



ASSIGNMENT 6

Shariar Islam Saimon (1147129)

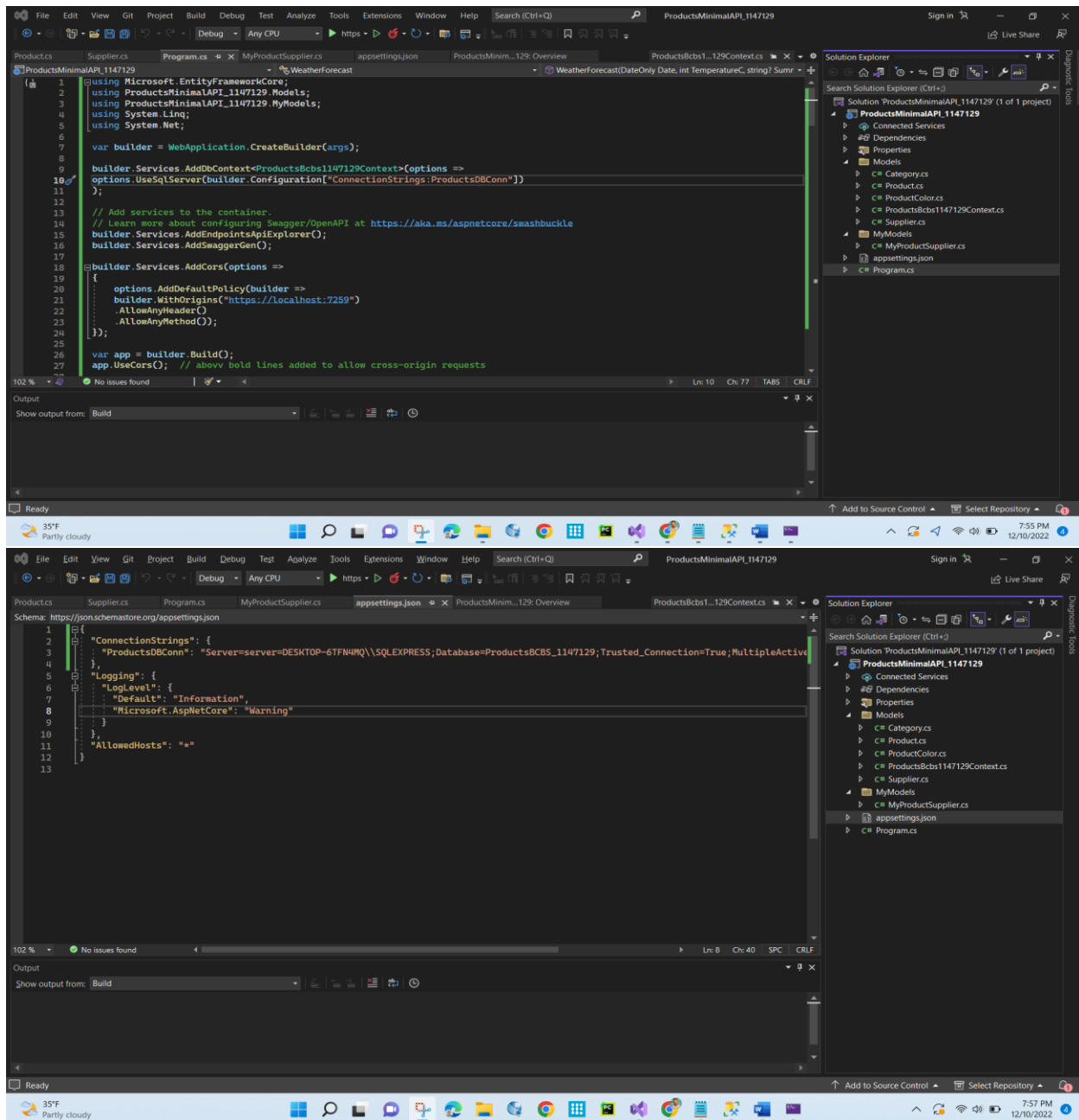


DECEMBER 10, 2022

CPSC-555 (FALL-2022)

Ausif Mahmood

ProductsMinimalAPI_1147129 APP:



techfort-m...instance - Overview x shariar41/TechFort-CPSC-551 x Assignment 6 x Assignment 4 x Swagger UI x +

localhost:7053/swagger/index.html

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Swagger Select a definition ProductsMinimalAPI_1147129 v1

ProductsMinimalAPI_1147129 ^{1.0} OAS3

<https://localhost:7053/swagger/index.html>

ProductsMinimalAPI_1147129

- GET /weatherforecast
- GET /myapi/Products
- GET /myapi/categories
- GET /myapi/productsbycatid
- GET /myapi/productbyid
- POST /myapi/addproduct
- PUT /myapi/updateproduct
- PUT /myapi/applydiscount
- DELETE /myapi/deleteproduct

Schemas

Category

- categoryid Integer (int32)
- categoryname string
- nullable: true

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localhost:7053/swagger/index.html

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GET /myapi/Products

Parameters

No parameters

Execute Clear

Responses

curl -X GET \

```
curl -X GET \
  "https://localhost:7053/myapi/Products" \
  -H "accept: application/json"
```

Request URL

https://localhost:7053/myapi/Products

Server response

Code Details

200

Response body

```
{
  "productid": 1000,
  "productname": "laptop 1",
  "description": "extra fast",
  "price": 700.0077,
  "stocklevel": 0,
  "categoryid": 100,
  "onsale": true,
  "discontinued": false,
  "popular": 0,
  "category": null,
  "pcscreenwidth": null,
  "suppliers": []
},
{
  "productid": 1001,
  "productname": "smart watch",
  "description": "health info",
  "price": 100.0000,
  "stocklevel": 0,
  "categoryid": 100,
  "onsale": false,
  "discontinued": true,
  "popular": 0,
  "category": null,
  "pcscreenwidth": null,
  "suppliers": []
}
```

Download

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localhost:7053/swagger/index.html

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POST /myapi/addproduct

Parameters

No parameters

Request body **required** application/json

```
{
  "productId": 3023,
  "productName": "Basketball",
  "description": "New quality",
  "price": 40.5,
  "stockLevel": 90,
  "category": 200
}
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  https://localhost:7053/myapi/addproduct \
  -H 'accept: */*' \
  -H 'content-type: application/json' \
  -d '{
    "productId": 3023,
    "productName": "Basketball",
    "description": "New quality",
    "price": 40.5,
    "stockLevel": 90,
    "category": 200
  }'
```

Request URL: https://localhost:7053/myapi/addproduct

Server response

Code Details

201

Response body

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localhost:7053/swagger/index.html

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Execute Clear

Responses

Curl

```
curl -X 'POST' \
  https://localhost:7053/myapi/addproduct \
  -H 'accept: */*' \
  -H 'content-type: application/json' \
  -d '{
    "productId": 3023,
    "productName": "Basketball",
    "description": "New quality",
    "price": 40.5,
    "stockLevel": 90,
    "category": 200
  }'
```

Request URL: https://localhost:7053/myapi/addproduct

Server response

Code Details

201

Response body

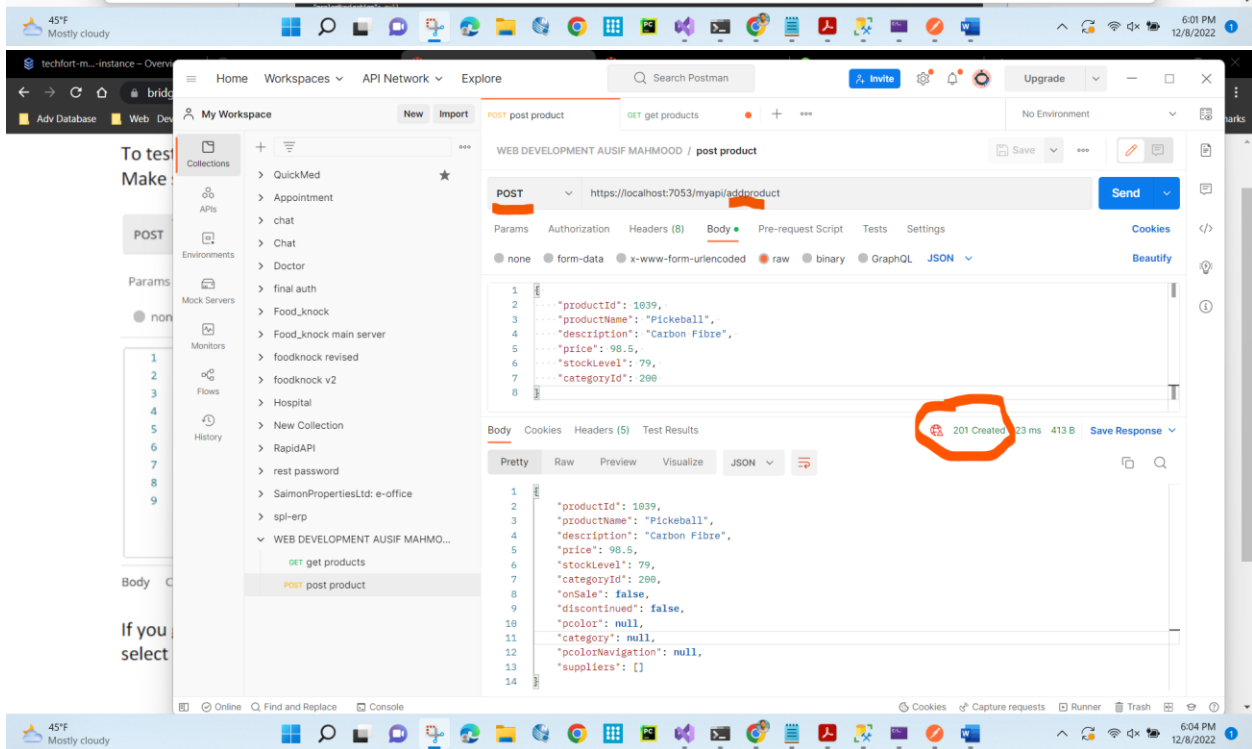
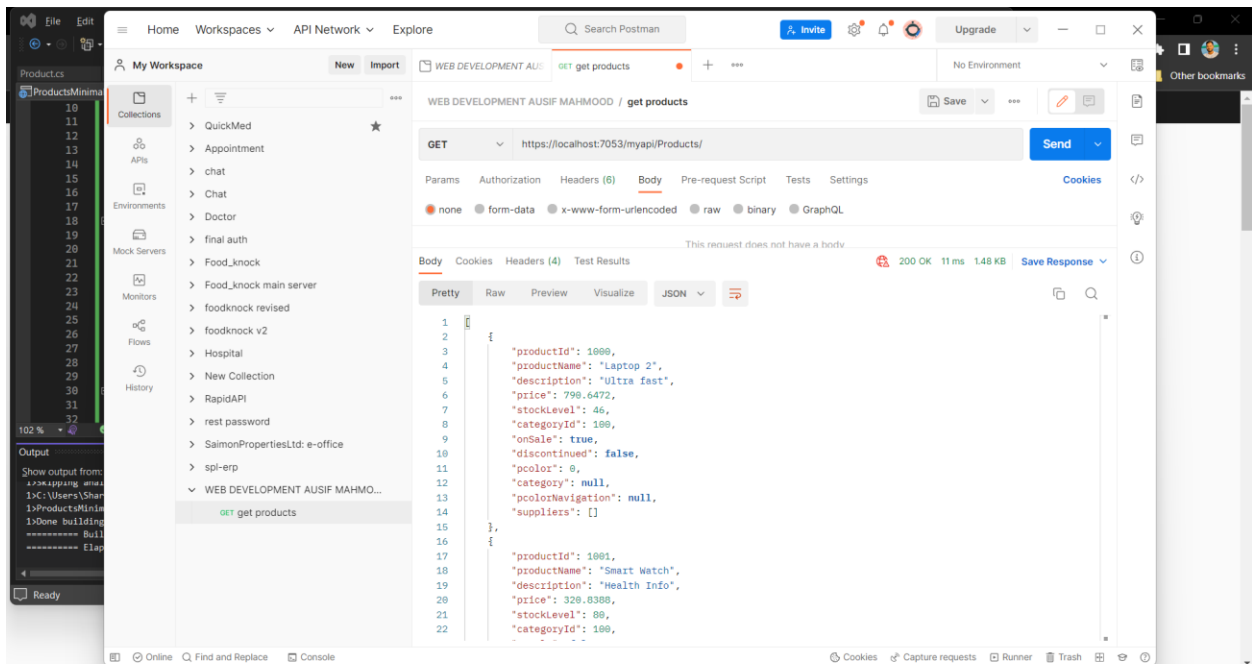
```
{
  "productId": 3023,
  "productName": "Basketball",
  "description": "New quality",
  "price": 40.5,
  "stockLevel": 90,
  "category": 200,
  "stockLevel": 90,
  "isContinued": false,
  "order": null,
  "category": null,
  "supplier": null,
  "supplier": []
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Thu, 06 Dec 2022 22:46:15 GMT
location: https://productapi/3023
server: Restful
```

Responses

Code	Description	Links
200	Success	No link



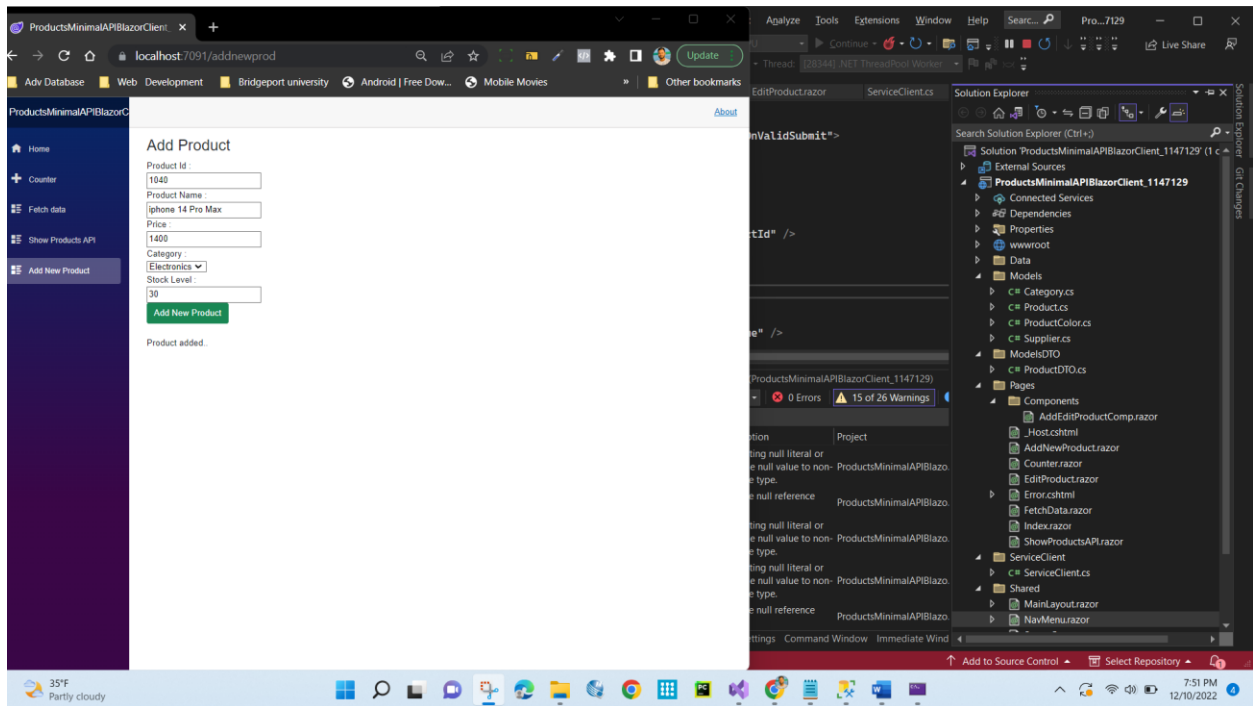
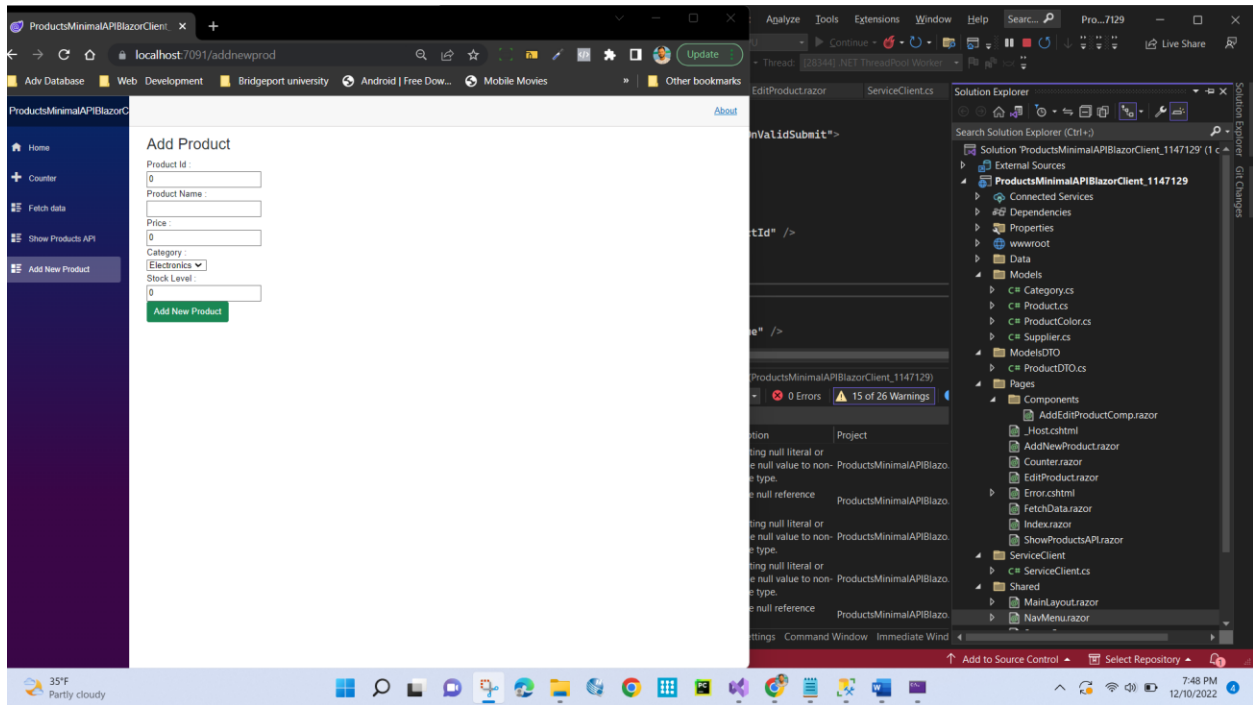
ProductsMinimalAPIBlazorClient_1147129 APP:

The image displays the development environment for the **ProductsMinimalAPIBlazorClient_1147129** application. The top portion shows the Visual Studio IDE with the **AddNewProduct.razor** file open, featuring a form with fields for Product ID, Product Name, and Price, along with validation logic. The Solution Explorer on the right lists the project's structure, including **Models**, **Pages**, and **Components**.

The bottom portion shows a web browser at **localhost:7091/showproductsapi**, displaying the "Show Products from API" page. The page includes a sidebar with navigation links (Home, Counter, Fetch data, Show Products API, Add New Product) and a table of products:

Product Id	Product Name	Price	Stock Level	Supplier	Edit	Delete
1002	Golf Clubs	737.1525	40	None	Edit	Delete
1019	Basketball	48.5	99	None	Edit	Delete
1039	Pickleball	98.5	79	None	Edit	Delete

The Visual Studio interface also shows the **Output** window with debug logs and the **Error List** window, which currently displays 15 warnings related to the **ServiceClient.cs** file.



ProductsMinimalAPIBlazorClient

localhost:7091/showproductsapi

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ProductsMinimalAPIBlazorClient

Home Counter Fetch data Show Products API Add New Product

Show Products from API

Electronics

Product Id	Product Name	Price	Stock Level	Supplier	Edit	Delete
1000	Laptop 2	790.6472	46	None	Edit	Delete
1001	Smart Watch	320.8388	80	None	Edit	Delete
1003	Air Fryer	120.99	6	None	Edit	Delete
1040	Iphone 14 Pro Max	1400	30	None	Edit	Delete

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Solution Explorer

Search Solution Explorer (Ctrl+)

Solution: ProductsMinimalAPIBlazorClient_1147129 (1 c...)

- External Sources
- ProductsMinimalAPIBlazorClient_1147129
 - Connected Services
 - Dependencies
 - Properties
 - wwwroot
 - Data
 - Models
 - Category.cs
 - Products.cs
 - ProductColor.cs
 - Supplier.cs
 - ModelsDTO
 - ProductDTO.cs
 - Pages
 - Components
 - AddEditProductComp.razor
 - _Host.cshtml
 - AddNewProduct.razor
 - Counter.razor
 - EditProduct.razor
 - Error.cshtml
 - FetchData.razor
 - Index.razor
 - ShowProductsAPI.razor
 - ServiceClient
 - ServiceClient.cs
 - Shared
 - MainLayout.razor
 - NavMenu.razor

0 Errors 15 of 26 Warnings

Command Window Immediate Wind

Add to Source Control Select Repository

ProductsMinimalAPIBlazorClient

localhost:7091/editprod/edit/1000

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ProductsMinimalAPIBlazorClient

Home Counter Fetch data Show Products API Add New Product

Edit Product

Product Id: 1000

Product Name: ASUS Laptop

Price: 790.6472

Category: Electronics

Stock Level: 46

Update Product

Product updated.

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Solution Explorer

Search Solution Explorer (Ctrl+)

Solution: ProductsMinimalAPIBlazorClient_1147129 (1 c...)

- External Sources
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 - Connected Services
 - Dependencies
 - Properties
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 - Index.razor
 - ShowProductsAPI.razor
 - ServiceClient
 - ServiceClient.cs
 - Shared
 - MainLayout.razor
 - NavMenu.razor

0 Errors 15 of 26 Warnings

Command Window Immediate Wind

Add to Source Control Select Repository

[illegible]