**API Specification Doc**

**( *Olay*)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 1.0 | 30-Apr-2013 | Ray | Initial draft |
| 1.1 | 20-May-13 | Ray | Initial draft |
| 1.2 | 27-May-13 | Ray | device token add |

Index

Methods

url : http://iwantacar.co.uk/cars/index.php/

example : http://iwantacar.co.uk/cars/index.php/api/login\_user?umail=admin&upass=abc

## login

Login by email address or user account

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | index.php/api/login\_user?umail=admin&upass=abc&d\_token=18316239412 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | umail | string |
| GET | upass | string |
| GET | d\_token | string |

umail : mail address of the user account or username

upass : password of the user account

d\_token : device token of the app

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "uid": “user id”, “sid”=”session id”, “error”=”error message”, “status” : “status”  } |
| uid: | success : >0  failure : -1 |
| sid: | success : non-zero length string  failure : zero length string |
| status | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## register (sign up)

Registers new user by email address or user account with facebook id (optional)

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | index.php/api/register\_user?uname=admin&umail=admin@admin.com&upass=abc&d\_token=18316239412 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uname | string : username |
| GET | umail | string : user mail address |
| GET | upass | string : user password |
| GET | d\_token | string : device token |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "uid": “user id”, “sid” : ”session id”, “error” : ”error message”, “status” : “status”  } |
| uid: | success : >0  failure : -1 |
| sid: | success : non-zero length string  failure : zero length string |
| status | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Login by facebook id

Login using facebook id and user email address.

It has sign up details for signing up such as uname,upass

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | index.php/api/login\_user\_f?umail=admin@admin.com&fname=fbadmin& uname=admin&upass=abc&d\_token=18316239412 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | umail | string : user mail address |
| GET | fname | string : facebook id |
| GET | uname | string : username |
| GET | upass | string : user password |
| GET | d\_token | string : device token id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "uid": “user id”, “sid” : ”session id”, “error” : ”error”, “status” : ”status”  } |
| uid: | success : >0  failure : -1 |
| sid: | success : non-zero length string  failure : zero length string |
| status | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Update User details

Update user files after user is created.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | index.php/api/update\_user?uid=123&sid=1234&ufuname=ray\_jin& c\_car=Audi&a\_me=about\_me&loc=kkk&userfile=image pattern: update\_user.html |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | Uid | int : user id returned by service |
| POST | sid | string : session id |
| POST | ufuname | string : user full name |
| POST | c\_car | string : current car name |
| POST | a\_me | string : about me |
| POST | loc | string : default location (postal code) |
| POST | Profile | file : image |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  “error” : ”error” , “status” : ”status”  } |
| status | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Get User profile

Get user profiles

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | index.php/api/get\_user\_profile?uid=123&sid=1234 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | Uid | int : user id returned by service |
| GET | Sid | string : session id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  “error” : ”error” , “status” : ”status” , “ufuname” : ”ufuname” ,  “a\_me” : ”About me” ,  “c\_car” : ”Current Car” ,  “loc” : ”London” , “img\_loc” : ”http://www.xxx.com/uplodas/xxx.jpg”  } |
| status | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |
| uf\_id | success : >0 valid user\_profile id  failure : empty |
| ufuname | success : full user name  failure : empty message |
| c\_car | success : current car name  failure : empty message |
| a\_me | success : about me text  failure : empty message |
| loc | success : default postal code  failure : empty message |
| img\_loc | success : image url  failure : empty message |

## Add Car Listing

Add car information details.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /index.php/car/add\_listing?uid=123&sid=1234&reg=abc&price=120 &userfile[]=image[] pattern: carlisting.html |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | uid | int : user id returned by service |
| POST | sid | string : session id |
| POST | reg | string : reg info |
| POST | price | float : price |
| POST | userfile | file : image array |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  “status” : ”status”, "cid": “car id”, “error”=”error”  } |
| status | success : 0  failure : -1 |
| cid: | success : >0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Update Car Listing\_2

Update car information once it is added.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /index.php/car/update\_car2?uid=1&sid=2ef411c5bf105249fd58f561d9188058  &cid=50&make=Audi&model=lay&year=2005&f\_type=abc&trans=auto  &m\_age=12&desc=123zx |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | uid | int : user id returned by service |
| POST | sid | string : session id |
| POST | cid | string : car id |
| POST | make | string : make |
| POST | model | string : model |
| POST | year | int : year |
| POST | f\_type | string : fuel type |
| POST | trans | string : transmission |
| POST | m\_age | float : mile age |
| POST | desc | string : description |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”, “error” : ”error”  } |
| status | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Remove Car Listing

Remove car from the db.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/remove\_car?uid=1&sid=09bdd7529cd3913afa38cd7d76bc024c&cid=50 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | cid | string : car id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”, “error” : ”error”  } |
| status | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Add car into watch list

Add car into watch list.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/add\_watch\_car?uid=1&sid=2ef411c5bf105249fd58f561d9188058&cid=49 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | cid | string : car id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "uid": “user id”, “error” : ”error”  } |
| status: | success : 0  failure : -1 |
| wcid: | success : >0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## List user’s watch list

List users’ car watch list. :list\_watch\_car

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/list\_watch\_car?uid=1&sid=90c3b19c9a199bec66768602e2d5b7  c5 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “user id”,  “cars” : ”array of car details”,  "error" : error  }  cars in details :  [{"cid" : "4","make" : "Audi", "model" :"Audi", "year" : “2005”, "fuel\_type" : “Disel”, "transmission" : “auto”, "mileage" : “200”, "desc" : “new comment”}, {"cid" : "4","make" : "Audi", "model" :"Audi", "year" : “2005”, "fuel\_type" : “Disel”, "transmission" : “auto”, "mileage" : “200”, "desc" : “new comment”}] |
| status: | success : 0  failure : -1 |
| cars | success : array of collection, it’s size can be 0  failure : null |
| error: | success : null or empty string  failure : error message |

## Remove user’s watch list

Remove one car from users’ car watch list. :remove\_watch\_list

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/remove\_watch\_car?uid=1&sid=90c3b19c9a199bec66768602e2d5b7c5&cid=49 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”, “error” : ”error”  } |
| status: | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Browse latest cars

List latest cars added by descending order

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/list\_latest\_cars?number=10&offset=100 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | number | int : number of items to be displayed (default: 10) |
| GET | offset | int : starting index |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”,  “cars” : ”array of car details”,  "error" : “error message”  }  cars in details :  [{"cid" : "4","make" : "Audi", "model" :"Audi", "year" : “2005”, "fuel\_type" : “Disel”, "transmission" : “auto”, "mileage" : “200”, "desc" : “new comment”}, {"cid" : "4","make" : "Audi", "model" :"Audi", "year" : “2005”, "fuel\_type" : “Disel”, "transmission" : “auto”, "mileage" : “200”, "desc" : “new comment”}] |
| status: | success : 0  failure : -1 |
| cars | success : array of collection, it’s size can be 0  failure : null |
| error: | success : null or empty string  failure : error message |

## Advanced Search

Get list using advanced search item

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/a\_search?uid=1&sid=b730ab214c71d29dd34a0105dc7c7499  &make=&model=&s\_price=250&e\_price=400&p\_code=AB1&radius=10&number=10&offset=2 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | make | string : car make |
| GET | model | string : car model |
| GET | s\_price | int : start price |
| GET | e\_price | int : end price |
| GET | p\_code | string : postal code  3 letters : if present  empty string : simply ignore |
| GET | radius | float : radius from current location |
| GET | number | int : limit |
| GET | offset | int : offset |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”,  “cars” : ”array of car details”,  "error" : error  }  cars in details :  [{"cid" : "4","make" : "Audi", "model" :"Audi", "year" : “2005”, "fuel\_type" : “Disel”, "transmission" : “auto”, "mileage" : “200”, "desc" : “new comment”}, {"cid" : "4","make" : "Audi", "model" :"Audi", "year" : “2005”, "fuel\_type" : “Disel”, "transmission" : “auto”, "mileage" : “200”, "desc" : “new comment”}] |
| status: | success : >0  failure : -1 |
| cars | success : array of collection, it’s size can be 0  failure : null |
| error: | success : null or empty string  failure : error message |

## Add Car Comment

Add comment to a specific car by a specific user

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/add\_comment\_car?uid=1&sid=b730ab214c71d29dd34a0105dc7c7499&cid=49&comment=sfskfjk%20sjfks%20sjf |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | cid | string : car id |
| GET | comment | string : comment text |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "uid": “user id”,  “comm\_id” : “newly created comment id”,  "error" : error  } |
| uid: | success : >0  failure : -1 |
| comm\_id | success : >0 |
| error: | success : null or empty string  failure : error message |

## List Car Comments

List the comments to a specific car

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/list\_comment\_car?uid=1&sid=b730ab214c71d29dd34a0105dc7  c7499&cid=49&number=10&offset=0 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | cid | string : car id |
| GET | offset | int : offset |
| GET | number | int : number |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”,  “comments” : array of comments  "error" : “error”  }  comments in detail : [{"comm\_id":"1","comment":"abcde"},{"comm\_id":"2","comment":"1234"}] |
| status: | success : 0  failure : -1 |
| comments | success : array of collection, it’s size can be 0  failure : null |
| error: | success : null or empty string  failure : error message |

## Remove Car Comments

Remove the specific comment .

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/remove\_comment\_car?uid=1&sid=b730ab214c71d29dd34a0105dc7c7499&comm\_id=9 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | comm\_id | int : comment id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "uid": “user id”,  "error" : “error”  } |
| status: | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Send Car Message

Send message to a specific user from a current logged in user and send email to sender’s mail address.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /index.php/car/send\_message\_car?uid=1&sid=b730ab214c71d29dd34a0105dc7c7499&r\_id=31&msg=45 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | uid | int : user id, sender id |
| POST | sid | string : session id |
| POST | r\_id | string : receiver id |
| POST | msg | string : message |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”,  “msg\_id” : “newly created msg id”,  “mailsent” : “status of mailsent”,  "error" : error  } |
| status: | success : 0  failure : -1 |
| msg\_id | success : >0 |
| mailsent | sent : true  failed : false |
| error: | success : null or empty string  failure : error message |

## Receive mail from mailgun

Receive mail from mailgun.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /reply\_msg  [http://iwantacar.co.uk/cars/reply\_msg")](https://mailgun.com/cp/routes?domain=rayjin.mailgun.org#edit/519977bdfea39839e0e74fb9) |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST | sender | string : sender email address |
| POST | subject | string : subject |
| POST | r\_id | string : receiver id |
| POST | stripped-text | string : extract real message by stripping original text out |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  Empty (create one message record and reply mail to sender)  } |

## List Car Messages

List the messages between the users.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/list\_message\_car?uid=1&sid=b730ab214c71d29dd34a0105dc7c7499&s\_id=1&r\_id=31&number=10&offset=2 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | s\_id | string : sender\_id : -1 (for any) |
| GET | r\_id | string : receiver\_id : -1 (for any) |
| GET | offset | int : offset |
| GET | number | int : number |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”,  “msgs” : array of msgs  "error" : “error”  }  msgs in detail : [{"msg\_id":"1","msg":"abcde",”c\_date”:”created”}, {"msg\_id":"1","msg":"abcde",”c\_date”:”created”}] |
| status: | success : 0  failure : -1 |
| comments | success : array of collection, it’s size can be 0  failure : null |
| error: | success : null or empty string  failure : error message |

## Remove Message Car

Remove the specific message.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/remove\_message\_car?uid=1&sid=b730ab214c71d29dd34a0105dc7c7499&msg\_id=8 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | msg\_id | int : message id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”,  "error" : “error”  } |
| status: | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Make an offer

Make an offer to a specific car from a current logged in user.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/add\_offer\_car?uid=1&sid=b730ab214c71d29dd34a0105dc7c74  99&price=11z2&msg=kzzkkl&cid=12 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id, sender id |
| GET | sid | string : session id |
| GET | cid | string : car id |
| GET | price | float : price |
| GET | msg | string : message |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”,  “offer\_id” : “newly created offer id”,  "error" : error  } |
| status: | success : 0  failure : -1 |
| offer\_id | success : >0 |
| error: | success : null or empty string  failure : error message |

## List Car Offers

List the offers for a specific car

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/list\_offer\_car?uid=1&sid=f563ef4618257851c2711469eef3fd4f  &cid=31&number=10&offset=0 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | cid | string : car id |
| GET | offset | int : offset |
| GET | number | int : number |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”,  “offers” : array of offers  "error" : “error”  }  offers in detail : [{"offer\_id":"1","msg":"abcde",”c\_date”:”created”, price: “price”,”s\_id”:”1”}, {"offer\_id":"1","msg":"abcde",”c\_date”:”created”, price: “price”,”s\_id”:”1”}]  s\_id : sender user id; |
| status: | success : 0  failure : -1 |
| offers | success : array of collection, it’s size can be 0  failure : null |
| error: | success : null or empty string  failure : error message |

## Remove Message Car

Remove the specific offer by id.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/remove\_offer\_car?uid=1&sid=f563ef4618257851c2711469eef  3fd4f&offer\_id=11 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | uid | int : user id returned by service |
| GET | sid | string : session id |
| GET | offer\_id | int : offer id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "status": “status”,  "error" : “error”  } |
| status: | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Get Car Detail

Get Car details, used in Car Detail Page

When users visit car detail page, the number of visitors for this car is increased by 1.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/get\_car\_detail?cid=11 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | cid | int : car id |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  "error" : “error”  } |
| status: | success : 0  failure : -1 |
| error: | success : null or empty string  failure : error message |

## Browse popular cars

List latest cars by descending order of num of visitors

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /index.php/car/list\_popular\_cars?number=10&offset=100 |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| GET | number | int : number of items to be displayed |
| GET | offset | int : starting index of the result |

## Response

|  |  |
| --- | --- |
| **Value** | **Response** |
| Format: | {  “cars” : ”array of car details”,  "error" : error  }  cars in details :  [{"cid" : "4","make" : "Audi", "model" :"Audi", "year" : “2005”, "fuel\_type" : “Disel”, "transmission" : “auto”, "mileage" : “200”, "desc" : “new comment”}, {"cid" : "4","make" : "Audi", "model" :"Audi", "year" : “2005”, "fuel\_type" : “Disel”, "transmission" : “auto”, "mileage" : “200”, "desc" : “new comment” , "url" : “full url”}, ] |
| status: | success : 0  failure : -1 |
| cars | success : array of collection, it’s size can be 0  failure : null |
| error: | success : null or empty string  failure : error message |