

Web API Document for CSC Assignment 1

Task 2:

`api/v3/products (GET)` – Gets all the products in the Product Repository

- Returns list of Product Objects: {Id, Name, Category, Price}

`api/v3/products/{id:int:min(2)} (GET)` – Get 1 product with product id

- Returns Product Object: {Id, Name, Category, Price}

`api/v3/products (POST)` – Creates a new Product Object

- Takes in a Product object: {Name, Category, Price}
- Returns a Response Object: {HttpStatusCode, Id, Name, Category, Price}

`api/v3/products/{id:int} (PUT)` – Updates a Product Object with product ID as a reference

- Takes in a Product object: {Id, Name, String Category, Price}
- Returns a Response Object: {HttpStatusCode, Id, Name, Category, Price}

`api/v3/products/{id:int} (DELETE)` – Delete Product Object from CRUD Repo

- Parameter: int id
- Returns a Response Object: {HttpStatusCode, text}

Task 3

`/api/values (GET)` – Get response information

- Returns string

`/api/Account/Register (POST)` – Create an Account

- Takes in an Object: {Email, Password, ConfirmPassword}
- Returns Response StatusCode

`/token (POST)` – gets token to verify user, for login

- Takes in an Object: {username, grant_type, password}
- Returns response {access_token, token_type, expires_in, username}

`/api/Account/Logout (GET)` – Logout user

- Returns response StatusCode

Task 4

`api/talents (GET)` – Get all talents

- Returns a list of Talent Objects: {id, Name, ShortName, renown, Bio}

`api/talents/{id:int} (GET)` – Get 1 Talent Object

- Parameter in URL, takes in an int Id
- Returns a Talent Object: {id, Name, ShortName, renown, Bio}