Add Product {

Request method: POST,

Parameters: {

Title: string,ppp

Description: string,

Image URL: string (optional),

Supply (optional): {

Fixed Cost: decimal,

Cost Per Unit: decimal,

Minimum Price: decimal(optional),

Maximum Price: decimal(optional)

}

Response :{

Status: 201

}

}

Register: {

Request method: POST,

Parameters: {

Username: string,

Password: string

}

Response: {

Status 201 if user was succesfully created

Status 409 if username is already taken

Status 400 if request is incorrect

Status 403 if missing CSRF token

}

}

Login: {

Request method: POST,

Parameters: {

Username: string,

Password: string

}

Response: {

Status 200 if successfully logged in

Status 401 if invalid Username or Password

Status 400 if request is incorrect

}

}

Edit Product: {

Request method: PUT,

Parameters: {

Title: string,

Description: string,

Image URL: string (optional)

}

Response: {

Status 200 if successfully edited

Status 400 if request is incorrect

Status 401 if user not logged in

Status 403 if user is logged in and is not an admin

Status 404 if Product doesn’t exist

}

Delete Product: {

Request method: DELETE,

Response:{

Status 200 if successfully deleted

Status 401 if user is not logged in

Status 403 if user is logged in and is not and admin

Status 404 if Product doesn’t exist

}

}

Add Product Supply: {

Request method: POST,

Parameters:{

Fixed Cost: decimal,

Cost Per Unit: decimal,

Minimum Price: decimal (optional),

Maximum Price: decimal (optional)

}

Response: {

Status 201 if successfully created

Status 400 if request is incorrect

Status 401 if user is not logged in

Status 403 if user is logged in and is not an admin

Status 404 if the Product doesn’t exist

}

}

Edit Product Supply: {

Request method: PUT,

Parameters: {

Fixed cost: decimal,

Cost Per Unit: decimal,

Minimum Price: decimal (optional),

Maximum Price: decimal (optional)

}

Response: {

Status 200 if succesfully edited the Product Supply

Status 400 if the request is incorrect

Status 401 if the user is not logged in

Status 403 if the user is logged in and is not an admin

Status 404 if the Product doesn’t exist

Status 409 if the Product Supply doesn’t exist

}

}

Delete Product Supply: {

Request method: DELETE,

Response: {

Status 200 if successfully deleted the Product Supply

Status 400 if the request is incorrect

Status 401 if the user is not logged in

Status 403 if the user is logged in and is not an admin

Status 404 if the Product doesn’t exist

Status 409 if the Product Supply doesn’t exist

}

}

Add Product Demand: {

Request method: POST,

Parameters: {

Quanity: integer,

Price Per Unit: decimal

}

Reponse: {

Status 201 if successfully created Product Demand

Status 400 if request is incorrect

Status 401 if user is not logged in

Status 404 if Product doesn’t exist

Status 409 if Product Demand already exist

}

Edit Product Demand: {

Request method: PUT,

Parameters: {

Quanity: integer,

Price Per Unit: decimal

}

Reponse: {

Status 200 if successfully edited Product Demand

Status 400 if request is incorrect

Status 401 if user is not logged in

Status 404 if Product doesn’t exist

Status 409 if Product Demand doesn’t exist

}

Delete Product Demand: {

Request method: DELETE,

Reponse: {

Status 201 if successfully deleted Product Demand

Status 400 if request is incorrect

Status 401 if user is not logged in

Status 404 if Product doesn’t exist

Status 409 if Product Demand doesn’t exist

}

Get Product : {

Request Method: GET,

Response: {

If user is logged and is not an admin: {

Product: {

ID: integer,

Title: string,

Description: string,

Image URL: string (if exist),

Minimum Price: decimal (if exists),

Maximum Price: decimal (if exists),

Demand (if exists): {

Quanity: integer,

Price: decimal

}

}

}

If user is logged in and is an admin: {

Product: {

ID: integer,

Title: string,

Description: string,

Image URL: string,

Demand: {

For each Demand: {

Price: decimal,

Quanity Demanded: integer,

Revenue: decimal,

Total Cost: decimal,

Profit: decimal

}

},

Supply: {

Fixed Cost: decimal,

Cost Per Unit: decimal

}

}

If user is not logged in: {

Product: {

ID: integer,

Title: string,

Description: string,

Image URL: string

}

}

}

Get Products Short Forms: {

For each Product: {

ID: integer,

Title: string,

Image: URL: string

}

}