

:

Version 1.3

		:	
		:	
:	: PSM	: PSM	
:	:	: 2003/09/22	: 1.3

1. PIM	5
2. PIM	6
2.1	6
2.2	6
2.3	7
2.4	7
2.5	8
2.6	8
2.7	9
2.8 가	10
2.9	10
2.10	10
2.11	11
2.12	11
2.13	11
2.14	12
3. PSM	13
4. PSM	14
4.1 MovieListServlet(Control Servlet)	14
4.2 TicketListServlet(Control Servlet)	14
4.3 MoneyCalcServlet(Control Servlet)	14
4.4 PaymentProcess(Control Servlet)	15
4.5 MakeReservationSBBBean(Service SessionBean)	15
4.6 ReservationMgrSBBBean(Business SessionBean)	15
4.7 MovieMgrSBBBean(Business SessionBean)	16
4.8 PaymentMgrSBBBean(Business SessionBean)	16
4.9 MovieEBBean(EntityBean)	16
4.10 TicketEBBean(EntityBean)	17
4.11 ReservationEBBean(EntityBean)	17
4.12 PaymentEBBean(EntityBean)	18
4.13 ReservedTicketList(Session Domain DTO)	19
4.14 MovieListVO(Custom DTO)	19
4.15 TicketListVO(Custom DTO)	19
4.16 PaymentProcessVO(Custom DTO)	20
4.17 MoneyCalcVO(Custom DTO)	20
4.18 MovieVO(Domain DTO)	20
4.19 TicketVO(Domain DTO)	21
4.20 ReservationVO(Domain DTO)	21
4.21 PaymentProcessVO(Domain DTO)	22
4.22 TicketListVO(Domain DTO)	22
4.23 MoiveListVO(Domain DTO)	22

		:		
		:		
:	:	PSM	:	PSM
:	:		:	2003/09/22
			:	1.3

4.24	PricePolicy(Domain DTO)	23
4.25	ImrDAO	23

		:		
		:		
:	: PSM	:	PSM	
:	:	: 2003/09/22	:	1.3

2. PIM

2.1

1)

2)

()	()		
ReservationNo		String	
pkPaymentNo		String	
pkScheduleNo		String	
SellType		String	
CustName		String	
CustSCNo		String	
CustPhone		String	

3)

Operation	Parameter	Return	
GetReservationList	UserInfo	TicketList	.
GetSeatList		SeatList	가 .
CalcMoney	UserInfo	Money	.
AssignReservation	TicketInfo, UserInfo, PaymentInfo		.
CancelReservation	TicketInfo UserInfo		.

4)

5)

2.2

1)

2)

()	()		
PermitNo		String	
PaymentType		String	()
PaymentDate		Date	
CustName		String	
CustPhone		String	
CustSCNo		String	

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:	: PSM	:	PSM	
:	:	: 2003/09/22	:	1.3

Price		String	
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3)

Operation	Parameter	Return	
SetPayment	PaymentInfo	void	.
ConfirmPayment	PaymentInfo	Boolean	PG .
ConfirmPaymentCancel	PaymentInfo	Boolean	PG ..

4)

5)

2.3

1)

가

2)

()	()		
pkTicketNo		String	
PkSeatNo(FK)		String	
PkPaymentNo(FK)		String	
pkScheduleNo		String	
TicketState		Binary	
ListPrice	가	String	가
SalePrice	가	String	가
Date		String	
Round		String	

3)

Operation	Parameter	Return	
AssignTicket	TicketInfo	Boolean	.

4)

5)

2.4

1)

CRUD

2)

()	()		
pkHallNo		Integer	
HallName		String	
NumberOfSeat		String	

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:	:	PSM	:	PSM
:	:		:	2003/09/22
			:	1.3

SoundSystem		String	
ScreenSize		String	
isUsableHall	가	Boolean	

3)

Operation	Parameter	Return	
GetHallInfo		HallInfo	
AssignHallInfo			
ModifyHallInfo			
DeleteHallInfo			

4)

5)

2.5

1)

CRUD

2)

()	()		
pkSeatNo		Integer	
PkHallNo(FK)		Integer	
IsUsableSeat	가	Boolean	가

3)

Operation	Parameter	Return	
GetSeatInfo	SeatNo	SeatList	
AssignSeatInfo			
ModifySeatInfo	SeatNo		
DeleteSeatInfo	SeatNo		

4)

5)

2.6

1)

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:	:		:	2003/09/22
			:	1.3

CRUD

2)

()	()		
pkMovieNo		Integer	
MovieName		String	
DirectorName		String	
ActorNames		String	
Genre		String	
MovieDesc		String	
Poster		String	
Grade		String	
RunningTime		String	

3)

Operation	Parameter	Return	
GetMovieList		MovieList	
AssignMovie	pkMovieNo		
ModifyMovie	pkMovieNo		
DeleteMovie	pkMovieNo		

4)

5)

2.7

1)

CRUD

2)

()	()		
pkScheduleNo		String	
pkMovieNo(FK)		String	
pkHallNo(FK)		Integer	
Round		String	
RoundTime		Date	
RunningDate		String	

3)

Operation	Parameter	Return	
GetScheduleList		ScheduleList	
AssignSchedule	pkScheduleNo		
ModfiySchedule	pkScheduleNo		
DeleteSchedule	pkScheduleNo		

4)

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:	: PSM	:	PSM	
:	:	: 2003/09/22	:	1.3

5)

2.8 가

1)

2)

()	()		
ListPrice	가	Integer	가
Rate		Float	가
SalePrice	가	Integer	가
ApplyDate		Date	

3)

4)

5)

2.9

1)

2)

3)

Operation	Parameter	Return	
GetMovieList		MovieList	

4)

5)

2.10

1)

2)

3)

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:	:	: 2003/09/22	:	1.3

Operation	Parameter	Return	
GetSeatList	pkMovieNo pkHallNo	SeatList	가 가 .

4)

5)

2.11

1)

2)

3)

Operation	Parameter	Return	
AssignPayment	PaymentInfo		

4)

5)

2.12

1)

2)

3)

Operation	Parameter	Return	
RequestMovieListForm()			

4)

5)

2.13

1)

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3)

Operation	Parameter	Return	
RequestSeatListForm	pkMovieNo		

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		:		
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	pkHallNo		.
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2.14

1)

2)

3)

Operation	Parameter	Return	
RequestPaymentForm	ReserveNo		.

4)

5)

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4. PSM

4.1 MovieListServlet(Control Servlet)

1)

UI JSP UI .

2)

3)

Operation	Parameter	Return	
PerformTask		MovieList	Movie .

4)

5)

4.2 TicketListServlet(Control Servlet)

1)

UI JSP UI .

2)

3)

Operation	Parameter	Return	
performTask		TicketList	Ticket .

4)

5)

4.3 MoneyCalcServlet(Control Servlet)

1)

UI JSP UI .

2)

3)

Operation	Parameter	Return	
PerFormTask	Adults, Kids, Discount	Money	.

4)

5)

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:	:		:	2003/09/22
			:	1.3

4.4 PaymentProcess(Control Servlet)

1)

UI JSP UI

2)

3)

Operation	Parameter	Return	
PerformTask			.

4)

5)

4.5 MakeReservationSBBean(Service SessionBean)

1)

Façade EJB Session Bean

2)

3)

Operation	Parameter	Return	
GetMovieList	RunningDate	MovieListVO	가 .
GetTicketList	ScheduleNo	TicketListVO	가 .
CalcMoney	SeatList Adults Kids	MoneyVO	.
processPayment	PaymentInfo		.

4)

5)

4.6 ReservationMgrSBBean(Business SessionBean)

1)

EJB SessionBean

2)

3)

Operation	Parameter	Return	
GetReservationList		TicketList	가 .
GetTicketList		TicketList	가 .
CalcMoney	Adults(),	Int	

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:	:		: 2003/09/22	: 1.3

	Kids(Discount())		
AssignReservation	ReservationInfo	Boolean	
CancelReservation	ReservationNo	Boolean	

4)

5)

4.7 MovieMgrSBBean(Business SessionBean)

1)

EJB SessionBean .

2)

3)

Operation	Parameter	Return	
GetMovieList		MovieListVO	가 .
GetMoiveInfo		MovieVO	가 .

4)

5)

4.8 PaymentMgrSBBean(Business SessionBean)

1)

EJB Session Bean .

2)

3)

Operation	Parameter	Return	
ConfirmPayment	PaymentInfo	Int	.
ConfirmPaymentCancel	PermitNo	Boolean	.

4)

5)

4.9 MovieEBBean(EntityBean)

1)

Entity .

2)

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:	:	: 2003/09/22	:	1.3

()	()		
MovieNo		Int	
MovieName		String	
RunningTime		Int	
Grade		String	
Genre		String	
MovieDesc		String	
Poster		String	
ActorNames		String	
DirectorName		String	

3)

4)

5)

4.10 TicketEBBean(EntityBean)

1)

Entity .

2)

()	()		
TicketNo		Int	
SeatNo		Int	
PaymentNo		Int	
TicketState		Int	
listPrice	가	Int	가
sellPrice	가	Int	가

3)

* TicketInfo Operation .

Operation	Parameter	Return	
GetTicketInfo	TicketNo	TicketInfo	가 .
SetTicketInfo		Void	.

4)

5)

4.11 ReservationEBBean(EntityBean)

1)

		:		
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:	:	: 2003/09/22	:	1.3

Entity .

2)

()	()		
ReservationNo		Int	
CustPhone		String	
CustSCNo		String	
CustName		String	

3)

*

ReservationInfo

Operation

.

Operation	Parameter	Return	
SetReservationInfo	ReservationInfo		.
GetReservationInfo	CustSCNo CustName		.

4)

5)

4.12 PaymentEBBean(EntityBean)

1)

Entity .

2)

()	()		
PaymentNo		Int	
reservationNo		Int	
PaymentType		Int	
PaymentState		Int	
PermitNo		String	
Price	가	Int	
CustName		String	
CustPhone		String	
CustSCNo		String	
PaymentDate		Date	

3)

*

PaymentInfo

Operation

.

Operation	Parameter	Return	
SetPaymentInfo	PaymentInfo		.
GetPaymentInfo		PaymentInfo	.

4)

5)

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:	:		:	2003/09/22
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4.13 ReservedTicketList(Session Domain DTO)

1)

Domain DTO .

2)

()	()		
CustPhone		String	
CustSCNo		String	
CustName		String	
TicketState		Int	

3)

4)

5)

4.14 MovieListVO(Custom DTO)

1)

Value Object .

2)

()	()		
MovieName		String	
RunningTime		Int	
Grade		String	
MovieDesc		String	
Actors		String	

3)

4)

5)

4.15 TicketListVO(Custom DTO)

1)

Value Object .

2)

()	()		
TicketState			

3)

4)

5)

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:	:	: 2003/09/22	: 1.3

4.16 PaymentProcessVO(Custom DTO)

1)

Value Object .

2)

()	()		
PaymentNo			
PermitNo			
Price			
PaymentType			

3)

4)

5)

4.17 MoneyCalcVO(Custom DTO)

1)

Value Object .

2)

()	()		
Price		Int	

3)

4)

5)

4.18 MovieVO(Domain DTO)

1)

Value Object .

2)

()	()		
MovieNo		Int	
MovieName		String	
RunningTime		Int	
Grade		String	
Poster		String	
Genre		String	
MovieDesc		String	
ActorsName		String	

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:	: PSM	:	PSM	
:	:	: 2003/09/22	:	1.3

DirectorName		String	
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3)

4)

5)

4.19 TicketVO(Domain DTO)

1)

Value Object .

2)

()	()		
TicketNo		Int	
SeatNo		Int	
PaymentNo		Int	
TicketState		Int	
ListPrice	가	Int	가
SellPrice	가	Int	가

3)

4)

5)

4.20 ReservationVO(Domain DTO)

1)

Value Object .

2)

()	()		
ReservationNo		Integer	
CustPhone		String	
CustSCNo		String	
CustName		String	

3)

4)

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:	:	PSM	:	PSM
:	:		: 2003/09/22	: 1.3

4.21 PaymentProcessVO(Domain DTO)

1)

Value Object .

2)

()	()		
PaymentNo		Int	
ReservationNo		Int	
PaymentType		Int	
PaymentState		Int	
PermitNo		String	
Price		Int	
CustName		String	
CustPhone		String	
CustSCNo		String	
PaymentDate		Datetime	

3)

4)

5)

4.22 TicketListVO(Domain DTO)

1)

Serialize Value Object .

2)

3)

4)

5)

4.23 MoiveListVO(Domain DTO)

1)

Serialize Value Object .

2)

3)

4)

5)

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:	:		: 2003/09/22	: 1.3

4.24 PricePolicy(Domain DTO)

- 1) 가 Serialize Value Object .
- 2)
- 3)
- 4)
- 5)

4.25 ImrDAO

- 1)
- 2)
- 3)

Operation	Parameter	Return	
GetTicketList		TicketList	가 .
GetMovieList		MovieList	가 .
GetPriceList		PricePolicy	가 가 .

- 4)
- 5)