This project is a clean architecture-based backend service developed using ASP.NET Core, aimed at managing user authentication, role-based access, document management, and ingestion control through a microservice-friendly architecture.

**Key Features**

**User Authentication & Authorization**

* JWT-based token generation and validation.
* Role-based access control (Admin, Editor, Viewer).

**User Management**

* Admin-only access to manage user roles and deletion.
* Secure registration and login endpoints.

**Document Management**

* Full CRUD operations on documents.
* Upload and update document metadata and content.

**Ingestion Management**

* Trigger and monitor ingestion processes by integrating with an external Spring Boot microservice using HttpClient.

**Technologies Used**

* .NET 6 Web API
* Entity Framework Core + SQL
* JWT Authentication
* Clean Architecture Principles
* Microservices Communication via HttpClient
* Swagger for API Testing