Gateway Layer Overview

High-Level Architecture Diagram

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|        Core.Gateway.csproj     |
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|                                |
|           Program.cs           |
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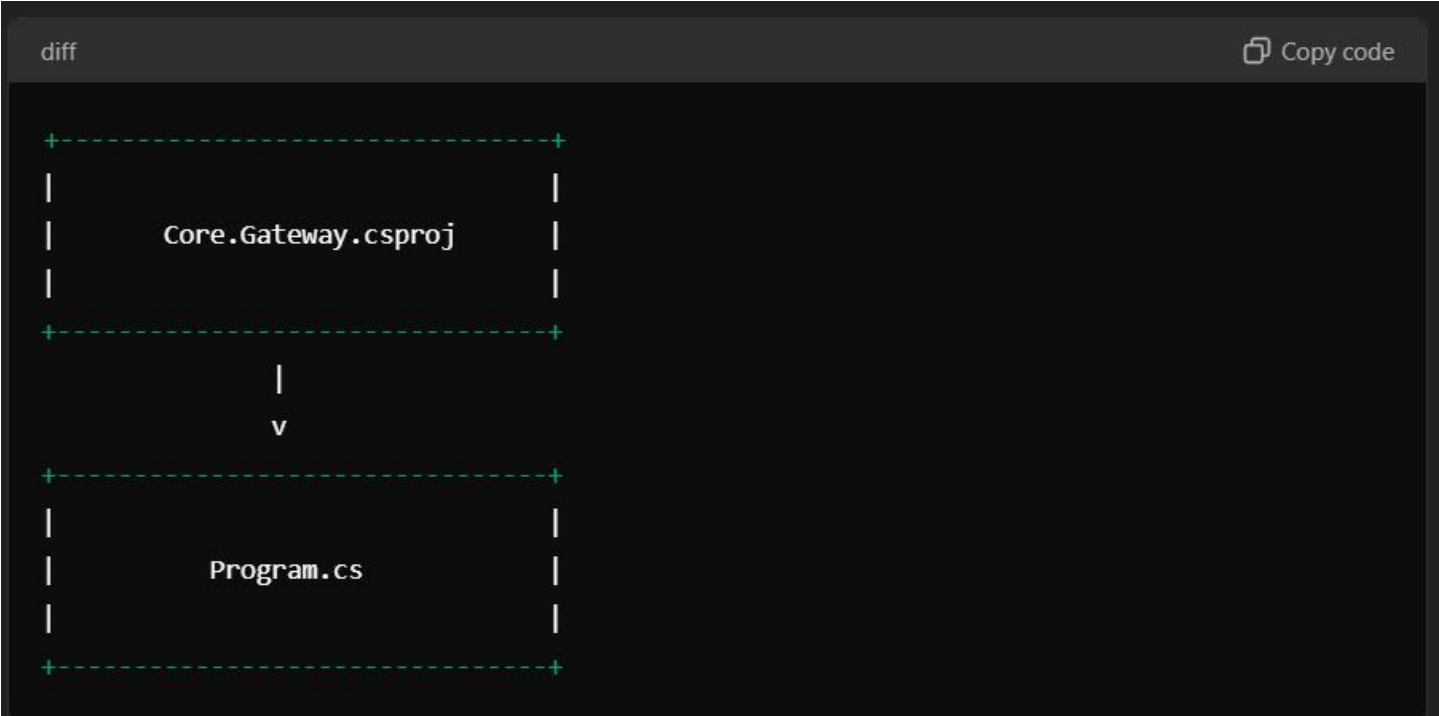
Gateway Layer Overview

1. **Gateway Layer Overview**

The Gateway Layer is responsible for routing, security, and API management. It acts as a single entry point for the backend services.

2. **Structure and Files**

Overview: This layer typically includes files for routing configuration, security policies, and service discovery mechanisms.

Files:

- **Core.Gateway.csproj**:
  - **Purpose**: Project file for the Gateway layer.
  - **Pros**: Centralizes gateway configurations.
  - **Cons**: Complex configurations can become difficult to manage.

- **Program.cs**:
  - **Purpose**: Main entry point for the Gateway service.
  - **Pros**: Manages application startup and configuration.
  - **Cons**: Misconfiguration can affect all downstream services.

Gateway Layer Overview

Q: 1. What is the primary function of the Gateway layer?

A: It acts as a single entry point for all backend services, handling routing, security, and API management.

Q: 2. How does the Gateway layer interact with other layers?

A: It forwards requests to the appropriate microservices based on routing rules and security policies.