

Web API Project

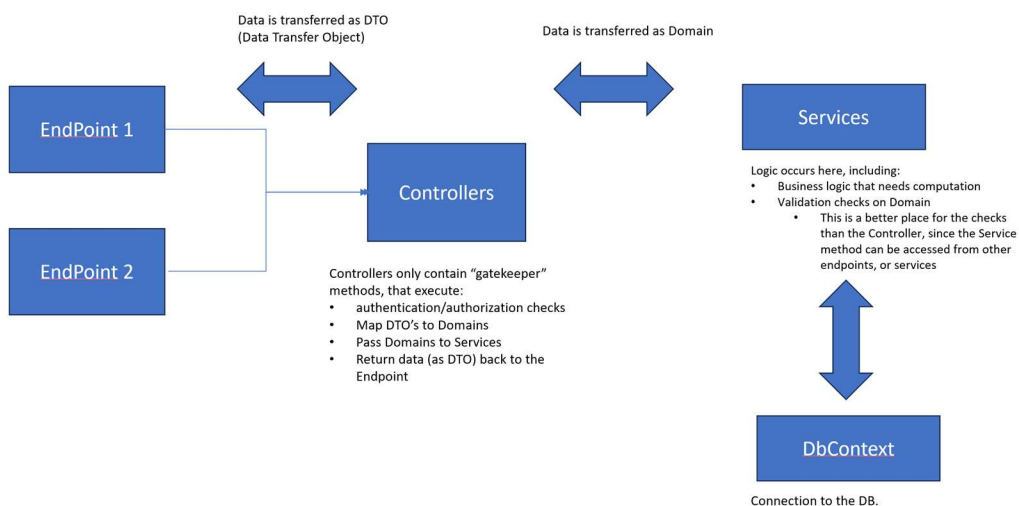
To start create a project based on the this tutorial:

<https://learn.microsoft.com/en-us/aspnet/core/tutorials/first-web-api?view=aspnetcore-8.0&tabs=visual-studio>

The requisite file structure is as follows:

- Controllers
 - Exclusively API endpoints.
- Models
 - Data Transfer Object Models
 - Any model that transfers data from the API to the UI.
 - Domain Models
 - Any model that it directly used with the database.
- Services
 - This is where the lion share of the logic will reside.
 - All methods in this folder represent the sole point of contact between the application and the database.
- Data
 - All methods in this folder are related to connecting to the database
- Utilities
 - If there is logic that is to be reused across the application, that can be housed here.

Basic Schematic of the logic flow



Also please use JWT as a way to implement some degree of authentication and authorization.

Pizza Pizza Pizza

Please create a simple API that simulates an online pizza ordering site.

Please incorporate the following endpoints:

- GET menu
- GET details for a specific pizza
- USER registration
- POST order for a pizza
 - User needs to be authenticated in some fashion to place order
 - Choose delivery or pickup
- Admin-only POST to update menu
 - Add/remove a pizza from the menu
 - Update price on a specific pizza