Technical Specifications
Web Service API Paycube - KAI

FOR FUNCTION

Release 11.0

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PayCUBE

Contents

INTRODUCTION

1. Before using this web service, make sure your IP Address has been registered and received Requester ID from Paycube team.
2. URL web service development paycube is http://182.23.42.196:4000
3. Input and output data on this web service will use json format (http://www.json.org)
4. Data type date format is yyyymmdd
5. Data type time format is hhmm
6. All parameters on this document is case sensitive
7. USER AGENT for client to access webservice is Paycube-B2B (case sensitive)

PRIMARY PARAMETER

Field	Data Type	Mandatory	Description
Rqid	String	YES	Requester ID, from paycube
Vmid	String	YES	Vending Machine id
App	String	YES	Accessed module
Action	String	YES	Action from related module.

INFORMATION MODULE:: GET_SCHEDULE_ONLY

IN Parameter:

Field	Data Type	Mandatory	Description
Rqid	String	YES	
Vmid	String	YES	Vending Machine id
App	String	YES	Information
Action	String	YES	get_schedule_only
Org	String	YES	Origination Code. Departure Station
Des	String	YES	Destination Code. Arrival Station
dep_date	Date	YES	Departure Date

OUT Parameter:

Field	Data Type	Description
Org	String	Origination Code. Departure Station
Des	String	Origination Destination. Arrival Station
dep_date	Date	Departure Date
Schedule	Array2D	[train_no, train_name, dep_date, arv_date, dep_time, arv_time, [subclass]]
Subclass	Array2D	[[subclass, class, avb, adult_fare, child_fare, infant_fare]]

Example:
http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid=600600040000000&app=information&action=get_schedule_only&org=BD&des=GMR&dep_date=20130823

Result:
```
{
    "err_code": 0,
    "org": "BD",
    "des": "GMR",
    "dep_date": "20130823",
    "schedule": [
        ["SQV2", "ARGO GIDIG", "20130823", "20130823", "1730", "1740", [
            ["A", "E", 60, 141000, 97000, 11000],
            ["B", "B", 70, 0, 87000, 0],
            ["C", "K", 70, 76500, 66500, 0]
        ]]
    ]
}
```

TRANSACTION MODULE:: BOOKING_WITH_ARV_INFO

IN Parameter:

Field	Data Type	Mandatory	Description
Rqid	String	YES	
Vmid	String	YES	Vending Machine id
App	String	YES	Transaction
Action	String	YES	booking_with_arv_info
Org	String	YES	Origination Code. Departure Station
Des	String	YES	Origination Destination. Arrival Station
dep_date	Date	YES	Departure Date
train_no	String(8)	YES	Train Number
num_pax_adult	Number	NO	Total adult passenger (booking is accepted if there is at least one adult or one child)
num_pax_child	Number	NO	Total of children passengers (booking is accepted if there is at least one adult or one child) . child passenger is aged 3 - < 10 years.
Subclass	String(1)	YES	Chosen Subclass of Train
Caller	String(30)	YES	Telephone number of passengers who can be contacted
Email	String(50)	YES	Caller email
adult_name_{}	String(25)	YES	Mandatory if num_pax_adult > 0. Adult passenger name corresponding with serial numbers. adult_name_1for first adult passenger name. adult_name_2for second adult passenger name. etc
adult_birthdate_{}	Date	NO	Adult passenger birthdates corresponding serial numbers.adult_birthdate_1birth date of first adult passenger. adult_birthdate_2birth date of second adult passenger. etc
adult_mobile_{}	String(30)	YES	Mobile phone of adult passenger corresponding serial numbers. adult_mobile_1for first adult passenger mobile phone. adult_mobile_2for second adult passenger mobile phone. Etc
adult_id_no_{}	String(20)	YES	Mandatory if num_pax_adult > 0.adult passenger ID card (KTP/SIM/Passport) corresponding serial numbers. adult_id_no_1for first adult passenger ID card. adult_id_no_2for second adult passenger ID card. etc
is_member_{}	Char	NO	Markers whether the passenger is a member of Loyalty

			Program. Y to check as member, N for booking without checking. Corresponding with the serial number of adult passengers.
child_name_{}	String(25)	YES	Mandatory ifnum_pax_child> 0. Child passenger name corresponding with serial numbers. child_name_1 for first child passenger name. child_name_2 for second child passenger name. etc
child_birthdate_{}	Date	NO	Child passenger birthdates corresponding serial numbers. child_birthdate_1 birth date of first child passenger. child_birthdate_2 birth date of second child passenger. Etc
infant_name_{}	String(25)	YES	Mandatory ifnum_pax_child> 0. Infant passenger name corresponding with serial numbers. infant _name_1 for first infant passenger name. infant _name_2 for second infant passenger name. etc
infant_birthdate_{}	Date	NO	Infant passenger birthdates corresponding serial numbers. infant _birthdate_1 birth date of first infant passenger. infant _birthdate_2 birth date of second infant passenger. Etc

OUT Parameter:

Field	Data Type	Description
Org	String	Origination Code. Departure Station
Des	String	Destination Code. Arrival Station
dep_date	Date	Departure Date
arv_date	Date	Arrival Date
dep_time	String	Departure Time
arv_time	String	Arrival Time
train_no	String	Train Number
book_code	String	Booking Code. Generated by the system if the booking transaction is successful
num_code	String	Numerik Code
pax_num	Array	Total of adult passengers , Total child passenger numbers , Total of passengers baby
pax_name	Array	The names of the passengers in the order
Seat	Array2D	[[seat]]
[seat]	Array	[Kode Wagon, Wagon No, Seat Row, Seat Col]

normal_sales	Number	Normal price amount
extra_fee	Number	Extra Fee
book_balance	Number	Balance / outstanding of the relevant booking code
Discount	Number	The amount of discounts obtained

Example:

http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid= 600600040000000&app=transaction&action=booking_with_arv_info&train_no=1331&org=GMR&des =BD&dep_date=20140626&subclass=A&num_pax_adult=1&num_pax_child=0&num_pax_infant=0&a dult_name_3=TESTES&adult_id_no_3=08989&adult_name_2=TES&adult_id_no_2=0898989&adult_ name_1=ivhan&adult_birthdate_1=19900302&adult_mobile_1=0815123456&adult_id_no_1=U77783 &child_name_1=ronny&child_birthdate_1=20100606&caller=089899&email=jonie@yahoo.com&infan t_name_1=infnt&is_member_1=N

Result:
```
{
    "err_code": 0,
    "org": "GMR",
    "des": "BD",
    "dep_date": "20140626",
    "arv_date": "20140626",
    "dep_time": "0700",
    "arv_time": "1000",
    "train_no": "1331",
    "book_code": "TGU525",
    "num_code": "3785105909800",
    "pax_num": [1, 0, 0], "pax_name":
    ["IVHAN"], "seat": [
        ["KERETA_EKS", "1", "1", "D"]
    ],
    "normal_sales": 84000,
    "extra_fee": 10000,
    "book_balance": 93000,
    "discount": -1000
}
```

TRANSACTION MODULE :: GENERATE_VA

IN Parameter :

Field	Data Type	Mandatory	Description
Rqid	String	YES	
Vmid	String	YES	Vending Machine id
App	String	YES	Transaction
Action	String	YES	generate_va
book_code	String	YES	Booking Code

OUT Parameter :

Field	Data Type	Description
book_code	String	Booking Code
virtual_account	Number	Virtual account

Example: http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid=
600600040000000&app=transaction&action=generate_va&book_code=TGU525

Result:
```
{
     "err_code": 0,
     "book_code": "TGU525",
     "virtual_account": 8781000000000006
}
```

TRANSACTION MODULE :: CONFIRM_PAYMENT_STATUS

IN Parameter :

Field	Data Type	Mandatory	Description
Rqid	String	YES	
Vmid	String	YES	Vending Machine id
App	String	YES	Transaction
Action	String	YES	confirm_payment_status
book_code	String	YES	Booking Code
virtual_account	Number	YES	Virtual account

OUT Parameter :

Field	Data Type	Description
book_code	String	Booking Code
virtual_account	Number	Virtual account
Status	String	Confirm payment status. - 63 = Confirm payment not yet received, vm should repeat until max retry reach (24 times, for every 5 seconds). - 00 = Confirm Payment Status success, vm should stop retry and print ticket.

Example: http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid=600600040000000&app=transaction&action=confirm_payment_status&book_code=TGU525&virtual_account=8781000000000006

Result:
```
{
    "err_code": 0,
    "book_code": "TGU525",
    "virtual_account": 8781000000000006,
    "status": "00"
}
```

TRANSACTION MODULE :: CANCEL_BOOK

IN Parameter :

Field	Data Type	Mandatory	Description
rqid	String	YES	
vmid	String	YES	Vending Machine id
app	String	YES	Transaction
action	String	YES	cancel_book
book_code	String	YES	Booking Code
cancel_reason	String	YES	Cancel Reason

OUT Parameter :

Field	Data Type	Description
book_code	String	Booking Code
status	String	Booking Code status. XX means that Booking Codealready cancelled.
refund_amount	Number	Total refund amount to passenger

Example:

http://182.23.42.196:4000/?rqid=PAYCUBE-KAI
&vmid=600600040000000&app=transaction&action=cancel_book&book_code=A1B2C3&cancel_reas
on=tes

Result:
```
{
        "err_code": 0,
        "book_code": "4PKL55",
        "status": "XX",
        "refund": 32000
}
```

TRANSACTION MODULE :: PRINT_TICKET

IN Parameter :

Field	Data Type	Mandatory	Description
rqid	String	YES	
vmid	String	YES	Vending Machine id
app	String	YES	Transaction
action	String	YES	print_ticket
book_code	String	YES	Booking Code

OUT Parameter :

Field	Data Type	Description
err_code	String	Error code
message	String	Error message description
book_code	String	Booking Code from KAI
org	String	Origination Code. Departure Station
des	String	Destination Code. Arrival Station
datetime	Datetime	Datetime of transaction

Example: http://182.23.42.196:4000/? rqid=PAYCUBE-KAI&vmid=
600600040000000&app=transaction&action=print_ticket&book_code=4PKL55

Result:
```
{
    "err_code":"0",
    "message":"Success",
    "book_code":"4PKL55",
    "org": "GMR",
    "des": "BD",
    "datetime":"2015-09-25 05:32:22.092"
}
```

TRANSACTION MODULE :: MANUAL_SEAT

IN Parameter :

Field	Data Type	Mandatory	Description
rqid	String	YES	
vmid	String	YES	Vending Machine id
app	String	YES	Transaction
action	String	YES	manual_seat
book_code	String	YES	Booking Code
wagon_code	String	YES	Wagon Code
wagon_no	Number	YES	Wagon Number Using the comma separator according number of pax.and number of wagon that pax selected Example: • if all pax select seat in the same wagon no =1 ==> then wagon_no=1 • if total pax = 2 ==> – pax 1 select seat in the wagon no = 1 – pax 2 select seat in the wagon no = 2 then wagon_no=1,2 • if total pax = 3 ==> – Pax 1 & 2 select seat in the wagon no = 1 – pax 3 select seat in the wagon no = 3 then wagon_no=1,1,3 • if total pax = 4 ==> – Pax 1 & 2 select seat in the wagon no = 2 – pax 3 & 4 select seat in the wagon no = 4 then wagon_no=2,2,4,4
seat	String	YES	Seat chosen. Using the comma separator according number of pax . Example for 3 pax : 3A , 3B , 3C

Parameter OUT :

Field	Data Type	Description
book_code	String	Booking Code
wagon_code	String	Wagon Code
wagon_no	Number	Wagon Number

seat	Array	Seat chosen. Using the comma separator according number of pax . Example for 3 pax : 3A , 3B , 3C

Example:

➢ **all pax select seat in the same wagon no = 1**

http://182.23.42.196:4000/? rqid=PAYCUBE-KAI&vmid= 600600040000000&app=transaction&action=manual_seat&book_code=A1B2C3&wagon_code=EKSI &wagon_no=1&seat=3A,3C

Result:
```
{
        "err_code": 0,
        "book_code": "UBGF53",
        "wagon_code": "EKSI,
        "wagon_no": 1,
        "seat": ["3A","3C"]
}
```

➢ **total pax = 2**
    − pax 1 select seat=3A in the wagon no = 1
    − pax 2 select seat=3C in the wagon no = 2

http://182.23.42.196:4000/? rqid=PAYCUBE-KAI&vmid= 600600040000000&app=transaction&action=manual_seat&book_code=A1B2C3&wagon_code=EKSI &wagon_no=1,2&seat=3A,3C

Result:
```
{
        "err_code": 0,
        "book_code": "UBGF53",
        "wagon_code": "EKSI,
        "wagon_no": 1,2
        "seat": ["3A","3C"]
}
```

➢ **total pax = 3**
    − pax 1 & 2 select seat=3A,3C in the wagon no = 1
    − pax 3 select seat=4A in the wagon no = 4

http://182.23.42.196:4000/? rqid=PAYCUBE-KAI&vmid= 600600040000000&app=transaction&action=manual_seat&book_code=A1B2C3&wagon_code=EKSI

&wagon_no=1,1,4&seat=3A,3C,4A

Result:
```
{
        "err_code": 0,
        "book_code": "UBGF53",
        "wagon_code": "EKSI,
        "wagon_no": 1,1,4
        "seat": ["3A","3C","4A"]
}
```

➢ **total pax = 4**
  – pax 1 & 2 select seat=3A,3C in the wagon no = 1
  – pax 3 & 4 select seat=4A,4B in the wagon no = 4

http://182.23.42.196:4000/? rqid=PAYCUBE-KAI&vmid=
600600040000000&app=transaction&action=manual_seat&book_code=A1B2C3&wagon_code=EKSI
&wagon_no=1,1,4,4&seat=3A,3C,4A,4B

Result:
```
{
        "err_code": 0,
        "book_code": "UBGF53",
        "wagon_code": "EKSI,
        "wagon_no": 1,1,4,4
        "seat": ["3A","3C","4A","4B"]
}
```

DATA MODULE :: GET_ORG

Parameter IN :

Field	Data Type	Mandatory	Description
rqid	String	YES	
vmid	String	YES	Vending Machine id
app	String	YES	Data
action	String	YES	get_org

Parameter OUT :

Field	Data Type	Description
origination	Array2D	[[station]]
[stasiun]	Array	[Station Code, Station Name]

Example:

http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid=
600600040000000&app=data&action=get_org

Result :
{
    "err_code": 0,
    "origination":[["BBN","BRAMBANAN"],["BD","BANDUNG"],["BJR","BANJAR"],
    ["CKP","CIKAMPEK"],["CN","CIREBON"],["CPD","CIPENDEUY"]]

}

DATA MODULE :: GET_DES

Parameter IN :

Field	Data Type	Mandatory	Description
rqid	String	YES	
vmid	String	YES	Vending Machine id
app	String	YES	Data
action	String	YES	get_des

Parameter OUT :

Field	Data Type	Description
destination	Array2D	[[station]]
[stasiun]	Array	[Station Code, Station Name]

Example :

http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid=
600600040000000&app=data&action=get_des

Result :
{
    "err_code": 0,
    "destination":[["BBN","BRAMBANAN"],["BD","BANDUNG"],["BJR","BANJAR"],
    ["CKP","CIKAMPEK"],["CN","CIREBON"],["CPD","CIPENDEUY"]]

}

INFORMATION MODULE :: GET_SEAT_MAP_PER_SUBCLASS

Parameter IN :

Field	Data Type	Mandatory	Description
Rqid	String	YES	
Vmid	String	YES	Vending Machine id
App	String	YES	Information
Action	String	YES	get_seat_map_per_subclass
Org	String	YES	Origination Code. Departure Station
Des	String	YES	Destination Code. Arrival Station
train_no	Number	YES	Train Number
dep_date	Date	YES	Departure Date
subclass	String	YES	Subclass

Parameter OUT :

Field	Data Type	Description
Org	String	Origination Code. Departure Station
Des	String	Destination Code. Arrival Station
train_no	String	Train Number
dep_date	Date	Departure Date
seat_map	Array2D	[Wagon Code, Wagon Number, [seat]]
[seat]	Array	[row, column, seat row, seat column, subclass, status(0 : available seat,1 : not available seat)]

Example :

http://182.23.42.196:4000/?rqid=PAYCUBE-
KAI&vmid=FNF745001&app=information&&action=get_seat_map_per_subclass&org=GMR&des
=BD&train_no=11G&dep_date=20170810&subclass=C

Result :

```
{
    "err_code": 0,
    "org": "GMR",
    "des": "BD",
    "train_no": "11G",
    "dep_date": "20170810",
    "seat_map":
```
[["EKON",1,[[1,1,1,"A","C",1],[1,2,1,"B","C",0],[2,1,2,"A","C",1],[2,2,2,"B","C",0],[3,1,3,"A","C",0],[3,2,3,"B","C",0],[3,5,3,"D","C",0],[3,6,3,"E","C",0],[4,1,4,"A","C",0],[4,2,4,"B","C",0],[4,4,4,"C","C",1],[4,5,4,"D","C",0],[4,6,4,"E","C",1],[5,1,5,"A","C",0],[5,2,5,"B","C",0],[5,4,5,"C","C",1],[5,5,5,"D","C",0],[5,6,5,"E","C",1],[6,1,6,"A","C",0],[6,2,6,"B","C",0],[6,4,6,"C","C",0],[6,5,6,"D","C",0],[6,6,6,"E","C",0],[7,1,7,"A","C",0],[7,2,7,"B","C",0],[7,4,7,"C","C",0],[7,5,7,"D","C",0],[7,6,7,"E","C",0],[8,1,8,"A","C",0],[8,2,8,"B","C",0],[8,4,8,"C","C",0],[8,5,8,"D","C",0],[8,6,8,"E","C",0],[9,1,9,"A","C",0],[9,2,9,"B","C",0],[9,4,9,"C","C",0],[9,5,9,"D","C",0],[9,6,9,"E","C",0],[10,1,10,"A","C",0],[10,2,10,"B","C",0],[10,4,10,"C","C",0],[10,5,10,"D","C",0],[10,6,10,"E","C",0],[11,1,11,"A","C",0],[11,2,11,"B","C",0],[11,4,11,"C","C",0],[11,5,11,"D","C",0],[11,6,11,"E","C",0],[12,1,12,"A","C",0],[12,2,12,"B","C",0],[12,4,12,"C","C",0],[12,5,12,"D","C",0],[12,6,12,"E","C",0],[13,1,13,"A","C",0],[13,2,13,"B","C",0],[13,4,13,"C","C",0],[13,5,13,"D","C",0],[13,6,13,"E","C",0],[14,1,14,"A","C",0],[14,2,14,"B","C",0],[14,4,14,"C","C",0],[14,5,14,"D","C",0],[14,6,14,"E","C",0],[15,1,15,"A","C",0],[15,2,15,"B","C",0],[15,4,15,"C","C",0],[15,5,15,"D","C",0],[15,6,15,"E","C",0],[16,1,16,"A","C",0],[16,2,16,"B","C",0],[16,4,16,"C","C",0],[16,5,16,"D","C",0],[16,6,16,"E","C",0],[17,1,17,"A","C",0],[17,2,17,"B","C",0],[17,4,17,"C","C",0],[17,5,17,"D","C",0],[17,6,17,"E","C",0],[18,1,18,"A","C",0],[18,2,18,"B","C",0],[18,4,18,"C","C",0],[18,5,18,"D","C",0],[18,6,18,"E","C",0],[19,1,19,"A","C",0],[19,2,19,"B","C",0],[19,4,19,"C","C",0],[19,5,19,"D","C",0],[19,6,19,"E","C",0],[20,1,20,"A","C",0],[20,2,20,"B","C",0],[20,4,20,"C","C",0],[20,5,20,"D","C",0],[20,6,20,"E","C",0],[21,1,21,"A","C",0],[21,2,21,"B","C",0],[21,4,21,"C","C",0],[21,5,21,"D","C",0],[21,6,21,"E","C",0],[22,1,22,"A","C",0],[22,2,22,"B","C",0],[22,5,22,"D","C",0],[22,6,22,"E","C",0],[23,5,23,"D","C",1],[23,6,23,"E","C",1],[24,5,24,"D","C",1],[24,6,24,"E","C",1]]]]
```
}
```

INFORMATION MODULE :: GET_SEAT_NULL_PER_SUBCLASS

Parameter IN :

Field	Data Type	Mandatory	Description
Rqid	String	YES	
Vmid	String	YES	Vending Machine id
App	String	YES	Information
Action	String	YES	get_seat_null_per_subclass
Org	String	YES	Origination Code. Departure Station
Des	String	YES	Destination Code. Arrival Station
train_no	Number	YES	Train Number
dep_date	Date	YES	Departure Date
subclass	String	YES	Subclass

Parameter OUT :

Field	Data Type	Description
Org	String	Origination Code. Departure Station
Des	String	Destination Code. Arrival Station
train_no	String	Train Number
dep_date	Date	Departure Date
seat_map	Array2D	[Wagon Code, Wagon Number, [seat]]
[seat]	Array	[seat row, seat column, subclass, status(0 : available seat, 1 : not available)]

Example :

http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid=
600600040000000&app=information&action=get_seat_null_per_subclass&org=BD&des=GMR&train_no=11&dep_date=20110607&subclass=A

Result :

{

    "err_code": 0,
    "org": "BD",
    "des": "GMR",
    "train_no": "11",
    "dep_date": "20110607",
    "seat_map":[["EKSI",1,[[1,"A","A",1],[1,"B","A",1],[1,"C","A",1],[1,"D","A",0]]],["EKSI",2,[[1

,"A","A",0] ,[1,"B","A",0],[1,"C","A",0],[1,"D","A",1]]]]

}

INFORMATION MODULE :: GET_SEAT_NULL

Parameter IN :

Field	Data Type	Mandatory	Description
Rqid	String	YES	
Vmid	String	YES	Vending Machine id
App	String	YES	information
Action	String	YES	get_seat_null
Org	String	YES	Origination Code. Departure Station
Des	String	YES	Destination Code. Arrival Station
train_no	Number	YES	Train Number
dep_date	Date	YES	Departure Date

Parameter OUT :

Field	Data Type	Description
Org	String	Origination Code. Departure Station
Des	String	Destination Code. Arrival Station
train_no	String	Train Number
dep_date	Date	Departure Date
seat_map	Array2D	[Wagon Code, Wagon Number, [seat]]
[seat]	Array	[seat row, seat column, subclass, status(0 : available seat, 1 : not available)]

Example :

http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid=FNF745001&app=information&&action=get_seat_null&org=GMR&des=BD&train_no=11G&dep_date=20170810

Result :

{
        "err_code": 0,
        "org": "GMR",
        "des": "BD",
        "train_no": "11G",
        "dep_date": "20170810",
        "seat_null":
        [
        ["BISBIS",1,[[1,"A","B",1],[1,"B","B",1],[1,"C","B",1],[1,"D","B",0],[2,"A","B",0],[2,"B","B",1],[2,"C","B",1],[2,"D","B",1],[3,"A","B",1],[3,"B","B",1],[3,"C","B",1],[3,"D","B",1],[4,"A","B",1],[4,"B","B",1],[4,"C","B",0],[4,"D","B",0],[5,"A","B",0],[5,"B","B",0],[5,"C","B",0],[5,"D","B",0],[6,"A","B",0],[6,"B","B",0],[6,"C","B",0],[6,"D","B",0],[7,"A","B",0],[7,"B","B",0],[7,"C","B",0],[7,"D","B",0],[8,"A","B",0],[8,"B","B",0],[8,"C","B",0],[8,"D","B",0],[9,"A","B",0],[9,"B","B",0],[9,"C","B",0],[9,"D","B",0],[10,"A","B",0],[10,"B","B",0],[10,"C","B",0],[10,"D","B",0],[11,"A","B",0],[11,"B","B",0],[11,"C","B",0],[11,"D","B",0],[12,"A","B",0],[12,"B","B",0],[12,"C","B",0],[12,"D","B",0],[13,"A","B",0],[13,"B","B",0],[13,"C","B",0],[13,"D","B",0],[14,"A","B",0],[14,"B","B",0],[14,"C","B",0],[14,"D","B",0],[15,"A","B",0],[15,"B","B",0],[15,"C","B",0],[15,"D","B",0],[16,"A","B",0],[16,"B","B",0],[16,"C","B",0],[16,"D","B",0],[17,"A","B",0],[17,"B","B",0],[17,"C","B",0],[17,"D","B",0],[18,"A","B",0],[18,"B","B",0],[18,"C","B",0],[18,"D","B",0],[19,"A","B",0],[19,"B","B",0],[19,"C","B",0],[19,"D","B",0],[20,"A","B",0],[20,"B","B",0],[20,"C","B",0],[20,"D","B",0]]],["EKON",1,[[1,"A","C",1],[1,"B","C",0],[2,"A","C",1],[2,"B","C",0],[3,"A","C",0],[3,"B","C",0],[3,"D","C",0],[3,"E","C",0],[4,"A","C",0],[4,"B","C",0],[4,"C","C",1],[4,"D","C",0],[4,"E","C",1],[5,"A","C",0],[5,"B","C",0],[5,"C","C",1],[5,"D","C",0],[5,"E","C",1],[6,"A","C",0],[6,"B","C",0],[6,"C","C",0],[6,"D","C",0],[6,"E","C",0],[7,"A","C",0],[7,"B","C",0],[7,"C","C",0],[7,"D","C",0],[7,"E","C",0],[8,"A","C",0],[8,"B","C",0],[8,"C","C",0],[8,"D","C",0],[8,"E","C",0],[9,"A","C",0],[9,"B","C",0],[9,"C","C",0],[9,"D","C",0],[9,"E","C",0],[10,"A","C",0],[10,"B","C",0],[10,"C","C",0],[10,"D","C",0],[10,"E","C",0],[11,"A","C",0],[11,"B","C",0],[11,"C","C",0],[11,"D","C",0],[11,"E","C",0],[12,"A","C",0],[12,"B","C",0],[12,"C","C",0],[12,"D","C",0],[12,"E","C",0],[13,"A","C",0],[13,"B","C",0],[13,"C","C",0],[13,"D","C",0],[13,"E","C",0],[14,"A","C",0],[14,"B","C",0],[14,"C","C",0],[14,"D","C",0],[14,"E","C",0],[15,"A","C",0],[15,"B","C",0],[15,"C","C",0],[15,"D","C",0],[15,"E","C",0],[16,"A","C",0],[16,"B","C",0],[16,"C","C",0],[16,"D","C",0],[16,"E","C",0],[17,"A","C",0],[17,"B","C",0],[17,"C","C",0],[17,"D","C",0],[17,"E","C",0],[18,"A","C",0],[18,"B","C",0],[18,"C","C",0],[18,"D","C",0],[18,"E","C",0],[19,"A","C",0],[19,"B","C",0],[19,"C","C",0],[19,"D","C",0],[19,"E","C",0],[20,"A","C",0],[20,"B","C",0],[20,"C","C",0],[20,"D","C",0],[20,"E","C",0],[21,"A","C",0],[21,"B","C",0],[21,"C","C",0],[21,"D","C",0],[21,"E","C",0],[22,"A","C",0],[22,"B","C",0],[22,"D","C",0],[22,"E","C",0],[23,"D","C",1],[23,"E","C",1],[24,"D","C",1],[24,"E","C",1]]],["EKS",1,[[1,"A","A",1],[1,"B","A",1],[1,"C","A",1],[2,"A","A",1],[2,"B","A",1],[2,"C","A",1],[2,"D","A",1],[3,"A","A",1],[3,"B","A",1],[3,"C","A",1],[3,"D","A",1],[4,"A","A",1],[4,"B","A",0],[4,"C","A",0],[4,"D","A",0],[5,"A","A",0],[5,"B","A",0],[5,"C","A",0],[5,"D","A",0],[6,"A","A",0],[6,"B","A",0],[6,"C","A",0],[6,"D","A",0],[7,"A","A",0],[7,"B","A",0],[7,"C","A",0],[7,"D","A",0],[8,"A","A",0],[8,"B","A",0],[8,"C","A",0],[8,"D","A",0],[9,"A","A",0],[9,"B","A",0],[9,"C","A",1],[9,"D","A",0],[10,"A","A",0],[10,"B","A",0],[10,"C","A",0],[10,"D","A",0],[11,"A","A",0],[11,"B","A",0],[11,"C","A",0],[11,"D","A",0],[12,"A","A",0],[12,"B","A",0],[12,"C","A",1],[12,"D","A",0],[13,"B","A",0],[13,"C","A",1],[13,"D","A",0]]]
        ]
}

INFORMATION MODULE :: GET_BOOK_INFO

Parameter IN :

Field	Data Type	Mandatory	Description
Rqid	String	YES	
vmid	String	YES	Vending Machine id
app	String	YES	Information
action	String	YES	get_book_info
book_code	String	YES*	Booking Code * If book_code filled , num_code not required
num_code	Number	YES*	Numeric Code * If num_code filled , book_code not required

Parameter OUT :

Field	Data Type	Description
book_code	String	Booking Code
num_code	Number	Numerik Code
Caller	String	Telephone number of passengers who can be contacted
train_no	String	Train Number
train_name	String	Train name
Org	String	Origination. Departure Station
Des	String	Destination. Arrival Station
dep_date	Date	Departure Date
dep_time	Time	Departure Time
arv_date	Date	Arrival Date
arv_time	Time	Arrival Time
Subclass	String	Subclass
Class	String	Class
normal_sales	Number	Normal price amount
extra_fee	Number	Extra Fee
book_balance	Number	Balance / outstanding of the relevant booking code
Discount	Number	The amount of discounts obtained
[pax_list]	Array	[Name, ID No, Adult/Child, Unit Ticket No, Ticket Unit Printing Counter, No E-Ticket, E-Ticket Printing Counter, Wagon, Seat]

Example :

http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid=
600600040000000&app=information&action=get_book_info&book_code=TGU525

Result :

```
{
  "err_code": 0,
  "book_code": "TGU525",
  "num_code": 3785105909800,
  "caller": "089899",
  "book_time": "13-JUN-2014 09:23:05",
  "train_no": "1331",
  "train_name": "KERETA MURAH",
  "org": "GMR (GAMBIR)",
  "des": "BD (BANDUNG)",
  "dep_date": "26-JUN-14",
  "dep_time": "0700",
  "arv_date": "26-JUN-14",
  "arv_time": "1000",
  "subclass": "A",
  "class": "E",
  "normal_sales": 84000,
  "extra_fee": 10000,
  "book_balance": 93000,
  "discount": -1000,
  "pax_list": [
    ["IVHAN", "U77783", "A", "", 0, "", 0, "KERETA_EKS-1", "1D"]
  ]
}
```

INFORMATION MODUL E :: GET_BOOK_PRICE_INFO

Parameter IN :

Field	Data Type	Mandatory	Description
rqid	String	YES	
vmid	String	YES	Vending Machine id
app	String	YES	information
action	String	YES	get_book_price_info
book_code	String	YES	Booking Code

Parameter OUT :

Field	Data Type	Description
book_code	String	Booking Code
total_price_adult	Number	Total price for adult passenger
total_price_child	Number	Total price for child passenger
extra_fee	Number	Extra Fee
total_price	Number	Total price

Example :
http://182.23.42.196:4000/?rqid=PAYCUBE-KAI&vmid=
600600040000000&app=information&action=get_book_price_info&book_code=3XUQA7

Result :
```
{
        "err_code": 0,
        "book_code": "3XUQA7",
        "total_price_adult": 16000,
        "total_price_child": 13000,
        "extra_fee": 1000,
        "total_price": 30000,
}
```

ERROR CODE

Error Code	Error Message (English version)	Error Message (Indonesian version)
001000	KAI balance is not enough	Deposit KAI tidak cukup
001001	Unknown error	Kesalahan yang tidak diketahui
001002	Validation error	kesalahan validasi
001003	Book Code does not exist or already canceled	Kode booking tidak ada atau sudah dibatalkan
001004	Numeric Code does not exist or its Book Code already canceled	Kode Numerik tidak ada atau Kode Booking sudah dibatalkan
001005	Railcard No does not exist	Nomor Railcard tidak ada
001006	You don't have privilege to do this action	Anda tidak memiliki ijin untuk melakukan aksi ini
001007	This function only available for Vending Machine	Fungsi ini hanya tersedia untuk Mesin Vending
001008	This function only available for Normal Agent	Fungsi ini hanya tersedia untuk Agen normal
001009	This function only available for WS KAI	Fungsi ini hanya tersedia untuk WS KAI
002000	Invalid Request. IP Address and/or Requester ID are not registered	Permintaan tidak valid . Alamat IP dan / atau pemohon ID tidak terdaftar
002001	Definition error, no application defined	Kesalahan definisi , tidak ada aplikasi yang terdefinisi
002002	Definition error, no action defined	Kesalahan definisi , tidak ada yang terdefinisi
002003	Definition error, no RqId defined	Kesalahan definisi , tidak ada rqId yang terdefinisi
002004	Application error, application does not exist	Kesalahan aplikasi , aplikasi tidak ada
002005	Action error, action does not exist	Kesalahan tindakan , tindakan tidak ada
002006	Request rejected. Please contact your administrator	Permintaan ditolak . Tolong Hubungi administrator Anda
500101	Invalid Identity Number for Railcard	Nomor Identitas tidak valid untuk Railcard
500102	This module only available for Vending Machine	Modul ini hanya tersedia untuk Vending Machine
500103	Validation error: [num_code] or [book_code] should not blank	Kesalahan validasi : [num_code] atau [book_code] tidak boleh kosong
500104	Book Code does not match with Numeric Code	Kode booking tidak sesuai dengan Kode Numeric
500105	This function only available for Normal Agent	Fungsi ini hanya tersedia untuk Agen normal
500106	Validation error : [dep_date] outside the sales period for agent	error validasi : [dep_date] diluar periode penjualan untuk agen
510101	Route not found	Rute tidak ditemukan
510102	Max passenger per booking is 4	Maksimal penumpang per pemesanan adalah 4
510103	a booking must have at least 1 passenger	pemesanan harus memiliki minimal 1 penumpang
510104	Parameter has invalid input format	Parameter memiliki format masukan yang tidak valid

510105	Cannot do this action, payment not found or this booking wasn't paid by you	tidak dapat melakukan tindakan ini , pembayaran tidak ditemukan atau pemesanan ini tidak dibayar oleh Anda
510106	Cannot do this action, departure date outside the sales period for agent	tidak dapat melakukan tindakan ini , tanggal keberangkatan di luar periode penjualan untuk agen
510107	Cannot do this action, booking with book code %s has not been paid	tidak dapat melakukan tindakan ini , pemesanan dengan kode booking % s belum dibayar
510108	Cannot do this action, subclass is hidden	tidak dapat melakukan tindakan ini , subclass tersembunyi
510109	Terminal ID doesn't exist	Terminal ID tidak ada
510110	Wrong number of [num_pax_adult/child] for this book code	jumlah yang salah dari [num_pax_adult / anak] untuk kode booking ini
510111	Agent does not exist	Agen tidak ada
510112	Cannot do this action, ticket with book_code … has been printed	tidak dapat melakukan tindakan ini , tiket dengan book_code ... telah dicetak
510113	Cannot do this action, booking with book code … has been paid	tidak dapat melakukan tindakan ini , pemesanan dengan kode booking ... telah dibayar
510114	Seat has wrong subclass	Kursi memiliki subclass yang salah
510115	Cannot do this action, train no is hidden	tidak dapat melakukan tindakan ini , no kereta disembunyikan
510116	Route has been closed	Rute telah ditutup
510117	Deposit/Adjustment Amount cannot be 0	Deposit / Jumlah Penyesuaian tidak bisa 0
510118	Railcard Data (manufactur_no, card_tx_number, signature) Is Duplicate	Duplikasi Railcard Data (manufactur_no , card_tx_number , tanda tangan)
510119	Unmatch member name and member number	nama anggota dan nomor anggota tidak sesuai
510120	Cannot do this action, booking detail for book code .. was changed/made at locket	tidak dapat melakukan tindakan ini , detail pemesanan untuk kode booking .. telah dirubah / dibuat diloket
510121	Invalid subclass	subclass tidak valid
510122	Pax not found	Pax tidak ditemukan
510123	Number of pax does not match number of ticket	Jumlah pax tidak sesuai jumlah tiket
510124	This booking cannot reroute to any non local train	Pemesanan ini tidak bisa mengubah rute ke setiap kereta non lokal
510125	Pax … has exceed reroute limit	Pax ... telah melebihi batas mengubah rute
510126	Pax … cannot be cancelled	Pax ... tidak dapat dibatalkan
510127	No reissue ticket found for pax …	Tiket yang dipesan ulang tidak ditemukan untuk pax ...
510128	Each adult can only bring 1 infant	Setiap orang dewasa hanya dapat membawa 1 bayi
510301	Invalid Payment Type	Jenis Pembayaran tidak valid
510302	Book Balance Already 0	Booking Balance Sudah 0

510303	Invalid Channel ID	Channel ID tidak valid
510304	Invalid Bank Code	Kode Bank tidak valid
510401	No valid route for book code	Tidak ada rute yang valid untuk kode pemesanan
510402	No valid pax for book code	Tidak ada pax yang valid untuk kode pemesanan
510403	Number of pax does not match with number of seat	Jumlah pax tidak sesuai dengan jumlah kursi
510404	Seat already taken	Kursi sudah diambil
510405	Invalid seat	Kursi tidak valid
510406	Cannot change seat, the passanger has no seat	tidak dapat mengubah kursi , penumpang tidak mendapatkan kursi
510407	Number of wagon no does not match with number of seat	Jumlah wagon ada tidak sesuai dengan jumlah kursi
510408	Number of wagon code does not match with number of seat	Jumlah kode wagon tidak sesuai dengan jumlah kursi
510409	Cannot change seat, train had already left	tidak dapat mengubah kursi , kereta sudah berangkat
510410	Duplicate seat	kursi duplikat
510501	Staff with NIPP .. does not exist	Staf dengan NIPP .. tidak ada
510601	Cannot cancel payment, train already left	tidak dapat membatalkan pembayaran , kereta sudah berangkat
520001	Numeric Code .. does not exist	Kode Numerik .. tidak ada
520002	Payment Type ... does not exist	Jenis Pembayaran ... tidak ada
01	Refer to card issuer	Mengacu pada penerbit kartu
03	Invalid merchant	Merchant tidak valid
04	Pick-up / capture card	Pick-up / capture card
05	Do not honour	Do not honour
12	Invalid transaction	transaksi tidak valid
13	Invalid amount.	Jumlah tidak valid.
14	Invalid card number (no such number)	Nomor kartu tidak valid (tidak sesuai)
15	No such issuer	Penerbit kartu tidak ada
20	Invalid response	Respon tidak valid
30	Format error	Kesalahan Format
31	Bank not supported by switch	Bank tidak didukung oleh switch
33	Expired card	Kartu sudah habis masa berlaku
36	Restricted card	Kartu dibatasi
38	Allowable PIN tries exceeded	Mencoba PIN diijinkan melebihi
39	No credit account	Tidak ada rekening kredit
40	Requested function not supported	Fungsi yang diminta tidak didukung

41	Lost card	Kartu hilang
43	Stolen card	Kartu dicuri
51	Insufficient funds / over credit limit	Dana yang ada tidak mencukupi / melebihi batas kredit
52	No chequing account	Tidak ada rekening cheque
53	No savings account	Tidak ada rekening tabungan
54	Expired card	Kartu sudah habis masa berlaku
55	Invalid PIN	PIN tidak valid
57	Transaction not permitted to cardholder	Transaksi tidak diizinkan untuk pemegang kartu
58	Transaction not permitted to terminal	Transaksi tidak diizinkan untuk terminal
61	Exceeds withdrawal amount limit	Melebihi batas jumlah penarikan
62	Restricted card	Kartu dibatasi
63	Security violation	Pelanggaran keamanan
65	Exceeds withdrawal frequency limit	Melebihi batas frekuensi penarikan
67	Hard capture (requires that card be picked up at ATM)	Keras capture (membutuhkan kartu diambil di ATM)
68	Response received too late	Respon yang diterima terlambat
69-74	Reserved for ISO use	Disediakan untuk penggunaan ISO
75	Allowable number of PIN tries exceeded	Jumlah yang diijinkan untuk mencoba input PIN
76	Invalid to account	Tidak valid untuk rekening
77	Invalid from account	Tidak valid dari rekening
78	Account is closed	Rekening ditutup
79	Reserved for private use	Dicadangkan untuk penggunaan pribadi
81-87	Reserved for private use	Dicadangkan untuk penggunaan pribadi
88	Payment denied because bill already paid	Pembayaran ditolak karena tagihan sudah dibayar
89	Link to Host down	Link ke Host down
91	Issuer, Destination or switch is inoperative	Emiten , tujuan atau switch tidak beroperasi
92	Unable to route transaction	Tidak dapat merunut transaksi
94	Duplicate transmission / request / reversal message	Duplikat transmisi / permintaan / pesan pembalikan
96	System malfunction / system error	Kerusakan sistem / kesalahan sistem
97-99	Reserved for national use	Disediakan untuk penggunaan nasional
0A-9Z	Reserved for ISO use	Disediakan untuk penggunaan ISO
A0-MZ	Reserved for national use	Disediakan untuk penggunaan nasional
N0-ZZ	Reserved for private use	Disediakan untuk penggunaan pribadi