

Protocol

This documentation provides an overview of the fundamental components of a server-based application: Service, Controller, and Repository. Each of these components plays a specific role in the process of request handling and data management.

1. Service

The Service determines how an incoming request should be handled. It acts as a dispatcher, routing requests to the appropriate processing routines within the system based on the intended action of the request.

2. Controller

The Controller processes requests forwarded by the Services. It is responsible for reading and extracting data from the requests, including details in the header and body. This data contains all necessary information required to fulfill the request. After preparing and validating the data, the Controller forwards it to the appropriate Repository for further processing.

3. Repository

The Repository is the data access layer that interacts directly with the database. It performs all operations involving the creation, reading, updating, or deletion of data. The Repository receives prepared data from the Controller and executes the necessary database operations to process the request. It ensures the persistent storage and integrity of the data.

Links zu GitHub:

https://github.com/if22b102/MTCG_official