



KAFILA

BEST PRACTICES TO INTEGRATE API (VERSION 1.0.0)

Kafila API Development | Sanjeev

# Kafila API Development Guide

**KsoftTechnology**

Ultimate Travel Solution

## Best Practices To Integrate API

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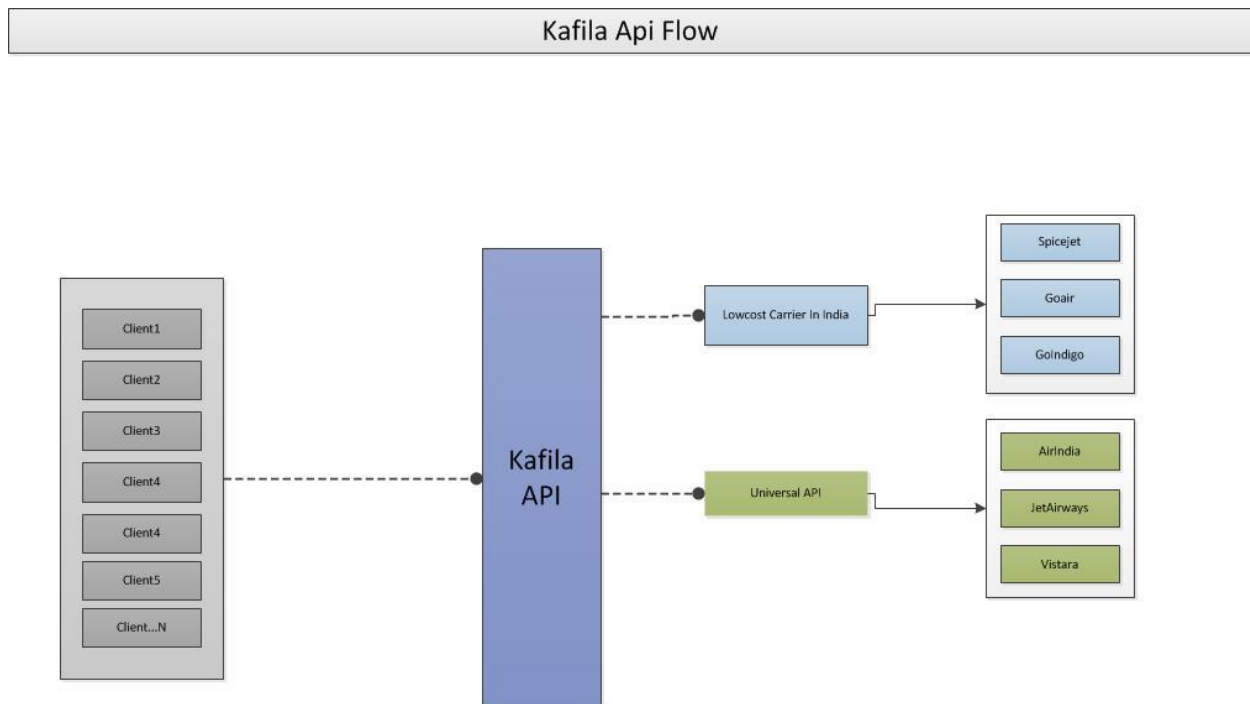
## Introduction

We are based at Head office in Delhi & Branch offices in Mumbai & Noida and bring to you all travel related services under one roof. Our main line of operations is to serve the B2B agents and corporate clients with the best possible travel related services and whole selling Air ticket, Hotels and Services amongst retail travel agents all across India. We are handling approximately 10000 travel agents and 40 franchises at this time all across India. Handled by a team of Professionals with a 24X7 support call center consisting of experienced staff of the travel industry.

## Purpose

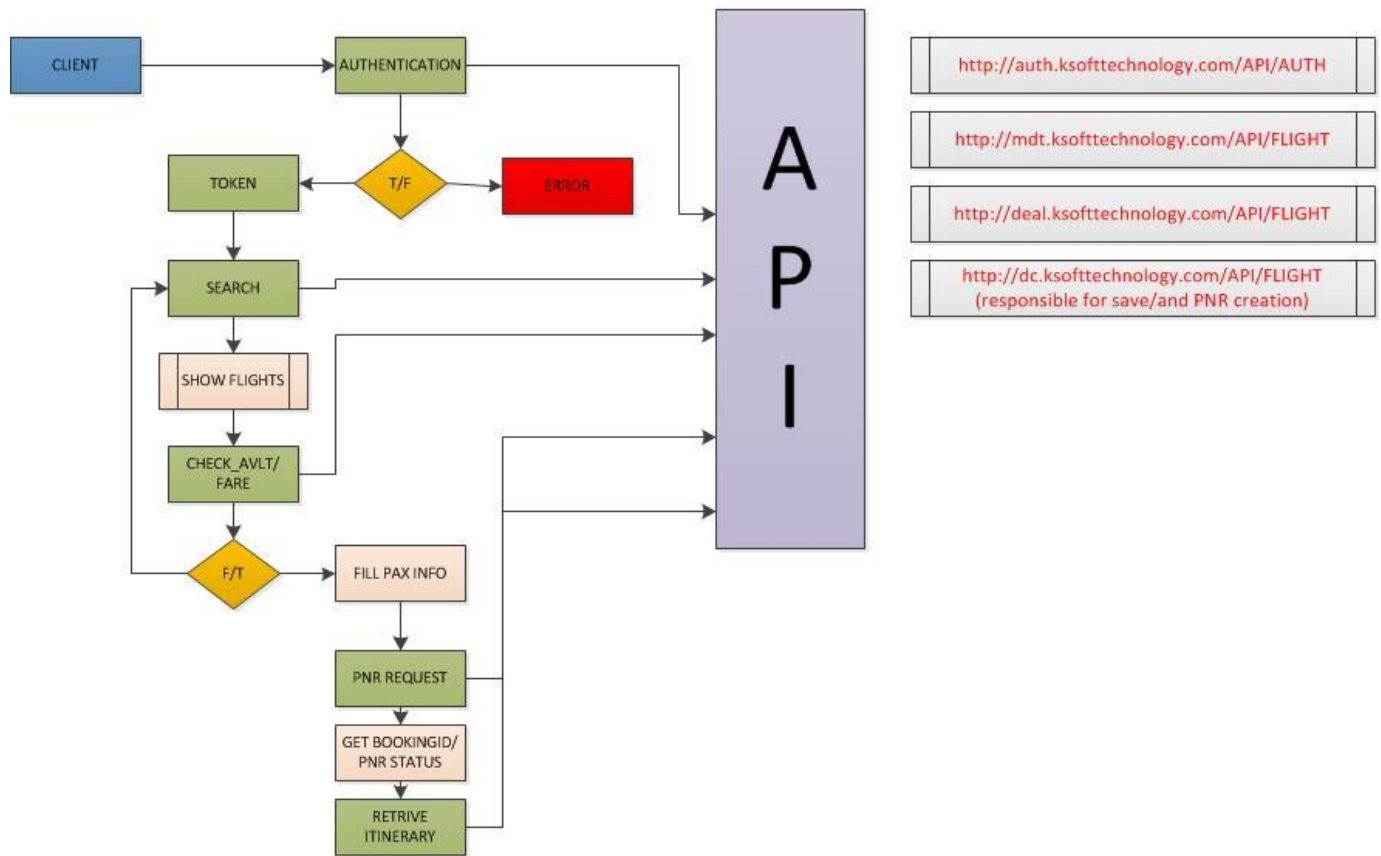
This document describes the recommended approach to API development using the KsoftTechnology Web API. All communication would be in Json object, as mention format in API documentation.

## API Overview Flow Chart



## API Data Flow Diagram

Kafila API DFD



## API Token Management

At first client should create Token using credential provided by KAFILA.

**Process Name :** CREATE TOKEN

**Request:-**

```
{
  "NAME": "GET_AUTH_TOKEN",
  "STR": [
    {
      "MODULE": "B2B",
      "A_ID": "xxxxxxxx",
      "HS": "D",
      "PWD": "xxxxxx_123",
      "U_ID": "xxxxx"
    }
  ],
  "TYPE": "AUTH"
}
```

**Response :-**

```
{
  "STATUS": "SUCCESS",
  "RESULT": "1de7c7c0-eb7f-43b7-94c0-568d148fda98"
}
```

Request and Response Keys Description

KEY	DESCRIPTION
A_ID	Agent Id ( provide by kafila)
U_ID	User Id
PWD	Password
MODULE	Module (B2B & B2C)
HS	Hit Source D=(Development), P=(Production)
STATUS	Success / Failed
RESULT	Token Key ("3a1db274-ea75-420e-8c29-04682a9978e7")

## Token Verification

**Process Name** : VERIFY\_TOKEN(Optional as desired)

### Request:-

```
{
  "TYPE": "AUTH",
  "NAME": "VERIFY_AUTH_TOKEN",
  "STR": [
    {
      "TOKEN": "242311f6-ee7d-4fdb-a1c0-82ef20305f4f",
      "MODULE": "B2B",
      "HS": "D"
    }
  ]
}
```

### Response:-

```
{
  "STATUS": "SUCCESS",
  "RESULT": "1de7c7c0-eb7f-43b7-94c0-568d148fda98"
}
```

## Search Request/Response (Oneway)

Process Name : GET\_FLIGHT

### Request:-

```
{
  "TYPE": "AIR",
  "NAME": "GET_FLIGHT",
  "STR": [
    {
      "AUTH_TOKEN": "f0ae70a9-ed96-4120-8b44-83abd73b7015",
      "SESSION_ID": "0vv5ycqeaxmndcdqhtatcscx",
      "TRIP": "1",
      "SECTOR": "D",
      "SRC": "DEL",
      "DES": "BOM",
      "DEP_DATE": "2019-12-22",
      "RET_DATE": "",
      "ADT": "1",
      "CHD": "0",
      "INF": "0",
      "PC": "",
      "PF": "",
      "HS": "P"
    }
  ]
}
```

### Response:-

```
{
  "FLIGHT": [
    {
      "UID": "39d7a130637098435008277939",
      "ID": "0",
      "TID": "0",
      "D_CODE": "DEL",
      "D_NAME": "Delhi",
      "A_CODE": "BOM",
      "A_NAME": "Mumbai",
      "D_DATE": "2019-12-22",
      "D_TIME": "02:40",
      "A_DATE": "2019-12-22",
      "A_TIME": "04:55",
      "F_CODE": "G8",
      "F_NAME": "GoAir",
      "F_NO": "2501",
      "F_LOGO": "0 -147px",
    }
  ]
}
```



```

    "F_TYPE": "GS",
    "SEAT": "1",
    "STOP": "0",
    "AMT": "3681",
    "DUR": "0d:2h:15m",
    "S_CODE": "DEL-BOM",
    "CN_CODE": "G8-2501",
    "OI": "1D",
    "PCC": "G8DEL80003P~MAIN",
    "TAX_BREAKUP": "ab=2591,ay=400,at=690",
    "CON_DETAILS": "",
    "FLIGHT_INFO": "REFUNDABLE|2,1|Baggage:Cabin=7Kg,Checkin=15 KG|Cancellation=ASAP
Airlines,Reschedule=ASAP Airlines|CLASS=K09RBINE",
    "NET_FARE": "3540",
    "F_CLASS": "Economy"
  },
  {
    "UID": "39d7a130637098435008277939",
    "ID": "1",
    "TID": "0",
    "D_CODE": "DEL",
    "D_NAME": "Delhi",
    "A_CODE": "BOM",
    "A_NAME": "Mumbai",
    "D_DATE": "2019-12-22",
    "D_TIME": "07:00",
    "A_DATE": "2019-12-22",
    "A_TIME": "09:10",
    "F_CODE": "G8",
    "F_NAME": "GoAir",
    "F_NO": "530",
    "F_LOGO": "0 -147px",
    "F_TYPE": "GS",
    "SEAT": "1",
    "STOP": "0",
    "AMT": "4524",
    "DUR": "0d:2h:10m",
    "S_CODE": "DEL-BOM",
    "CN_CODE": "G8-530",
    "OI": "1D",
    "PCC": "G8DEL80003P~MAIN",
    "TAX_BREAKUP": "ab=3368,ay=400,at=756",
    "CON_DETAILS": "",
    "FLIGHT_INFO": "REFUNDABLE|2,1|Baggage:Cabin=7Kg,Checkin=15 KG|Cancellation=ASAP
Airlines,Reschedule=ASAP Airlines|CLASS=X09RBINE",
    "NET_FARE": "4343",
    "F_CLASS": "Economy"
  },
  {
    "UID": "39d7a130637098435008277939",
    "ID": "135",
    "TID": "0",

```

```

    "D_CODE": "DEL",
    "D_NAME": "Delhi",
    "A_CODE": "BOM",
    "A_NAME": "Mumbai",
    "D_DATE": "12/22/2019",
    "D_TIME": "15:40",
    "A_DATE": "12/22/2019",
    "A_TIME": "17:50",
    "F_CODE": "I5",
    "F_NAME": "Air Asia",
    "F_NO": "559",
    "F_LOGO": "0 -63px",
    "F_TYPE": "EP",
    "SEAT": "9",
    "STOP": "0",
    "AMT": "4500",
    "DUR": "0d:2h:10m",
    "S_CODE": "DEL-BOM",
    "CN_CODE": "I5-559",
    "OI": "1D",
    "PCC": "I5APIINKAFILP~MAIN",
    "TAX_BREAKUP": "ab=3855,ay=0,at=645",
    "CON_DETAILS": "",
    "FLIGHT_INFO": "REFUNDABLE|NA,1||Cancellation=ASAP Airlines,Reschedule=ASAP
Airlines|CLASS=Z",
    "NET_FARE": "4480",
    "F_CLASS": "Economy"
  }
],
"PARAM": [
  {
    "src": "DEL",
    "des": "BOM",
    "dep_date": "2019-12-22",
    "ret_date": "",
    "adt": "1",
    "chd": "0",
    "inf": "0",
    "L_OW": "2880",
    "H_OW": "21344",
    "T_TIME": "5.1562601",
    "Trip_String": "1D0vv5ycqeaxmndcdqhtatcscx~2019-11-20 10:44:54.515~f0ae70a9-ed96-
4120-8b44-83abd73b7015*****B2B*182.73.146.154*P*NOCLASS*ALL*S*API_HIT*5"
  }
],
"Deal": [
  {
    "ID": 8050,
    "CUST_ID": "06021977",
    "TRIP": "D",
    "FLT_CODE": "UK",
    "ALIAS": "GAL",

```

```

"FLT_NO": "",
"SECTOR": "",
"CABIN_TYPE": "",
"CLASS": "",
"BASIC_STATUS": true,
"YQ_STATUS": true,
"CB_STATUS": true,
"PROMO_STATUS": false,
"MARKUP_STATUS": true,
"BASIC": 5.5,
"YQ": 5.5,
"CB": 0.0,
"MARKUP": 10.0,
"PROMO": 0.0,
"PROMO_CODE": "",
"OI": "",
"ETIME": "2019-10-01T13:09:03.823",
"MODULE": "B2B",
"HS": "P",
"AGENT_TYPE": "S"
  },
]
}

```

## Request and Response Keys Description

KEY	DESCRIPTION
AUT_TOKEN	Result =(provide when you login)
SESSION_ID	Session id for client Machine
TRIP	1/2/3 (1=Onward, 2=Round, 3= Sep Round)
SECTOR	Use (D= for Domestic), (I=International)
SRC	Source City Code (Departure City)
DES	Destination City Code (Arrival City)
DEP_DATE	Departure Date (format: yyyy-mm-dd)
RET_DATE	Return Date (format: yyyy-mm-dd)
ADT	Number's of Adult Passenger (12<) years
CHD	Number's of Child Passenger (2 > to 12<) years
INF	Number's of Child Passenger 2 < years
PC	Preferred Class ( eg, default="" or pass EC(Economy), BU (Businesses))
PF	Preferred flight ( eg. default="" or 6E,AI,SG)
HS	Hit Source (D= Development, P= Production)
L_OW	Lowest Fare form ( Flight Array)
UID	Using for checking Fare availability
ID	For mapping
TID	Trip Id
D_CODE	Departure City Code
D_NAME	Departure City Name
A_CODE	Arrival City Code
A_NAME	Arrival City Name

D_DATE	Departure Date
D_TIME	Departure Time
A_DATE	Arrival Date
A_TIME	Arrival Time
F_CODE	Flight Code
F_NO	Flight Number
F_NAME	Flight Name
F_LOGO	Flight logo
SEAT	seat available
STOP	Flight stop
S_CODE	Sector Code (DEL-BOM)
CN_CODE	Flight Code And Number
AMT	Amount
DUR	Duration (Day: Houses :Minutes)
OI	Other Info (default Blank) for future use
PCC	Pseudo city code
ETIME	Event Time
ab	Basic Fare For Adult
cb	Basic Fare For Child
ay	Fuel Charge For Adult
cy	Fuel Charge for Child
at	Tax for Adult
bt	Tax for Child
ib	Basic Fare For Infant
Flight_info	Refundable/non refundable 1 source terminal info,1 destination terminal Info
cancellation	ASAP Airlines
Reschedule	ASAP Airlines

### Breakup of Trip String

Trip\_String = 1Dtmjdoaddxcpy30zheykpurh0~2019-08-09 10:48:41.450~d085ccd8-b96a-4356-acb0-c952d5b655bf\*\*\*\*\*B2B\*182.73.146.154\*D\*NOCLASS\*ALL\*D

1	1 represent trip
D	D/I represent (domestic or international)
tmjdoaddxcpy30zheykpurh0	Client machine session Id
2019-08-09 10:48:41.450	Date And Time
d085ccd8-b96a-4356-acb0-c952d5b655bf	Internal use for security purpose
B2B	Module B2B, B2C
182.73.146.154	Server Ip Address
D	Hit source (D= development , P= production)
NOCLASS	Flight Class
ALL	All Flights
D	D/S Agent Type (default or special)

### Breakup of PCC String

```
PCC = "PCC": "G8otaapiD~DEV",
```

STRING	DESCRIPTION
G8	Flight code
otaaiD	For inter Use
DEV	Development
<b>Deal</b>	
ID	For internal Use
CUST_ID	For internal use
TRIP	Trip Type D for Domestic, I for International
FLT_CODE	Flight Code
ALIAS	Alias ex. GAL
FLT_NO	Flight Number
SECTOR	Deal according to sector Like (DEL-BOM)
CABIN_TYPE	Cabin Class Type Deal
CLASS	Class Type Deal
BASIC_STATUS	true/false (If True then Deal provide according Basic Fare example(2.23))
YQ_STATUS	True/false
CB_STATUS	True/false
PROMO_STATUS	True/false
MARKUP_STATUS	True/false
BASIC	2.23
YQ	2.23
CB	Cash Back Deal
MARKUP	Add markup
PROMO	Promo (deal type (0.0))
PROMO_CODE	Deal Promo code
OI	For future use
ETIME	Event Time
MODULE	B2B And B2C
AGENT_TYPE	D,W (Default ,White Level)

## Flight Availability Request/Response (OneWay)

Process Name : FARE\_CHECK

Request:-

```
{
  "NAME": "FARE_CHECK",
  "STR": [
    {
      "FLIGHT": {
        "UID": "39d7a130637098435008277939",
        "ID": "0",
        "TID": "0"
      },
      "PARAM": {
        "src": "DEL",
        "des": "BOM",
        "dep_date": "2019-12-22",
        "ret_date": "",
        "adt": "1",
        "chd": "0",
        "inf": "0",
        "L_OW": "2880",
        "H_OW": "21344",
        "T_TIME": "5.1562601",
        "Trip_String": "1D0vv5ycqeaxmndcdqhtatcscx~2019-11-20
10:44:54.515~f0ae70a9-ed96-4120-8b44-
83abd73b7015*****B2B*182.73.146.154*P*NOCLASS*ALL*S*API_HIT*5"
      },
      "GSTINFO": {
        "Address": "D-100 TOP XXXXXXX, \nLAJPAT XXXX-IV, NEW DELHI-
110024",
        "Company": "XXXX XXXXX.",
        "Email": "XXXXXXXX@gXXXXXXXXXXo.com",
        "Mobile": "11321654654",
        "Number": "07AAXXXXXXXXXP1ZH",
        "Pin": "135165",
        "State": "New Delhi",
        "Type": "GST Type",
        "hasGST": true/false (If have GST then true otherwise false)
      }
    }
  ],
  "TYPE": "AIR"
}
```

## Response:-

```
{
  "STATUS": [
    {
      "status": "T"
    }
  ],
  "FLIGHT": [
    {
      "ID": 0,
      "TRIPID": 0,
      "REFID": 0,
      "ORG_CODE": "DEL",
      "ORG_NAME": "Delhi",
      "DES_CODE": "BOM",
      "DES_NAME": "Mumbai",
      "DEP_DATE": "2019-12-22",
      "DEP_TIME": "02:40",
      "ARRV_DATE": "2019-12-22",
      "ARRV_TIME": "04:55",
      "ORG_TRML": "2",
      "DES_TRML": "1",
      "FLIGHT_CODE": "G8",
      "FLIGHT_NAME": "GoAir",
      "FLIGHT_NO": "2501",
      "FLIGHT_LOGO": "0 -147px",
      "FARE_BASIS": "",
      "FARE_CLASS": "K09RBINE",
      "FARE_TYPE": "GS",
      "SEAT": "1",
      "STOP": 0,
      "AMOUNT": "3681",
      "SERVICE": "Baggage:Cabin=7Kg,Checkin=15 KG",
      "DURATION": "0d:2h:15m",
      "OPERATION_INFO":
        "gFw1tFaYeys=|ZMGZ0e+1YapceVfK/BPeE01QYfxnGmPd2jNS7b10/hQ52qpAQNTqpy"
    }
  ]
}
```

```

05Ruzek1trAKBnwGGPzVzB1LI6xyUsro97teQjkqKD3f8obobDemjZNMdJdsIS39GOEL
LWwNbB+SSE37AK1EAta9ECZ4kiwQ==" ,
"LAYOVER_INFO": "",
"OTHER_INFO": "G8~2501~ ~~DEL~12/22/2019 02:40~BOM~12/22/2019
04:55~~|0~K~ ~G8~K09RBINE~0004~~0~31~~X,1|",
"PCC": "G8DEL80003P~MAIN",
"APPKEY": "",
"MARKUP": "",
"NET_FARE": "3540"
}
],
"CON_FLIGHT": [],
"FARE": [
{
  "ID": 0,
  "TRIPID": 0,
  "REFID": 0,
  "BASIC_ADT": 2591,
  "BASIC_CHD": 0,
  "BASIC_INF": 0,
  "YQ_ADT": 400,
  "YQ_CHD": 0,
  "YQ_INF": 0,
  "TAX_ADT": 690,
  "TAX_CHD": 0,
  "TAX_INF": 0,
  "TOTAL_ADT": 3681,
  "TOTAL_CHD": 0,
  "TOTAL_INF": 0,
  "GRAND_TOTAL": 3681,
  "REFUNDABLE": "refundable",
  "FARE_TYPE": "GS",
  "SEAT": 1,
  "FARE_CLASS": "K09RBINE",
  "FARE_BASIS_ADT": "K09RBINE",
  "FARE_BASIS_CHD": "",
  "FARE_BASIS_INF": "",
  "SERVICE": "Baggage:Cabin=7Kg,Checkin=0004,15 KG",
  "OTHER_INFO": "ab=2591,ay=400,at=690",
  "PCC": "G8DEL80003P~MAIN",
  "APPKEY": "",
  "MARKUP": ""
}
],
"PARAM": [
{
  "src": "DEL",
  "des": "BOM",
  "dep_date": "2019-12-22",
  "ret_date": "",
  "adt": "1",
  "chd": "0",

```



```

    "inf": "0",
    "L_OW": "2880",
    "H_OW": "21344",
    "T_TIME": "5.1562601",
    "Trip_String": "1D0vv5ycqeaxmndcdqhtatcscx~2019-11-20
10:44:54.515~f0ae70a9-ed96-4120-8b44-
83abd73b7015*****B2B*182.73.146.154*P*NOCLASS*ALL*S*API_HIT*5"
  }
],
"Deal": [
  {
    "DISCOUNT": "159",
    "CB": "0",
    "SERVICE_FEE": "10",
    "PROMO": "False|XXXXX|0"
  }
],
"FARE_RULE": [
  {
    "ID": 16,
    "FCODE": "G8",
    "F_ALIAS": "MAIN",
    "SECTOR": "D",
    "LOGIC_TYPE": null,
    "LOGIC": null,
    "FARE_RULE": "For B2C customers 200Rs charges per person per sector
will be charged on all cancellations and 200Rs as Rescheduling charges.",
    "CHECKIN_BAG": "15 KG",
    "CABIN_BAG": "7 KG",
    "CANCEL_FEE": "ASAP Airlines",
    "DATE_CHANGE_FEE": "ASAP Airlines",
    "ACTIVE": true,
    "ETIME": "2017-06-26T15:06:20.19",
    "FEE":
    "{\"CF\": \"200\", \"RF\": \"200\", \"CFB\": \"50\", \"RFB\": \"50\"}",
    "TAG": null
  }
]
}

```

## Request and Response Keys Description

KEY	DESCRIPTION
STATUS	'T' represent that fare is Nat fluctuated And 'F ' represent fare fluctuated
ORG_TRML	Departure Terminal City
DES_TRML	Arrival Terminal City
REFID	Reference Id Internal use
FARE_TYPE	Fare Type
ORG_TRML	Departure Terminal
DES_TRML	Arrival Terminal

SEAT	Seat Available
STOP	Flight stop
AMOUNT	Flight Fare
SERVICE	For internal use
DURATION	Duration (Day: Houses :Minutes)
OPERATION_INFO	Internal Use
LAYOVER_INFO	Wait time connecting Flight
OTHER_INFO	Other Information
MARKUP	Client Deeside
APPKEY	For Future Use

FARE_RULE		
LOGIC_TYPE	Internal Use	
LOGIC	Internal Use	
FARE_RULE		
FEE	CFB = Rs.50 (cancel Fee B2B)	RFB= Rs. 50( residual Fee B2B)
TAG	Internal Use	
<b>Deal</b> (Deal are Dynamic)		
DISCOUNT	28 ( Discount On fare)	
CB	Cash Back Discount	
SERVICE_FEE	Service Discount	
PROMO	Promo Code	

## PNR Request/Response

Process Name : PNR\_CREATION

### Request:-

```
{
  "STATUS": [
    {
      "status": "T"
    }
  ],
  "FLIGHT": [
    {
      "ID": 1,
      "TRIPID": 0,
      "REFID": 1,
      "ORG_CODE": "DEL",
    }
  ]
}
```

```

"ORG_NAME": "Delhi",
"DES_CODE": "VNS",
"DES_NAME": "Varanasi",
"DEP_DATE": "2019-11-25",
"DEP_TIME": "19:00",
"ARRV_DATE": "2019-11-25",
"ARRV_TIME": "20:40",
"ORG_TRML": "1D",
"DES_TRML": "",
"FLIGHT_CODE": "SG",
"FLIGHT_NAME": "Spice Jet",
"FLIGHT_NO": "2538",
"FLIGHT_LOGO": "0 -105px",
"FARE_BASIS": "",
"FARE_CLASS": "USAVER",
"FARE_TYPE": "SS",
"SEAT": "1",
"STOP": 0,
"AMOUNT": "2407",
"SERVICE": "Baggage:Cabin=7Kg,Checkin=30KG",
"DURATION": "0d:1h:40m",
"OPERATION_INFO":
"atRvBBL0m3Q=|jyS/FQQ6RQE5Jn4BKgajXj3WEs+hZQg03Is5v0lRcsaZVsK9VUQjumuDki0IE4+htj/
oJ7fS/NDcYxkQc/+MKTjY4BgHmJJCasbGYJXFizmmvLORAA0545Ht0jB9D+0yIUzb4SLvbNE=",
  "LAYOVER_INFO": "",
  "OTHER_INFO": "SG~2538~ ~DEL~11/25/2019 19:00~VNS~11/25/2019 20:40~~|0~U~
~SG~USAVER~1921~~0~15~~X,1|",
  "PCC": "SGAPITESTIDD~DEV",
  "APPKEY": "",
  "MARKUP": "",
  "NET_FARE": "2356"
}
],
"CON_FLIGHT": [],
"FARE": [
{
  "ID": 1,
  "TRIPID": 0,
  "REFID": 1,
  "BASIC_ADT": 1872,
  "BASIC_CHD": 0,
  "BASIC_INF": 0,
  "YQ_ADT": 0,
  "YQ_CHD": 0,
  "YQ_INF": 0,
  "TAX_ADT": 535,
  "TAX_CHD": 0,
  "TAX_INF": 0,
  "TOTAL_ADT": 2407,
  "TOTAL_CHD": 0,
  "TOTAL_INF": 0,
  "GRAND_TOTAL": 2407,

```

```

    "REFUNDABLE": "refundable",
    "FARE_TYPE": "SS",
    "SEAT": 1,
    "FARE_CLASS": "USAVER",
    "FARE_BASIS_ADT": "USAVER",
    "FARE_BASIS_CHD": "",
    "FARE_BASIS_INF": "",
    "SERVICE": "Baggage:Cabin=7Kg,Checkin=30KG",
    "OTHER_INFO": "ab=1872,ay=0,at=535",
    "PCC": "SGAPITESTIDD~DEV",
    "APPKEY": "",
    "MARKUP": ""
  },
],
"PARAM": [
{
  "src": "DEL",
  "des": "VNS",
  "dep_date": "2019-11-25",
  "ret_date": "",
  "adt": "1",
  "chd": "0",
  "inf": "0",
  "L_OW": "2407",
  "H_OW": "2407",
  "T_TIME": "2.8124792",
  "Trip_String": "1D0vv5ycqeaxmndcdqhtatcscx~2019-11-15 17:02:05.523~cf3aaf0d-
d117-4b75-8962-572243347459*****B2B*182.73.146.154*D*Economy*SG*D*API_HIT*5"
}
],
"Deal": [
{
  "DISCOUNT": "54",
  "CB": "0",
  "SERVICE_FEE": "0",
  "PROMO": "False|XXXXX|0"
}
],
"FARE_RULE": [
{
  "ID": 11,
  "FCODE": "SG",
  "F_ALIAS": "DEV",
  "SECTOR": "D",
  "LOGIC_TYPE": "SECTOR",
  "LOGIC": "EC=15KG,BU=30KG",
  "FARE_RULE": "For B2C customers 200Rs charges per person per sector will be
charged on all cancellations and 200Rs as Rescheduling charges.",
  "CHECKIN_BAG": "30KG",
  "CABIN_BAG": "7 KG",
  "CANCEL_FEE": "ASAP Airlines",
  "DATE_CHANGE_FEE": "ASAP Airlines",

```

```

    "ACTIVE": true,
    "ETIME": "2016-12-07T14:40:50.32",
    "FEE": "{\\"CF\\":\\"200\\",\\"RF\\":\\"200\\",\\"CFB\\":\\"50\\",\\"RFB\\":\\"50\\"}",
    "TAG": null
  }
],
"PAX": [
  {
    "year": "",
    "ttl": "MR",
    "fn": "TESTA",
    "ln": "TESTB",
    "type": "adult",
    "mn": "",
    "dob": "1989-07-01",
    "meal": "",
    "baggage": "",
    "refundable": "",
    "status": "",
    "apnr": "",
    "gpnr": "",
    "tktno": "",
    "fare": "",
    "ffn": "",
    "tc": "",
    "nat": "IN",
    "pi": "IN",
    "other_info": ""
  }
],
"TYPE": "DC",
"NAME": "PNR_CREATION",
"Others": [
  {
    "REMARK": "Agent ID",
    "CUSTOMER_EMAIL": "xxxxxx@gmail.com",
    "CUSTOMER_MOBILE": "9876543210"
  }
]
}

```

**Response:-**

```

{
  "RESULT": [

```

```
{
  {
    "BOOKINGID": "API16370986394971141300df32"
  }
}
```

## Booking Retrieve Request/Response

Process Name : Booking Retrieve

### Request:-

```
{
  "TYPE": "DC",
  "NAME": "PNR_RETRIVE",
  "STR": [
    {
      "BOOKINGID": "API76370988617306932976008f",
      "CLIENT_SESSIONID": "8fd3e0e0-21c7-4101-b71a-0f570545830f",
      "MODULE": "B2B",
      "HS": "D"
    }
  ]
}
```

### Response:-

```
{
  "CON_FLIGHT": [],
  "Deal": [
    {
      "CB": "0",
      "DISCOUNT": "23",
      "PROMO": "False|XXXXX|0",
      "SERVICE_FEE": "10"
    }
  ]
}
```

```
],
"FARE": [
{
  "APPKEY": "",
  "BASIC_ADT": 2240,
  "BASIC_CHD": 0,
  "BASIC_INF": 0,
  "FARE_BASIS_ADT": "USAVER",
  "FARE_BASIS_CHD": "",
  "FARE_BASIS_INF": "",
  "FARE_CLASS": "USAVER",
  "FARE_TYPE": "RS",
  "GRAND_TOTAL": 2861,
  "ID": 53,
  "MARKUP": "",
  "OTHER_INFO": "ab=2240,ay=0,at=621",
  "PCC": "SGKTDEL51006P~MAIN",
  "REFID": 0,
  "REFUNDABLE": "refundable",
  "SEAT": 9,
  "SERVICE": "Baggage:Cabin=7Kg,Checkin=15KG",
  "TAX_ADT": 621,
  "TAX_CHD": 0,
  "TAX_INF": 0,
  "TOTAL_ADT": 2861,
  "TOTAL_CHD": 0,
  "TOTAL_INF": 0,
  "TRIPID": 0,
  "YQ_ADT": 0,
  "YQ_CHD": 0,
  "YQ_INF": 0
}
],
"FARE_RULE": [
{
  "ACTIVE": true,
  "CABIN_BAG": "7 KG",
  "CANCEL_FEE": "ASAP Airlines",
  "CHECKIN_BAG": "15KG",
  "DATE_CHANGE_FEE": "ASAP Airlines",
  "ETIME": "2019-09-27T15:42:23.477",
  "FARE_RULE": "For B2C customers 200Rs charges per person per sector will be charged on all cancellations and 200Rs as Rescheduling charges.",
  "FCODE": "SG",
  "FEE": "{\"CF\":\"2250\",\"RF\":\"2250\",\"CFB\":\"50\",\"RFB\":\"50\"}",
  "F_ALIAS": "MAIN",
  "ID": 33,
  "LOGIC": "EC=15KG,BU=30KG",
  "LOGIC_TYPE": "SECTOR",
  "SECTOR": "D"
}
],
```

```

"FLIGHT": [
{
  "AMOUNT": "2861",
  "APPKEY": "",
  "ARRV_DATE": "2019-12-02",
  "ARRV_TIME": "02:40",
  "DEP_DATE": "2019-12-02",
  "DEP_TIME": "00:50",
  "DES_CODE": "MAA",
  "DES_NAME": "Chennai",
  "DES_TRML": "1",
  "DURATION": "0d:1h:50m",
  "FARE_BASIS": "",
  "FARE_CLASS": "USAVER",
  "FARE_TYPE": "RS",
  "FLIGHT_CODE": "SG",
  "FLIGHT_LOGO": "0 -105px",
  "FLIGHT_NAME": "Spice Jet",
  "FLIGHT_NO": "6287",
  "ID": 53,
  "LAYOVER_INFO": "",
  "MARKUP": "",
  "NET_FARE": "2849",
  "OPERATION_INFO":
  "v19SRKJo8eQ=|GJxh+8chqI21NFZ8Cu9vCz1ivYsWzKr0mI+a912IsMwfDVVROvOP0inSNp2IVE/R8Ih
  i/iqCMv2ptwyi5eA70j5eeu/QWollYHC8njS6F8arvb4/VEYVfSrnew2NrbboxfKsrgxItRMzzzX96UKp
  Qw==",
  "ORG_CODE": "BOM",
  "ORG_NAME": "Mumbai",
  "ORG_TRML": "2",
  "OTHER_INFO": "SG~6287~ ~~BOM~12/02/2019 00:50~MAA~12/02/2019 02:40~~|0~U~
  ~SG~USAVER~1020~~0~48~~X,9|",
  "PCC": "SGKTDEL51006P~MAIN",
  "REFID": 0,
  "SEAT": "9",
  "SERVICE": "Baggage:Cabin=7Kg,Checkin=15KG",
  "STOP": 0,
  "TRIPID": 0
}
],
"OI": [
{
  "CUSTOMER_EMAIL": "pranav01214@outlook.com",
  "CUSTOMER_MOBILE": "9502886016",
  "REMARK": ""
}
],
"PARAM": [
{
  "H_OW": "14589",
  "L_OW": "14589",
  "T_TIME": "4.2656122",

```



```

    "Trip_String": "1D519d5ddf-68b5-4a05-b075-48e445e3ebc1~2019-11-19
11:39:04.929~2a5f7a39-e053-40bc-8e54-
4e7aaca4f07a*****B2B*149.129.132.160*P*NOCLASS*ALL*S*API_HIT*5",
    "adt": "1",
    "chd": "0",
    "dep_date": "2019-12-02",
    "des": "MAA",
    "inf": "0",
    "ret_date": "",
    "src": "BOM"
  }
],
"PAX": [
  {
    "apnr": "",
    "baggage": "",
    "dob": "",
    "fare": "",
    "ffn": "",
    "fn": "N",
    "gpnr": "",
    "ln": "GUNASEKHAR",
    "meal": "",
    "mn": "",
    "nat": "",
    "other_info": "",
    "pi": "",
    "refundable": "",
    "status": "",
    "tc": "",
    "tktno": "",
    "ttl": "Mr",
    "type": "adult",
    "year": ""
  }
],
"STATUS": [
  {
    "status": "T"
  }
],
"Charges": [
  {
    "bookingId": "API2637097603750396878130c8",
    "TRIP": "1D",
    "basicFares": 2240,
    "totalYQ": 0,
    "totalTaxes": 621,
    "totalBag": 0,
    "totalMeal": 0,
    "updatedFare": 0,
    "serviceFee": 10,
  }
]

```

```

    "discount": 23,
    "fromWallet": 2861,
    "fromGateway": 0,
    "fromProccessFee": 0,
    "promoCode": "XXXXX",
    "promoAmount": 0,
    "Insurance": 0,
    "allFare": 2861,
    "TDSP": "5",
    "TDSA": "1"
  },
],
"Others": [
{
  "other":
"9502886016|WALLET|pranav01214@outlook.com|NA|NA|NA|pranav01214@outlook.com|95028
86016|",
  "AltMobile": "NA",
  "AltEmail": "NA",
  "CustMobile": "9502886016",
  "CustEmail": "pranav01214@outlook.com",
  "PaymentSource": "WALLET",
  "GATEWAY_NAME": "",
  "PFSTR": "NA"
}
],
"Login_Status": [
{
  "STATUS": [
    {
      "STATUS": "",
      "DESP": "",
      "WALLET": ""
    }
  ],
  "CUSTOMER_INFO": [
    {
      "CUST_ID": "35657925",
      "EMAIL": "ticket@happyeasygo.com",
      "MOBILE": "7290099239",
      "TOKEN": "2a5f7a39-e053-40bc-8e54-4e7aaca4f07a"
    }
  ]
}
],
"AGENTINFO": [
{
  "CLK": "2a5f7a39-e053-40bc-8e54-4e7aaca4f07a",
  "USER_TYPE": "ADMIN",
  "AGENCY_NAME": "HAPPYEASYGO INDIA PRIVATE
LIMITED|35657925|ticket@happyeasygo.com|7290099239||5|S",
  "WALLET": 0
}
]

```

```

}
],
"PayMode": [
{
  "GATEWAY": "WALLET",
  "ID": 0,
  "BANK_NAME": "WALLET",
  "OTHER_INFO": "Use Wallet as default payment mode",
  "PROC": 0,
  "FARE": 0,
  "FF": 0,
  "MODE": "WALLET",
  "WALLET_AMOUNT": 0,
  "TRIP": "",
  "PAY_FROM": "[]",
  "PG_CODE": "WALLET",
  "PG_ALIAS": "WALLET",
  "PG_COMPONENT": "WALLET",
  "PG_PRCNT": 0,
  "PG_FIXED": 0,
  "PG_ORDER": 0,
  "PG_STATUS": true,
  "MODULE": "B2B"
}
]
}

```

## Agency Balance Request/Response

### Request:-

```

{
  "TYPE": "DC",
  "NAME": "AGENT_BALANCE",
  "STR": [
    {
      "TOKEN": "6c665b44-0b57-4b2c-91ce-dacf9af7edc3"
    }
  ]
}

```

### Response:-

```

{
  "AGENT_ID": "18785869",
  "BALANCE": 28583
}

```

}

## Reporting

### Endpoint URL Description

URL (Use For Development)	DESCRIPTION
<a href="http://auth.ksofttechnology.com/API/AUTH">http://auth.ksofttechnology.com/API/AUTH</a>	AUTH
<a href="http://mdt.ksofttechnology.com/API/FLIGHT">http://mdt.ksofttechnology.com/API/FLIGHT</a>	Get Flight
<a href="http://mdt.ksofttechnology.com/API/AVLT">http://mdt.ksofttechnology.com/API/AVLT</a>	Fare & Seat availability
<a href="http://mdt.ksofttechnology.com/API/flight">http://mdt.ksofttechnology.com/API/flight</a>	PNR Create ,API Balance
<a href="http://mdt.ksofttechnology.com/API/flight">http://mdt.ksofttechnology.com/API/flight</a>	PNR Retrieve

URL (Use For Production)	DESCRIPTION
<a href="http://auth.ksofttechnology.com/API/AUTH">http://auth.ksofttechnology.com/API/AUTH</a>	Flight Search
<a href="http://caller.ksofttechnology.com/API/FLIGHT">http://caller.ksofttechnology.com/API/FLIGHT</a>	Get Flight
<a href="http://caller.ksofttechnology.com/API/AVLT">http://caller.ksofttechnology.com/API/AVLT</a>	Fare & Seat availability
<a href="http://caller.ksofttechnology.com/API/flight">http://caller.ksofttechnology.com/API/flight</a>	PNR Create ,API Balance
<a href="http://caller.ksofttechnology.com/API/flight">http://caller.ksofttechnology.com/API/flight</a>	PNR Retrieve

## API Integration summary

### Steps for starting API Integration:-

1. <http://kafilaholidays.in/registration>
2. Login to <http://ksofttechnology.com> (For development Request /Response sample string).
3. Follow the procedure flow as mention below

