Web API Document for Task 2

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| HttpMethod: Get |
| Route: api/v1/products |
| Description: Get all Products |
| URI Parameters: None |
| Body Parameters: None |
| HttpResponseStatusCode: 200 OK |
| HttpResponseData:  [      {          "Id": 1,          "Name": "Tomato soup",          "Category": "Groceries",          "Price": 1.39      },      {          "Id": 2,          "Name": "Yo-yo",          "Category": "Toys",          "Price": 3.75      },      {          "Id": 3,          "Name": "Hammer",          "Category": "Hardware",          "Price": 16.99      }  ] |

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| --- |
| HttpMethod: Get |
| Route: api/v1/products?category={category} |
| Description: Get products by category |
| URI Parameters:   |  |  |  | | --- | --- | --- | | Variable Name | Datatype | Required | | Category | String | Required | |
| Body Parameters: None |
| HttpResponseStatusCode: 200 OK |
| HttpResponseData:  [      {          "Id": 3,          "Name": "Hammer",          "Category": "Hardware",          "Price": 16.99      }  ] |

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| --- |
| HttpMethod: Get |
| Route: api/v1/products/{id:int:min(2)} |
| Description: Get product by id |
| URI Parameters: None |
| Body Parameters: None |
| HttpResponseStatusCode: 200 OK |
| HttpResponseData:  {      "Id": 2,      "Name": "Yo-yo",      "Category": "Toys",      "Price": 3.75  } |

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| --- |
| HttpMethod: Post |
| Route: api/v1/products |
| Description: Create product |
| URI Parameters: None |
| Body Parameters:   |  |  |  | | --- | --- | --- | | Variable Name | Datatype | Required | | Name | String | Required | | Category | String | Required | | Price | Decimal | Required | |
| HttpResponseStatusCode: 201 Created |
| HttpResponseData:  {      "Id": 4,      "Name": "abc",      "Category": "Toys",      "Price": 12.0  } |

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| --- |
| HttpMethod: Put |
| Route: api/v1/products/{id:int} |
| Description: Update product |
| URI Parameters: None |
| Body Parameters:   |  |  |  | | --- | --- | --- | | Variable Name | Datatype | Required | | Name | String | Required | | Category | String | Required | | Price | Decimal | Required | |
| HttpResponseStatusCode: 200 OK |
| HttpResponseData:  {      "Id": 4,      "Name": "abc",      "Category": "Toys",      "Price": 50.0  } |

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| --- |
| HttpMethod: Delete |
| Route: api/v1/products/{id:int} |
| Description: Delete product |
| URI Parameters: None |
| Body Parameters: None |
| HttpResponseStatusCode: 200 OK |
| HttpResponseData: "Delete successful" |