Product Catalog Web Services

1. **Insert Product to Database**

URL: **POST** /productCatalog/product

Request Header: Content-Type: application/json

Request Body:

{

"title":"Tide PODS Laundry Detergent",

"description":"Each Tide PODS is a 3-in-1 breakthrough technology with detergent, stain remover and color protector",

"price":"19.97",

"category":"Household Essentials",

"imageURL":"http://thepk.xyz/images/4444"

}

Response: 201 Created

1. **Get Product Details by ID**

URL: **GET** /productCatalog/product/1501492c-7358-49e5-bfd2-9bf33cd8ac42

Response:

SUCCESS 200 OK

{

"id": "1501492c-7358-49e5-bfd2-9bf33cd8ac42",

"title": "Dove Gentle Exfoliating Soap",

"description": "Contains exfoliating beads that gently wash away dead skin",

"category": "Personal Care",

"price": 10.88,

"imageURL": "http://thepk.xyz/images/5678"

}

ERROR 404 Not Found

1. **Get products by page number**

URL: **GET** /productCatalog/products/page/1

Response: SUCCESS 200 OK

[

{

"id": "a64cac48-1852-4346-8a64-d2c74f01e6a6",

"title": "Dial coconut water glycerin soap",

"description": "Discover the feeling of ultra fresh hydration. Leaves your skin feeling clean, fresh and hydrated healthier skin",

"category": "Personal Care",

"price": 2.97,

"imageURL": "http://thepk.xyz/images/1234"

},

{

"id": "30650de6-c2b2-4f9a-b7ef-d8c7da16708e",

"title": "Tide PODS Laundry Detergent",

"description": "Each Tide PODS is a 3-in-1 breakthrough technology with detergent, stain remover and color protector",

"category": "Household Essentials",

"price": 19.97,

"imageURL": "http://thepk.xyz/images/4444"

}

]

1. **Get products by Category**

URL: GET /productCatalog/products/household-essentials

Response: SUCCESS 200 OK

[

{

"id": "a64cac48-1852-4346-8a64-d2c74f01e6a6",

"title": "Dial coconut water glycerin soap",

"description": "Discover the feeling of ultra fresh hydration. Leaves your skin feeling clean, fresh and hydrated healthier skin",

"category": "personal-care",

"price": 2.97,

"imageURL": "http://thepk.xyz/images/1234"

},

{

"id": "1501492c-7358-49e5-bfd2-9bf33cd8ac42",

"title": "Dove Gentle Exfoliating Soap",

"description": "Contains exfoliating beads that gently wash away dead skin",

"category": "personal-care",

"price": 10.88,

"imageURL": "http://thepk.xyz/images/5678"

}

]

1. **Search Product with a keyword**

URL: GET /productCatalog/products/search/cookie

Response: SUCCESS 200 OK

[

{

"id": "36650409-6d2b-45c9-9c19-488b8b379acb",

"title": "Oreo Sandwich Cookies, Chocolate",

"description": "Wonderfilled Oreo is milk's favorite cookie, and people aren't far behind. Whether you're craving the classic taste of childhood or wanting to delight in fun new flavors",

"category": "food",

"price": 2.98,

"imageURL": "http://thepk.xyz/images/3488"

},

{

"id": "bb274538-761d-4a0e-8ee1-ab1dae268f21",

"title": "Nabisco Chips Ahoy! Chocolate Cookies",

"description": "Crammed with real chocolate chips. There's a lotta joy in chips ahoy! Tasty.",

"category": "food",

"price": 1.99,

"imageURL": "http://thepk.xyz/images/7544"

}

]