**Task 2**

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| --- | --- |
| HttpMethod | GET |
| Route | api/v3/products |
| Description | Gets all existing products |
| URl Parameters | None. |
| Body Parameters | None. |
| HttpResponseCode | 200 Ok |
| HttpResponseData | [  {  "Id": 1,  "Name": "sample string 2",  "Category": "sample string 3",  "Price": 4.0  },  {  "Id": 1,  "Name": "sample string 2",  "Category": "sample string 3",  "Price": 4.0  }  ] |

|  |  |
| --- | --- |
| HttpMethod | GET |
| Route | api/v3/products/{id} |
| Description | Gets a product by ID |
| URl Parameters | Name: Id Type: Int Additonal Information: Required |
| Body Parameters | None. |
| HttpResponseCode | 200 Ok |
| HttpResponseData | [{“Id”: |

|  |  |
| --- | --- |
| HttpMethod | GET |
| Route | api/v3/products?category={category} |
| Description | Gets products by Category |
| URl Parameters | Name: category Type: string Additional Information: Required |
| Body Parameters | None. |
| HttpResponseCode | 200 Ok |
| HttpResponseData | [  {  "Id": 1,  "Name": "sample string 2",  "Category": "sample string 3",  "Price": 4.0  },  {  "Id": 1,  "Name": "sample string 2",  "Category": "sample string 3",  "Price": 4.0  }  ] |

|  |  |
| --- | --- |
| HttpMethod | POST |
| Route | api/v3/products |
| Description | Adds a product. |
| URl Parameters | None. |
| Body Parameters | Name: Id Type: integer Additional Information: None  Name: Name Type: string Additional Information: Required  Name: Category Type: string Additional Information: Required  Name: Price Type: decimal number Additional Information: Required Range: inclusive between 0 and 100 |
| HttpResponseCode | 200 Ok |
| HttpResponseData | {  "Id": 1,  "Name": "sample string 2",  "Category": "sample string 3",  "Price": 4.0  } |

|  |  |
| --- | --- |
| HttpMethod | PUT |
| Route | api/v3/products/{id} |
| Description | Updates a product with a specified ID |
| URl Parameters | Name: id Type: integer Additional Information: Required |
| Body Parameters | Name: Id Type: integer Additional Information: None  Name: Name Type: string Additional Information: Required  Name: Category Type: string Additional Information: Required  Name: Price Type: decimal number Additional Information: Required Range: inclusive between 0 and 100 |
| HttpResponseCode | 200 Ok |
| HttpResponseData | {  "Id": 1,  "Name": "sample string 2",  "Category": "sample string 3",  "Price": 4.0  } |

|  |  |
| --- | --- |
| HttpMethod | DELETE |
| Route | api/v3/products/{id} |
| Description | Deletes product with the ID specified |
| URl Parameters | Name: id Type: integer Additional Information: Required |
| Body Parameters | None. |
| HttpResponseCode | 200 Ok |
| HttpResponseData | None. |

**Task 3**

|  |  |
| --- | --- |
| HttpMethod | POST |
| Route | api/Account/Register |
| Description | Registers a new Account |
| URl Parameters | None |
| Body Parameters | Email string Required  Password string Required Data type: Password String Length: inclusive between 6 and 100  ConfirmPassword string Data type: Password  Captcha string Required |
| HttpResponseCode | 200 Ok |
| HttpResponseData | “Done!” |

|  |  |
| --- | --- |
| HttpMethod | POST |
| Route | /Token |
| Description | Logs in and a security Token is returned. |
| URl Parameters | None |
| Body Parameters | Email string Required  Password string Required |
| HttpResponseCode | 200 Ok |
| HttpResponseData | “access\_token”: “\*long string\*”,  “token\_type”: “bearer”,  “expires\_in”: 1209599,  “userName”: “\*Email\*”,  “.issued”: “\*Date-Time of Login\*”,  “.expires”: “\*Date-Time of Expiry date\*” |

|  |  |
| --- | --- |
| HttpMethod | GET |
| Route | api/Values |
| Description | Returns a string |
| URl Parameters | None |
| Body Parameters | None |
| HttpResponseCode | 200 Ok |
| HttpResponseData | “Hello, \*userName\*” |

|  |  |
| --- | --- |
| HttpMethod | POST |
| Route | api/Account/Logout |
| Description | Removes Bearer Token |
| URl Parameters | None |
| Body Parameters | None |
| HttpResponseCode | 200 Ok |
| HttpResponseData | None |

**Task 4**

|  |  |
| --- | --- |
| HttpMethod | GET |
| Route | api/talents |
| Description | Returns all talents |
| URl Parameters | None. |
| Body Parameters | None. |
| HttpResponseCode | 200 OK |
| HttpResponseData | [  {  "Id": 1,  "Name": "sample string 2",  "ShortName": "sample string 3",  "Reknown": "sample string 4",  "Bio": "sample string 5"  },  {  "Id": 1,  "Name": "sample string 2",  "ShortName": "sample string 3",  "Reknown": "sample string 4",  "Bio": "sample string 5"  }  ] |

|  |  |
| --- | --- |
| HttpMethod | GET |
| Route | api/talents/{id:int} |
| Description | Returns talent by id |
| URl Parameters | Name: id Type: integer Additional Information: Required |
| Body Parameters | None. |
| HttpResponseCode | 200 OK |
| HttpResponseData | {  "Id": 1,  "Name": "sample string 2",  "ShortName": "sample string 3",  "Reknown": "sample string 4",  "Bio": "sample string 5"  } |