API endpoint URL : ks-modx.dev/ks-car/c5/api/

Authentication

$user = 'ksApi';

$pass = 'mLaE%E9WGQEJU5Q';

## getPrice.php

method : POST

return : json

POST variable

required variable:

Below all variable is required for find out the match plans.

|  |  |  |
| --- | --- | --- |
| **name** | **remark 1** | **remark 2** |
| **dob** | **format dd-mm-yyyy** | **dob or age** |
| **age** | **int** | **dob or age** |
| **ncd** | **10 / 20 / 30 /40 / 50 / 60** | **eg 30** |
| **drivingExp** | **lt\_1yr / 1to2 / gt\_2yr** | **match with db** |
| **drivingExpText** | **Free text** | **Required when drivingExp is empty** |
| **insuranceType** | **Third\_Party\_Only / Comprehensive / Comprehensive\_Third\_Party** | **match with db** |
| **yearManufacture** | **int** | **eg 2010** |
| **carMake** | **int ( id 9999 for other , free text for carModel)** | **match with db** |
| **carModel** | **int / text ( int for key of db , text for carMake is 9999 )** | **match with db , carModel or carModelOther** |
| **carModelOther** | **text (one more option for free text) , this will replace carModel when not empty** | **carModel or carModelOther** |
| **occupation** | **int** | **match with db** |
| **occupationText** | **Free text** | **Required when occupation is empty** |
| **motor\_accident\_yrs** | **int ( 1 / 0 )** | **No need to pass if not find plans** |
| **drive\_offence\_point** | **int ( 1 / 0 )** | **No need to pass if not find plans** |

isSave is for save all the data to database , include user info , plans match info …

name, contactno , email is required

|  |  |  |
| --- | --- | --- |
| **isSave** | **1 (optional)** | **pass this for need to save user info** |
| **name** | **text , required** | **check empty** |
| **contactno** | **text , required** | **check empty** |
| **email** | **text , required** | **check empty , check format** |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **skipFindRule** | **1 (optional)** | **Pass this if no need to find the plan result. Eg short form for 28car** |

Below is optional data

|  |  |  |
| --- | --- | --- |
| **address** |  |  |
| **gender** |  |  |
| **marital\_status** |  |  |
| **residential\_district** |  |  |
| **lang** | **default en** | **en / zh** |
| **hkid\_1** |  | **check id format** |
| **hkid\_2** |  | **check id format** |
| **hkid\_3** |  | **check id format** |
| **vehicle\_registration** |  |  |
| **yearly\_mileage** |  |  |
| **referer** | **default kwiksure** | **eg car28** |
| **policy\_start\_date** | **format dd-mm-yyyy** | **Default empty -> ys default null** |
| **policy\_end\_date** | **format dd-mm-yyyy** | **Default empty -> ys default null** |
| **planID** |  |  |
| **subPlanID** |  |  |
| **payButtonClick** | **1** | **Checking number of click** |
| **drive\_to\_work** | **int ( 1 / 0 )** | **Default null** |
| **course\_of\_work** | **int ( 1 / 0 )** | **Default null** |
| **convictions\_5\_yrs** | **int ( 1 / 0 )** | **Default null** |
| **sum\_insured** | **decimal(12,2)** | **Default 0.00 , website need input when ‘**Comprehensive’ or ‘Comprehensive\_Third\_Party’ |
| **bodyType** |  | Saloon / Station Waggon / Convertible |
| **numberOfDoors** |  |  |
| **chassisNumber** |  |  |
| **engineNumber** |  |  |
| **cylinderCapacity** | **Int** |  |
| **numberOfSeats** |  |  |

Driver2

|  |  |  |
| --- | --- | --- |
| **name2** |  |  |
| **relationship2** |  |  |
| **drivingExp2** | **lt\_1yr / 1to2 / gt\_2yr** |  |
| **occupation2** | **int** |  |
| **dob2** | **format dd-mm-yyyy** |  |
| **gender2** |  |  |
| **hkid\_1\_2** |  | **check id format** |
| **hkid\_2\_2** |  | **check id format** |
| **hkid\_3\_2** |  | **check id format** |
| **marital\_status2** |  |  |
| **drive\_offence\_point2** | **int ( 1 / 0 )** |  |
| **motor\_accident\_yrs2** | **int ( 1 / 0 )** |  |

Return variable

|  |  |  |
| --- | --- | --- |
| **result** | **1 / 0 / -1** | **1 success / -1 error / 0 - isSave not set and plan not find** |
| **resultDesc** | **Array(text)** | **debug only … may remove** |
| **plans** |  | **plan info (id,total\_price,details,** **subPlans)** |
| **planRowKey** |  | **match with db** |
| **process** |  | **debug only … may remove** |
| **error** | **Error set** | **When result = -1** |

Save to db ( isSave = 1 / true )

|  |  |  |
| --- | --- | --- |
| **refno** |  | **for web link use** |
| **refid** |  | **db table id** |

Hit Rule

|  |  |  |
| --- | --- | --- |
| **Driver1** | **Driver2** | **Result** |
| **Hit** | **No Driver2** | **Show plan** |
| **Hit** | **Not Hit** | **No plan** |
| **Hit A** | **Hit A** | **Show plan** |
| **Hit A** | **Hit B** | **No plan** |
|  |  |  |

Eg return json (find plan only)

{

"result": 1,

"resultDesc": "100 : Plan find",

"plans": [

{

"id": "1",

"total\_price": "666",

"details": {

"5": "$5000",

"6": "10000"

}

}

],

"planRowKey": [

5,

6

}

Eg return json for save

{

"result": 1,

"resultDesc": "200 : save ok",

"refno": "0c21b9443c61314e1efd98a522ba3a4b3218e24a",

"refid": "10101090"

}

## getQuote.php

get all info from db , given by the refno (web use id)

method : GET

return : json

Get variable

required variable

|  |  |  |
| --- | --- | --- |
| **refno** | **required** | **check empty** |

Return variable

|  |  |  |
| --- | --- | --- |
| **result** | **1 / -1** | **1 success / -1 error** |
| **motor\_details** | **result set** |  |
| **error** | **error set** |  |

Eg return json

{

"result": 1,

"motor\_details": {

"gender": "Female",

"residential\_district": "New\_Territories",

"marital\_status": "Married",

"ncd": "60",

"drivingExp\_key": "gt\_2yr",

"insuranceType\_key": "Third\_Party\_Only",

"yearManufacture": "2012",

"carMake\_key": "4",

"carModel\_key": "41",

"occupation\_key": "17",

"vehicle\_registration": "dddd",

"yearly\_mileage": "17,500 - 22,500",

"motor\_accident\_yrs": "0",

"drive\_offence\_point": "0",

"policy\_start\_date": "28-06-2014",

"policy\_end\_date": "27-06-2015",

"name": "test",

"email": "check@check.com",

"contactno": "31132112",

"hkid\_1": "b",

"hkid\_2": "111111",

"hkid\_3": "1",

"dob": "20-06-1980"

}

}