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⊆ Get Car Images

URL	https://wheatley.cs.up.ac.za/api/getimage		
Method	GET		

Parameters

Parameter Name	Required	Туре	Description
brand	*	String	The brand of the vehicle
model		String	The model of the vehicle. If not included, the logo of the brand will be returned

Return

	Return type Image path	
Return If Model is present then the Vehicle image path will be returned. Otherwise if only bran		If Model is present then the Vehicle image path will be returned. Otherwise if only brand is
description present then the brand image path will be returned		present then the brand image path will be returned

Examples

URL	Return
https://wheatley.cs.up.ac.za/api/getimage?brand=audi	https://wheatley.cs.up.ac.za/api/images/brands/audi.png
https://wheatley.cs.up.ac.za/api/getimage?brand=audi&model=R8	https://wheatley.cs.up.ac.za/api/images/models/audi_r8.jpg

Note

If you request an image of a car/brand that does not exist in the database an error will be returned. This should not be a problem as all cars returned by the get car array will have a valid image.

⇔ Get All Cars

URL	nttps://wheatley.cs.up.ac.za/api/	
Method	POST	

Parameters

	Parameters should be passed in a JSON Objects			
Parameter Name	Required	Туре	Description	
studentnum	*	String	Student num in the form uXXXXXXXX	
apikey	*	String	String that should be "a9198b68355f78830054c31a39916b7f"	
type	*	String	Type should be "GetAllCars"	
	*		Either the string "*" to return all results or specify in an array which details should returned. The array should only conta following.	
return		String/Array	['id_trim', 'make', 'model', 'generation', 'year_from', 'year_to', 'series', 'trim', 'body_type', 'number_of_seats', 'length_mm', 'width_mm', 'height_mm', 'number_of_cylinders', 'engine_type', 'drive_wheels', 'transmission',	
limit		Int	A number between 1 and 500 indicating how many results should be returned	
			If sort is used. Sort can be any of the following: Any of the following	
sort		String	['id_trim', 'make', 'model', 'generation', 'year_from', 'year_to', 'series', 'trim', 'body_type', 'number_of_seats',	
order		String	If sort is used. Order can be "ASC" or "DESC" for ascending or descending respectively	
			A object where the keys are columns of the data and the values are the search terms. Columns can be any of the follow	
search		JSON Object	['id_trim', 'make', 'model', 'series', 'trim', 'body_type', 'number_of_seats',	
	1		You can search multiple fields at a time	

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ACAR API Car Images All Cars All Makes

Return type	JSON Object
Basic Return JSON	<pre>{ "status": "success", "data": ["returned data here"] }</pre>

Return Error

Return type	JSON Object
Basic Return JSON	<pre>{ "status": "error", "message": "Error message" }</pre>

Common Error

Posting to https://wheatley.cs.up.ac.za/api will not work. You need to post https://wheatley.cs.up.ac.za/api/

Examples

```
Parameters
                                                                                                                                                              Return
                                                                                                                            "status": "success",
 "studentnum": "u12345678",
                                                                                                                            "data": [
"studentnum": "u12345678",
"type": "GetAllCars",
"limit":2,
"apikey": "a9198b68355f78830054c31a39916b7f",
"search":{
    "make": "audi",
    "model": "q3"
                                                                                                                                  {
                                                                                                                                          "id_trim": "1",
                                                                                                                                          "make": "Audi",
"model": "Q3",
                                                                                                                                           "max_speed_km_per_h": "210"
},
"sort":"max_speed_km_per_h",
"order": "DESC",
                                                                                                                                           "id_trim": "2",
                                                                                                                                          "make": "Audi",
"model": "Q3",
 "return":[
         "id_trim", "make", "model", "max_speed_km_per_h"
                                                                                                                                           "max_speed_km_per_h": "210"
                                                                                                                          ]
                                                                                                                  }
                                                                                                                            "status":
                                                                                                                                               "success",
                                                                                                                           "data": [
                                                                                                                                         "id_trim": 3,

"make": "AC",

"model": "ACE",

"generation": 193,

"year_trom": 1993,

"series": "Cabriolet",

"trim": "4.9 AT",

"body_type": "Cabriolet",

"number_of_seats": 2,

"length_mm": 4420,

"width_mm": 1870,

"height_mm": 1300,

"number_of_cylinders": 8,
 "studentnum": "u20692286",
"type":"GetAllCars",
"timit":1,
"apikey":"a9198b68355f78830054c31a39916b7f",
"return":"*"
                                                                                                                                          "number_of_cylinders": 8,
"engine_type": "Gasoline",
"drive_wheels": "Rear wheel drive",
"transmission": "Automatic",
                                                                                                                                           "max_speed_km_per_h": 225
                                                                                                                                  }
                                                                                                                          ]
```

Get All Car Makes

URL	https://wheatley.cs.up.ac.za/api/
Method	POST

Parameters

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Name	Required	Іуре	Description
studentnum	*	String	Student num in the form uXXXXXXXX
apikey	*	String	String that should be "a9198b68355f78830054c31a39916b7f"
type	*	String	Type should be "GetAllMakes"
limit			A number between 1 and 500 indicating how many results should be returned. If left blank default is 20

Common Error

Posting to https://wheatley.cs.up.ac.za/api will not work. You need to post https://wheatley.cs.up.ac.za/api/

Examples

Return

Return type	JSON Object	
Basic Return JSON	<pre>{ "status": "success", "data": ["returned data here"] }</pre>	

Return Error

Return type	JSON Object
Basic Return JSON	<pre>{ "status": "error", "message": "Error message" }</pre>