# Web API Documentation

Postman link : https://www.getpostman.com/collections/632ece9574bd3648180c

## Task 2

Get: api/v3/products

Description: Get All Products

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK | [  {"Id":1,"Name":"Tomato soup","Category":"Groceries","Price":1.39}  ,{"Id":2,"Name":"Yoyo","Category":"Toys","Price":3.75}  ,{"Id":3,"Name":"Hammer","Category":"Hardware","Price":16.99}  ] |

Get: api/v3/products/{id:int:min(2)}

Description: Get Product By Id

Url parameter: int id

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK | [  {"Id":2,"Name":"Yoyo","Category":"Toys","Price":3.75}  ] |

Get: api/v3/products?category=

Description: Get Products By Category

Params : String category

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK | [  {"Id":2,"Name":"Yoyo","Category":"Toys","Price":3.75}  ] |

Post: api/v3/products

Description: Create Product

Params :

|  |  |
| --- | --- |
| **Name** | **Datatype** |
| name | String |
| Category | String |
| Price | Double |

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 201 Created | [  {"Id":2,"Name":"Yoyo","Category":"Toys","Price":3.75}  ] |
| 400 Bad Request | {"Message":"The request is invalid.","ModelState":{"item":["Required property 'Price' not found in JSON. Path '', line 1, position 46."]}} |

Put: api/v3/products/{id:int}

Description: Update Product

Url parameter: int id

Params :

|  |  |
| --- | --- |
| **Name** | **Datatype** |
| name | String |
| Category | String |
| Price | Double |

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK | [  {"Id":2,"Name":"Yoyo","Category":"Toys","Price":3.75}  ] |
| 404 Not Found | {"Message":"No Product found!"} |

Delete: api/v3/products/{id:int}

Description: Update Product

Url parameter: int id

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK | "Successfully deleted a product” |
| 400 Not Found | {"Message":"No Product found!"} |

## Task 3

Get: api/Values

Description: Send unauthorised request

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 401  Unauthorised | {"Message":"Authorization has been denied for this request."} |

Post: api/Account/Register

Description: Register for account

HTTP request: {"Email":"test[@example.com](mailto:alice@example.com)","Password":"Password1!","ConfirmPassword":"Password1!", “GoogleRecaptchaToken”:”recaptchaToken”}

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK |  |

Get: api/Token

Description: Get access Token

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK | {  "access\_token":"imSXTs2OqSrGWzsFQhIXziFCO3rF...",  "token\_type":"bearer",  "expires\_in":1209599,  "userName":"test@example.com",  ".issued":"Wed, 01 Oct 2020 01:22:33 GMT",  ".expires":"Wed, 15 Oct 2020 01:22:33 GMT"  } |

Get: api/Values

Description: Send authorised request

Params: Authorization: Bearer: imSXTs2OqSrGWzsFQhIXziFCO3rF...

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK | "Hello, test@example.com." |

## Task 4

Get: /api/talents

Description: Get All Talents

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK | [      {          "Id": 0,          "Name": "Barot Bellingham",          "ShortName": "Barot\_Bellingham",          "Reknown": "Royal Academy of Painting and Sculpture",          "Bio": "Barot has just finished his final year at The Royal Academy of Painting and Sculpture, where he excelled in glass etching paintings and portraiture. Hailed as one of the most diverse artists of his generation, Barot is equally as skilled with watercolors as he is with oils, and is just as well-balanced in different subject areas. Barot's collection entitled \"The Un-Collection\" will adorn the walls of Gilbert Hall, depicting his range of skills and sensibilities - all of them, uniquely Barot, yet undeniably different"      },      {          "Id": 1,          "Name": "Jonathan G. Ferrar II",          "ShortName": "Jonathan\_Ferrar",          "Reknown": "Artist to Watch in 2012",          "Bio": "The Artist to Watch in 2012 by the London Review, Johnathan has already sold one of the highest priced-commissions paid to an art student, ever on record. The piece, entitled Gratitude Resort, a work in oil and mixed media, was sold for $750,000 and Jonathan donated all the proceeds to Art for Peace, an organization that provides college art scholarships for creative children in developing nations"      },      {          "Id": 2,          "Name": "Hillary Hewitt Goldwynn-Post",          "ShortName": "Hillary\_Goldwynn",          "Reknown": "New York University",          "Bio": "Hillary is a sophomore art sculpture student at New York University, and has already won all the major international prizes for new sculptors, including the Divinity Circle, the International Sculptor's Medal, and the Academy of Paris Award. Hillary's CAC exhibit features 25 abstract watercolor paintings that contain only water images including waves, deep sea, and river."      },      {          "Id": 3,          "Name": "Hassum Harrod",          "ShortName": "Hassum\_Harrod",          "Reknown": "Art College in New Dehli",          "Bio": "The Art College in New Dehli has sponsored Hassum on scholarship for his entire undergraduate career at the university, seeing great promise in his contemporary paintings of landscapes - that use equal parts muted and vibrant tones, and are almost a contradiction in art. Hassum will be speaking on \"The use and absence of color in modern art\" during Thursday's agenda."      }  ] |

Get: /api/talents/{id:int}

Description: Get Talent By Id

Response:

|  |  |
| --- | --- |
| **Status Code** | **Result** |
| 200 OK | "{      "Id": 2,      "Name": "Hillary Hewitt Goldwynn-Post",      "ShortName": "Hillary\_Goldwynn",      "Reknown": "New York University",      "Bio": "Hillary is a sophomore art sculpture student at New York University, and has already won all the major international prizes for new sculptors, including the Divinity Circle, the International Sculptor's Medal, and the Academy of Paris Award. Hillary's CAC exhibit features 25 abstract watercolor paintings that contain only water images including waves, deep sea, and river."  } |