API Specification

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 1.0 | 21-07-2022 | Abhijith M | Initial draft |

## Create new category

|  |  |
| --- | --- |
| **Method** | **Url** |
| **POST** | */dreampot/api/category/<category name>* |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |

**Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | *<category name>* added as a new category |  |
| error.status | *error.message* |  |

## Get categories list

|  |  |
| --- | --- |
| **Method** | **Url** |
| **GET** | */dreampot/api/category* |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |

**Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | *<data>* |  |
| Error.status | *Error.message* |  |

## Edit category name

|  |  |
| --- | --- |
| **Method** | **Url** |
| **PUT** | */dreampot/api/category/<database Id>* |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| newCategoryName | Name to which current category name changed to | string |

**Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | *The category name updated to <new category name>* |  |
| 400 | *your request is invalid* |  |
| Error.status | *Error.message* |  |

## Delete category

|  |  |
| --- | --- |
| **Method** | **Url** |
| **DELETE** | */dreampot/api/category/<database Id>* |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |

**Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | *category with id - <database id> deleted from categories* |  |
| Error.status | *Error.message* |  |

## List products

|  |  |
| --- | --- |
| **Method** | **Url** |
| **GET** | */dreampot/api/products/ <category>(optional)* |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |

**Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | *<data>* |  |
| Error.status | *Error.message* |  |

## Add new products

|  |  |
| --- | --- |
| **Method** | **Url** |
| **POST** | */dreampot/api/products* |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| product | New product name | String |
| category | Category to which new product belongs to | String |

**Response**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| 200 | *<product> added to products list* |  |
| Error.status | *Error.message* |  |