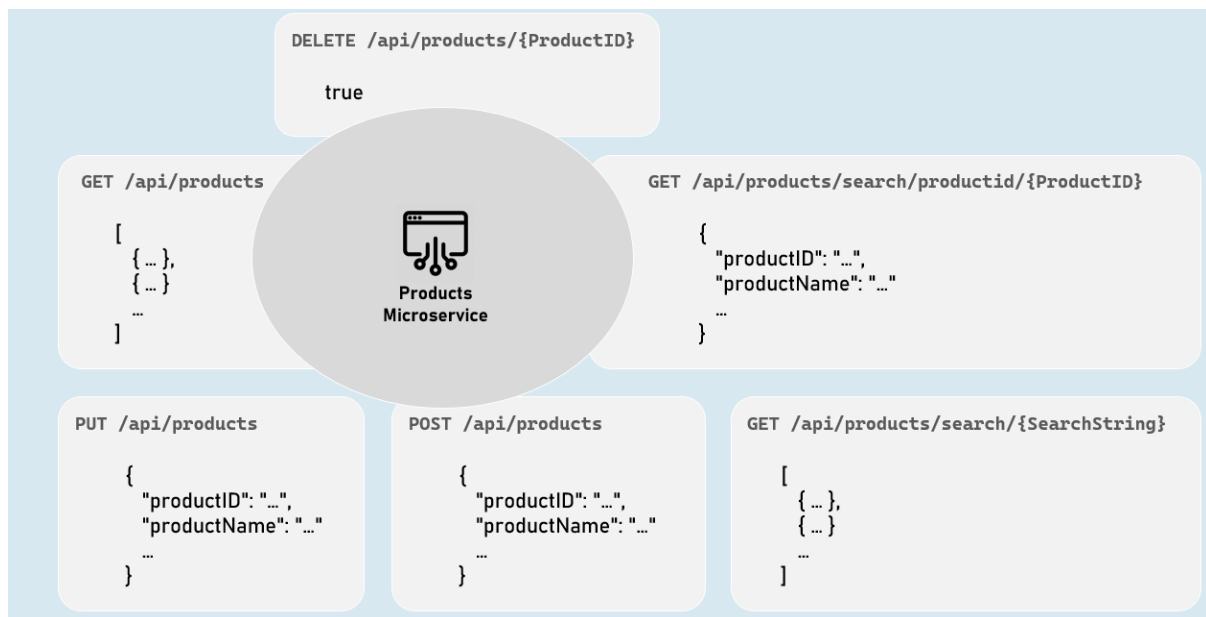


.NET Core Microservices – True Ultimate Guide

Section 3 – Products Microservice – Cheat Sheet

Assignment: Creating Products Microservice

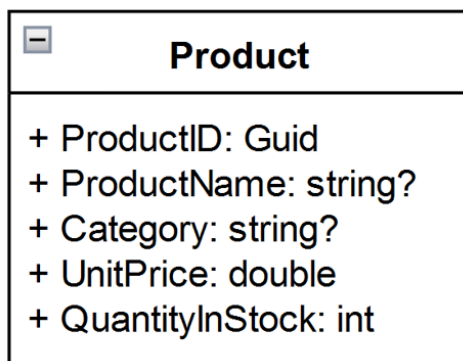
Products Microservice



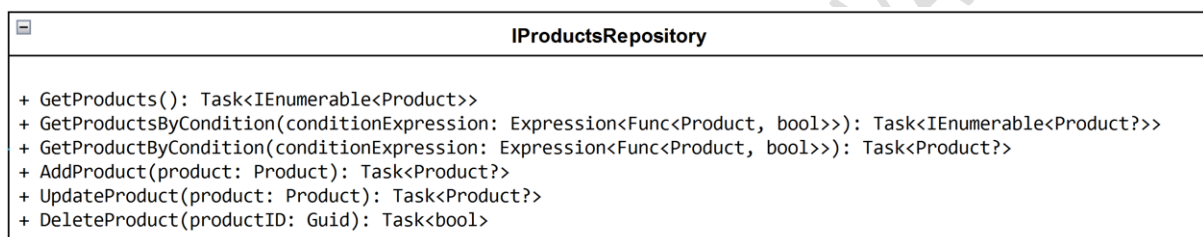
Layered Architecture

1. Presentation (Minimal API Endpoints)
2. Business Logic Layer (BLL)
3. Repository Layer (RL)
4. Data Access Layer (DAL) / Entity Framework Core
5. Database (MySQL)

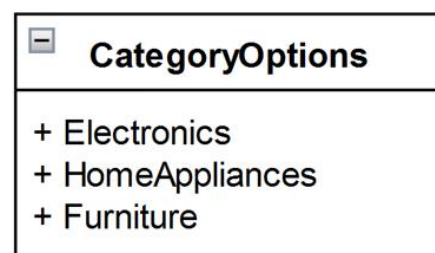
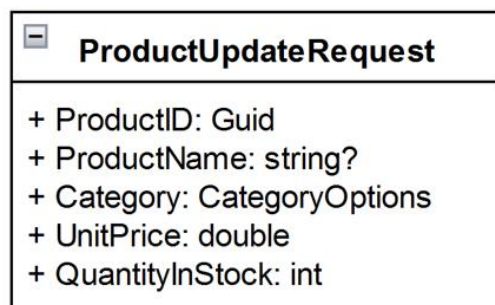
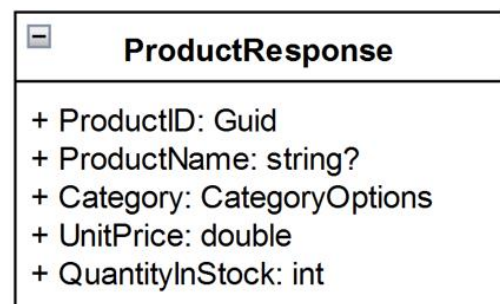
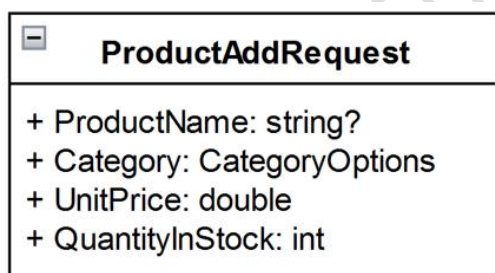
Entities



Repository Contracts



DTO (Data Transfer Objects)



Service Contracts

IProductsService
<pre>+ GetProducts(): Task<List<ProductResponse?>> + GetProductsByCondition(conditionExpression: Expression<Func<Product, bool>>): Task<List<ProductResponse?>> + GetProductByCondition(conditionExpression: Expression<Func<Product, bool>>): Task<ProductResponse?> + AddProduct(productAddRequest: ProductAddRequest): Task<ProductResponse?> + UpdateProduct(productUpdateRequest: ProductUpdateRequest): Task<ProductResponse?> + DeleteProduct(productID: Guid): Task<bool></pre>

WEB UNIVERSITY BY HARSHA VARDHAN