffID, StaffName, StaffType, StaffGender</p> <p>BookingMovieDetails: <u>BookingID</u>, <u>SeatID</u>, <u>SeatNumber</u></p>

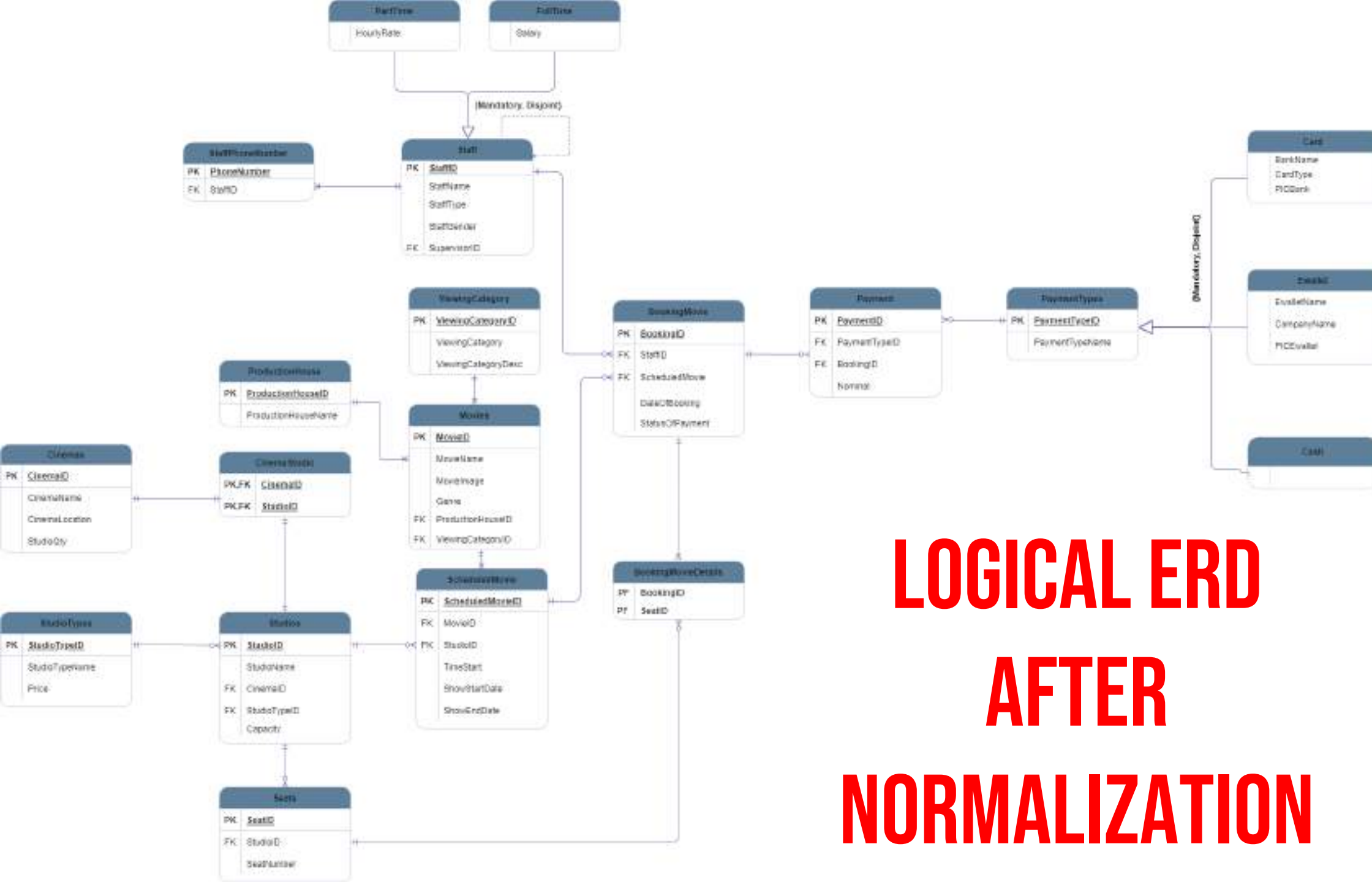


2

ENTITY BOOKINGMOVIE

CINEMA ABC

Entity	Normalisasi
BookingMovie	<p>2NF</p> <p>BookingMovie: <u>BookingID</u>, <u>ScheduledMovieID</u>, DateOfBooking, StatusOfPayment, MovieID, StudioID, TimeStart, ShowStartDate, ShowEndDate, StaffID, StaffName, StaffType, StaffGender</p> <p>BookingMovieDetails: BookingID, SeatID</p> <p>Seat: SeatID, SeatNumber</p> <p>3NF</p> <p>BookingMovie: <u>BookingID</u>, ScheduledMovieID, DateOfBooking, StatusOfPayment, StaffID</p> <p>BookingMovieDetails: BookingID, SeatID</p> <p>Seat: SeatID, SeatNumber</p> <p>Staff: <u>StaffID</u>, StaffName, StaffType, StaffGender</p> <p>ScheduledMovie: ScheduledMovieID, MovieID, StudioID, TimeStart, ShowStartDate, ShowEndDate</p>



**LOGICAL ERD
AFTER
NORMALIZATION**

PHYSICAL DATABASE

DESIGN

STEP 3:

TRANSLATE LOGICAL DATA MODEL FOR TARGET DBMS



1

DESIGN BASE RELATIONS

CINEMA ABC

Table : Cinemas (DBDL for Cinemas Relation)

1. Domain CinemaID CHAR(7); must be in 'CNM[0-9][0-9][0-9][0-9]'
2. Domain CinemaName VARIABLE LENGTH CHARACTER STRING, length 100
3. Domain CinemaLocation VARIABLE LENGTH CHARACTER STRING, length 100
4. Domain StudioQty integer, in the range of 0-15

Cinemas(
CinemaID
CinemaName
CinemaLocation
StudioQty
Primary Key (CinemaID)

CinemaID	CinemaIdentifier	NOT NULL,
CinemaName	CinemaName	NOT NULL,
CinemaLocation	LocationOfCinema	NOT NULL,
StudioQty	NumberOfStudio	NOT NULL,

Primary Key (CinemaID)

)

45:09



Physical design





1

DESIGN BASE RELATIONS

CINEMA ABC

Table : Seats(DBDL for Seats Relation)

1. Domain SeatID CHAR(8); must be in 'SET[A-Z][A-Z][0-9][0-9][0-9]'
2. Domain StudioID CHAR(10); must be in '[A-Z][A-Z][A-Z]STD[0-9][0-9][0-9][0-9]'
3. Domain SeatNumber CHAR(3)

CinemaStudio(

SeatID	SeatIdentifier	NOT NULL,
StudioID	StudioIdentifier	NOT NULL,
SeatNumber	SeatNumber	NOT NULL

PRIMARY KEY (SeatID)

FOREIGN KEY (StudioID) REFERENCES Studio(StudioID) ON UPDATE CASCADE ON DELETE CASCADE

)



Physical design



45:09



2

DESIGN REPRESENTATION OF DERIVED DATA

CINEMA ABC

Staff

StaffID	StaffName	Staff Type	Staff Gender	Supervisor ID	Number ofBooking
STF001	Andrew Duarte	Full-Time	M	STF005	2
STF002	Sulaiman	Full-Time	M	STF005	0
STF003	Britney Spears	Part-Time	F	STF004	1
STF005	Hariyatno	Full-Time	M	STF003	0

BookingMovie

BookingID	StaffID	Scheduled Movie	DateOf Booking	Status OfPayment
BOKA0121	STF001	SCM001	2021-12-12	Success
BOKA0122	STF002	SCM002	2021-12-12	Cancelled
BOKA0123	STF001	SCM002	2021-12-12	Success
BOKA0124	STF003	SCM003	2021-12-12	Success

Derived Attribute: **NumberOfBooking**



2

DESIGN REPRESENTATION OF DERIVED DATA

CINEMA ABC

BookingMovie

BookingID	StaffID	Scheduled Movie	DateOf Booking	Status OfPayment
BOKA0121	STF001	SCM001	2021-12-12	Success
BOKA0122	STF002	SCM002	2021-12-12	Cancelled
BOKA0123	STF001	SCM002	2021-12-12	Success
BOKA0124	STF003	SCM003	2021-12-12	Success

BookingMovieDetail

BookingID	SeatID
BOKA0121	SETAB011
BOKA0121	SETAB012
BOKA0122	SETBB013
BOKA0123	SETBB014
BOKA0123	SETBB015
BOKA0124	SETCB016
BOKA0124	SETCB017
BOKA0124	SETCB018

Derived Attribute: **TotalSeats**





3

DESIGN GENERAL CONSTRAINTS

CINEMA ABC

1. **Atribut CinemaID pada entitas Cinema harus diisi dengan format 'CNM[0-9][0-9][0-9][0-9]'**

```
CONSTRAINT CheckCinemaID CHECK(CinemaID LIKE 'CNM[0-9][0-9][0-9][0-9]')
```

2. **Atribut StudioID pada entitas Studio harus memiliki format '[A-Z][A-Z][A-Z]STD[0-9][0-9][0-9][0-9]'**

```
CONSTRAINT CheckStudioID CHECK(StudioID LIKE '[A-Z][A-Z][A-Z]STD[0-9][0-9][0-9][0-9]')
```

45:09



Physical design





3

DESIGN GENERAL CONSTRAINTS

CINEMA ABC

Satu studio maksimal menayangkan 2 *scheduled* movie

```
CONSTRAINT ShowingMovieInStudio
CHECK (NOT EXISTS (SELECT StudioID
FROM ScheduledMovie sm, Studio s
WHERE sm.StudioID = s.StudioID
GROUP BY StudioID
HAVING COUNT(*) > 2))
```

45:09



Physical design



STEP 4:

DESIGN FILE ORGANIZATIONS AND INDEXES



1

ANALYZE TRANSACTION

CINEMA ABC

(a) Memasukkan dan menampilkan data movie beserta detail movie

(b) Memasukkan dan menampilkan moviescheduled sesuai dengan movie yang tersedia

(c) Menampilkan data staff

(d) Menampilkan dan memasukkan data bookingmovie

Transaction/Relation	(a)				(b)				(c)				(d)			
	I	R	U	D	I	R	U	D	I	R	U	D	I	R	U	D
Cinemas																
Studios														✓		
CinemaStudios																
StudioTypes																
Seats														✓		
Staff									✓	✓	✓			✓		
BookingMovie													✓	✓	✓	
BookingMovieDetails																
Movies	✓	✓	✓			✓										
ProductionHouse		✓														
ViewingCategory		✓														
ScheduledMovie					✓	✓	✓	✓						✓		
Payment																
PaymentTypes																



2

CHOOSE INDEXES

CINEMA ABC

1. CREATE UNIQUE INDEX

CinemaIdx ON Cinema(CinemaID)

2. CREATE UNIQUE INDEX

StudioIdx ON Studio(StudioID)

3. CREATE UNIQUE INDEX

CinemaStudioIdx ON

CinemaStudio(CinemaID, StudioID)

4. CREATE UNIQUE INDEX

StudioTypeIdx ON

StudioTypes(StudioTypeID)

Tabel	Index	Nama Index
Cinema	CinemaID	CinemaIdx
Studio	StudioID	StudioIdx
CinemaStudio	CinemaID, StudioID	CinemaStudioIdx
StudioType	StudioTypeID	StudioTypeIdx

STEP 5:

DESIGN USER VIEW



1

DESIGN USER VIEW

CINEMA ABC

<i>User View</i>	<i>View</i>
Kasir User View	<i>ScheduledMovie View</i> <u>ScheduledMovie</u> ScheduledMovieID TimeStart ShowStartDate ShowEndDate <u>Movies</u> MovieID MovieName <u>Studios</u> StudioID StudioName
	<i>Seat View</i> <u>Seats</u> SeatID SeatNumber <u>Studios</u> StudioID StudioName

STEP 6:

DESIGN SECURITY MECHANISMS



1

DESIGN SECURITY MECHANISMS

CINEMA ABC

Data	Kasir				Bagian Penayangan				Manajer Cabang				Database Administrator			
	I	R	U	D	I	R	U	D	I	R	U	D	I	R	U	D
Staff									X	X	X	X	X	X	X	X
Cinemas									X	X	X	X	X	X	X	X
Studios		X	X						X	X	X	X	X	X	X	X
StudioTypes		X							X	X	X	X	X	X	X	X
Seats		X	X							X			X	X	X	X
Movies		X			X	X	X	X		X			X	X	X	X
ScheduledMovie					X	X	X	X		X			X	X	X	X
BookingMovie	X	X	X							X			X	X	X	X
Payment	X	X								X			X	X	X	X
PaymentTypes		X											X	X	X	X
CinemaStudio		X							X	X	X	X	X	X	X	X
BookingMovieDetails	X	X	X						X	X			X	X	X	X
ProductionHouse					X					X			X	X	X	X
ViewingCategory		X								X			X	X	X	X



USER INTERFACE DESIGN



WELCOME TO CINEMA ABC!

Please kindly login first.

Username:

staff_cinema_abc

Password:

••••••••

Login



Home

New Movie

Movie Schedules

Ticket Sales

Cashier Profile

Cinema Capacity

22 December 2021

Studio 1	67/100
Studio 2	89/100
Studio 3	50/100
Studio 4	100/100
Studio 5	27/30
Studio 6	19/30
Studio 7	16/20



Regular Premiere Platinum

Today's Promo

22 December 2021



Most Used Payment Method

22 December 2021



This Week's Best Selling Movies

16 - 22 December 2021

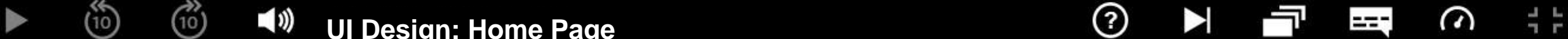
1 Spiderman: No Way Home
2 Shang-Chi and the Legend of...
3 Avengers: Endgame
4 Black Widow
5 Avengers: Infinity War
6 Black Panther
7 Ant-Man and the Wasp
8 Doctor Strange
9 Captain Marvel
10 Iron Man

Closest Schedules

Show All

- STUDIO 1 Avengers: Endgame
13 January 2022
11:40
- STUDIO 3 Shang-Chi and the Legend of...
13 January 2022
12:10
- STUDIO 2 Black Panther
13 January 2022
13:20
- STUDIO 4 Black Widow
13 January 2022
14:40
- STUDIO Spiderman: No Way Home

45:09





Home

New Movie

Movie Schedules

Ticket Sales

Cashier Profile

Add Scheduled Movie

Movie Title

Eternals

Movie Cover



Synopsis

The Eternals, a race of immortal beings with superhuman powers who have secretly lived on Earth for thousands of years, reunite to battle the evil Deviants.

Age Rating

PG-13

Add Movie



UI Design: Add Scheduled Movie



45:09



- Home
- New Booking
- Movie Schedules**
- Ticket Sales
- Cashier Profile



Avengers: Endgame

PG-13

11:45 12:05 13:15 13:25 14:35 15:05

STUDIO
1



Black Panther

PG-13

12:15 12:35 13:00 13:30 14:15 15:20

STUDIO
2



Shang-Chi and the Legend of The Ten Rings

PG-13

11:45 12:05 13:15 13:25 14:35 15:05

STUDIO
3

45:09



Home

New Movie

Movie Schedule

Ticket Sales

Customer Profile

A							A		
B							B		
C								C	
D								D	
E									E
F								F	
G								G	
H									H
I								I	
J								J	

SCREEN

STUDIO
1

REGULAR

Avengers: Endgame

Seats Available

67/100

Ticket Count

2

Total Price

Rp100.000

Submit



UI Design: View Seats



45:09



Home

New Movie

Movie Schedule

Ticket Sales

Cashier Profile

Avengers: Endgame

Date & Time

13/1/2022, 14.35

Tickets Bought

2

Seats Chosen

E7, E8

Change Seats

Payment Method

- E-Wallet
- Credit Card
- Debit Card

Total Price

Rp100.000

Cancel

Confirm



STUDIO

1

REGULAR



UI Design: Payment



45:09



Home



New Movie



Movie Schedules



Ticket Sales



Cashier Profile

View Transactions

Date Filter: 13/1/2022 ▼

Movie: Avengers: Endgame × +

Search by ID: 🔍

No.	Booking ID	Movie Title	Ticket Count	Date	Status	Staff in Charge
1	BOK4829	Avengers: Endgame	2	13/1/2022	Success	Rahmat
2	BOK4818	Avengers: Endgame	4	13/1/2022	Pending	Joni
3	BOK4816	Avengers: Endgame	1	13/1/2022	Cancelled	Desi
4	BOK4807	Avengers: Endgame	3	13/1/2022	Cancelled	Rahmat
5	BOK4806	Avengers: Endgame	2	13/1/2022	Success	Desi
6	BOK4801	Avengers: Endgame	2	13/1/2022	Pending	Kristanto
7	BOK4798	Avengers: Endgame	4	13/1/2022	Success	Joni
8	BOK4795	Avengers: Endgame	1	13/1/2022	Cancelled	Rahmat
9	BOK4794	Avengers: Endgame	3	13/1/2022	Success	Rosl
10	BOK4651	Avengers: Endgame	4	13/1/2022	Success	Kristanto

45:09



UI Design: View Transaction





- Home
- New Movie
- Movie Schedules
- Ticket Sales**
- Cashier Profile

← BOK4829 - Transaction Details

Avengers: Endgame

Booking ID: BOK4829

Studio: 1

Seats Chosen E7, E8

Date of Booking 13/1/2022

Payment Status Success Go-Pay 082126*****



Thank you!
See you on the next course

KELOMPOK J

