

# API Hourly Rental

(AIMS RETAIL HOURLY RENTAL)

*FOR CLIENT*

# Table of Contents

<b>AUTHENTICATION</b> .....	3
<b>LIST WEB SERVICE (REST)</b> .....	4
GET CITY .....	4
GET CAR – AVAILABILITY & RATES .....	5
GET ADDON – By Car Type .....	7
ORDER BOOKING .....	8
ORDER GET ONE – By Code .....	9
ORDER CANCEL.....	10

## AUTHENTICATION

Authentication ini digunakan pada setiap header request yang dikirim dan bersifat mandatory.

<b>Username</b>	API.hourlyRental.2016
<b>Password</b>	4P1(dot)hourlyRental(dot)2016

## LIST WEB SERVICE (REST)

Host Domain	http://202.137.21.100:8080/
Base URI	aims2/retail/hourlyRental/

### GET CITY

DESCRIPTION
Mendapatkan semua list kota yang dapat dilayani

REQUEST	
Path	city/getAll/
Method	POST
Content Type	application/json
Format	-
RESPONSE	
Content Type	application/json
Format	[ { "cityId":<Integer, not null>, "city":<String, not null> } ]

REQUEST SAMPLE
-
RESPONSE SAMPLE
[ { "cityId": "1", "city": "Jakarta" }, { "cityId": "2", "city": "Depok" } ]

## GET CAR – AVAILABILITY & RATES

### DESCRIPTION

Mendapatkan semua list kendaraan yang tersedia include ratesnya

### REQUEST

Path	car/getAvailabilityAndRatesByCity/
------	------------------------------------

Method	POST
--------	------

Content Type	application/json
--------------	------------------

Format	{ "cityId":<Integer, not null>, "city":<String, nullable>, "pickUpTime":<Long, not null>, "dropOffTime":<Long, not null> }
--------	---

### RESPONSE

Content Type	application/json
--------------	------------------

Format	[ { "carTypeId":<Integer,not null>, "carType":<String, not null>, "carMerk":<String, not null>, "carCategory":<String, not null>, "carYear":<Integer, not null>, "carSeat":<Integer, not null>, "carRatesPerHour":<Double, not null> } ]
--------	--

#### REQUEST SAMPLE

```
{
  "cityId":"1"
  "city":"Jakarta",
  "pickUpTime":"1474786800000",
  "dropOffTime":"1474797600000"
}
```

#### RESPONSE SAMPLE

```
[
  {
    "carTypeId":"1",
    "carType":"INNOVA DELUXE",
    "carMerk":"TOYOTA",
    "carCategory":"MINI BUS",
    "carYear":"2016",
    "carSeat":"7",
    "carRatesPerHour":"300000"
  },
  {
    "carTypeId":"2",
    "carType":"MOBILIO RS",
    "carMerk":"HONDA",
    "carCategory":"MINI BUS",
    "carYear":"2016",
    "carSeat":"7",
    "carRatesPerHour":"275000"
  },
  ...
]
```

Note:

- Format PickUpTime adalah Long (milliseconds),
- contoh di atas  
1474786800000 => 25 September 2016 07:00:00  
1474797600000 => 25 September 2016 10:00:00

## GET ADDON – By Car Type

### DESCRIPTION

Mendapatkan semua list addon berdasarkan tipe kendaraan

### REQUEST

Path	car/getAddonByCarType/
Method	POST
Content Type	application/json
Format	<pre>{   "carTypeId":&lt;Integer, not null&gt;,   "carType":&lt;String, nullable&gt; }</pre>

### RESPONSE

Content Type	application/json
Format	<pre>[   {     "addonId":&lt;Integer,not null&gt;,     "addon":&lt;String, not null&gt;,     "addonValue":&lt;String, not null&gt;   } ]</pre>

### REQUEST SAMPLE

```
{
  "carTypeId":"1"
  "carType":"INNOVA DELUXE"
}
```

### RESPONSE SAMPLE

```
[
  {
    "addonId":"1",
    "addon":"SNACK",
    "addonValue":"5000"
  },
  {
    "addonId":"2",
    "addon":"MINERAL WATER",
    "addonValue":"3000"
  },
  ...
]
```

## ORDER BOOKING

### DESCRIPTION

Melakukan booking order

### REQUEST

Path order/booking /

Method POST

Content Type application/json

Format

```
{
  "cityId":<Integer, not null>,
  "city":<String, nullable>,
  "pickUpTime":<Long, not null>,
  "dropOffTime":<Long, not null>,
  "carTypeId":<Integer, not null>,
  "carType":<String, nullable>,
  "addons": [
    {
      "addonId":<Integer,nullable>,
      "addonQty":<Integer,nullable>
    },
  ],
  "customerName":<String, not null>,
  "customerPhone":<String, not null>,
  "customerEmail":<String, not null>,
  "pickUpAddress":<String, not null>
}
```

### RESPONSE

Content Type application/json

Format

```
{
  "bookingCode":<String,not null>,
  "status":<String,nullable>,
  "message":<String,nullable>
}
```



## ORDER GET ONE – By Code

### DESCRIPTION

Mendapatkan data order berdasarkan kode booking

### REQUEST

Path	order/getOneByCode /
Method	POST
Content Type	application/json
Format	{ "bookingCode":<String, not null> }

### RESPONSE

Content Type	application/json
Format	{ "city":<String, nullable>, "pickUpTime":<Long, not null>, "dropOffTime":<Long, not null>, "carType":<String, nullable>, "carMerk":<String, nullable>, "carCategory":<String, nullable>, "carYear":<Integer, not null>, "carSeat":<Integer, not null>, "addons": [ { "addon":<String,nullable>, "addonQty":<Integer,nullable> } ], "customerName":<String, not null>, "customerPhone":<String, not null>, "customerEmail":<String, not null>, "pickUpAddress":<String, not null> }

## ORDER CANCEL

### DESCRIPTION

Melakukan cancel data order berdasarkan kode booking

### REQUEST

Path	order/cancel/
Method	POST
Content Type	application/json
Format	{ "bookingCode":<String, not null>, "cancelTime":<Long, not null> }

### RESPONSE

Content Type	application/json
Format	{ "status":<String,nullable>, "message":<String,nullable> }

## LAMPIRAN

### 1. GET CITY

#### a. Request

**REQUEST**

HTTP  ? [0] POST

HEADERS  BODY

☒ Authorization : Basic QVBjLmhvdXJ:

1

#### b. Response

**RESPONSE** Elapsed Time: 112ms

**200 OK**

HEADERS  BODY

Content-Length: 91 Bytes  
Content-Type: application/json  
Date: 2016 Sep 28 12:35:22 -3s  
Server: Apache-Coyote/1.1

▶ COMPLETE REQUEST HEADERS

```
[
  {
    "cityId": 1,
    "city": "JAKARTA"
  },
  {
    "cityId": 2,
    "city": "BOGOR"
  },
  {
    "cityId": 3,
    "city": "TANGERANG"
  }
]
```

lines nums length: 91 Bytes

### 2. GET CAR – AVAILABILITY & RATES

#### a. Request

**REQUEST**

HTTP  ? [0] POST

HEADERS

☒ Authorization : Basic QVBjLmhvdXJ:

```
1 {
2   "cityId":1,
3   "city":"Jakarta",
4   "pickUpTime":1475043081531,
5   "dropOffTime":1475129481531
6 }
```

## b. Response

**RESPONSE**

**200 OK**

HEADERS

Content-Length: 277 Bytes  
Content-Type: application/json  
Date: 2016 Sep 28 12:42:02 -3s  
Server: Apache-Coyote/1.1

▶ COMPLETE REQUEST HEADERS

pretty BODY

```
[
  {
    carTypeId: 2,
    carType: "MOBILIO RS",
    carCategory: "MINI BUS",
    carMerk: "HONDA",
    carYear: 2016,
    carSeat: 7,
    carRatesPerHour: 275000
  },
  {
    carTypeId: 3,
    carType: "INNOVA DELUXE",
    carCategory: "MINI BUS",
    carMerk: "TOYOTA",
    carYear: 2016,
    carSeat: 7,
    carRatesPerHour: 300000
  }
]
```

lines nums

## 3. GET ADDON – By Car Type

### a. Request

**REQUEST**

HTTP :// 202.137.21.100:8080/aims2/retail/hourlyRental/car/getAddonByCarType/ ? [0] POST Send

HEADERS

Authorization : Basic QVBJLmhvdXJs

set an authorization

form BODY

```
1 {"carTypeId":2,"carType":"MOBILIO RS"}
```

text

### b. Response

**RESPONSE**

Elapsed Time: 40ms

**200 OK**

HEADERS

Content-Length: 56 Bytes  
Content-Type: application/json  
Date: 2016 Sep 28 12:46:09 -3s  
Server: Apache-Coyote/1.1

▶ COMPLETE REQUEST HEADERS

pretty BODY

```
[
  {
    addonId: 3,
    addon: "Balado",
    addonValue: "13000.00"
  }
]
```

## 4. ORDER BOOKING

### a. Request

**REQUEST**

HTTP  ? [0] POST

HEADERS  BODY

☒ Authorization : Basic QVBJLmhvdXJz

```
1 {
2   "cityId":2,
3   "city":"Jakarta",
4   "carTypeId":2,
5   "carType":"HONDA MOBILIO RS",
6   "pickUpTime":1475041665946,
7   "dropOffTime":1475063265946,
8   "customerName":"Rezza",
9   "customerPhone":"08990836123",
10  "customerEmail":"Rezza.anugrah@aerotrans.co.id",
11  "pickUpAddress":"Jl. Jend Sudirman Jakarta",
12  "addons":[{"addonId":2,"addonQty":5}]
13 }
```

### b. Response

**RESPONSE** Elapsed Time: 260ms

**200 OK**

HEADERS  BODY

Content-Length: 67 Bytes  
Content-Type: application/json  
Date: 2016 Sep 28 12:50:49 -4s  
Server: Apache-Coyote/1.1

```
{
  bookingCode: "42D46M",
  status: "100",
  message: "Booking Success"
}
```

length: 67 Bytes

## 5. ORDER GET ONE – By Code

### a. Request

**REQUEST**

HTTP  ? [0] POST

HEADERS  BODY

☒ Authorization : Basic QVBJLmhvdXJz

```
1 {"bookingCode":"42D46M"}
```

## b. Response

**RESPONSE** Elapsed Time: 883ms

**200 OK**

HEADERS

Content-Length: 358 Bytes  
Content-Type: application/json  
Date: 2016 Sep 28 12:53:20  
Server: Apache-Coyote/1.1

COMPLETE REQUEST HEADERS

pretty BODY

```
{
  city: "BOGOR",
  carType: "MOBILIO RS",
  pickupTime: 1475041665000,
  dropOffTime: 1475063265000,
  carCategory: "MINI BUS",
  carMerk: "HONDA",
  carYear: 2016,
  carSeat: 7,
  customerName: "Rezza",
  customerPhone: "08990836123",
  customerEmail: "Rezza.anugrah@seertrans.co.id",
  pickupaddress: "Jl. Jend Sudirman Jakarta",
  addons: [
    {
      addon: "Kacang Kulit",
      addonty: 5
    }
  ]
}
```

lines nums

length: 358 Bytes

## 6. ORDER CANCEL

### a. Request

**REQUEST**

HTTP :// 202.137.21.100:8080/aims2/retail/hourlyRental/order/cancel/ ? [0] POST Send

HEADERS

Authorization : Basic QVBjLmhvdXJ: x

set an authorization

form BODY

```
1 {
2   "bookingCode": "42D46M",
3   "cancelTime": 1475042191540
4 }
```

text

### b. Response

**RESPONSE** Elapsed Time: 242ms

**200 OK**

HEADERS

Content-Length: 45 Bytes  
Content-Type: application/json  
Date: 2016 Sep 28 12:57:11 -3s  
Server: Apache-Coyote/1.1

COMPLETE REQUEST HEADERS

pretty BODY

```
{
  status: "100",
  message: "Success Canceled"
}
```

lines nums

length: 45 Bytes