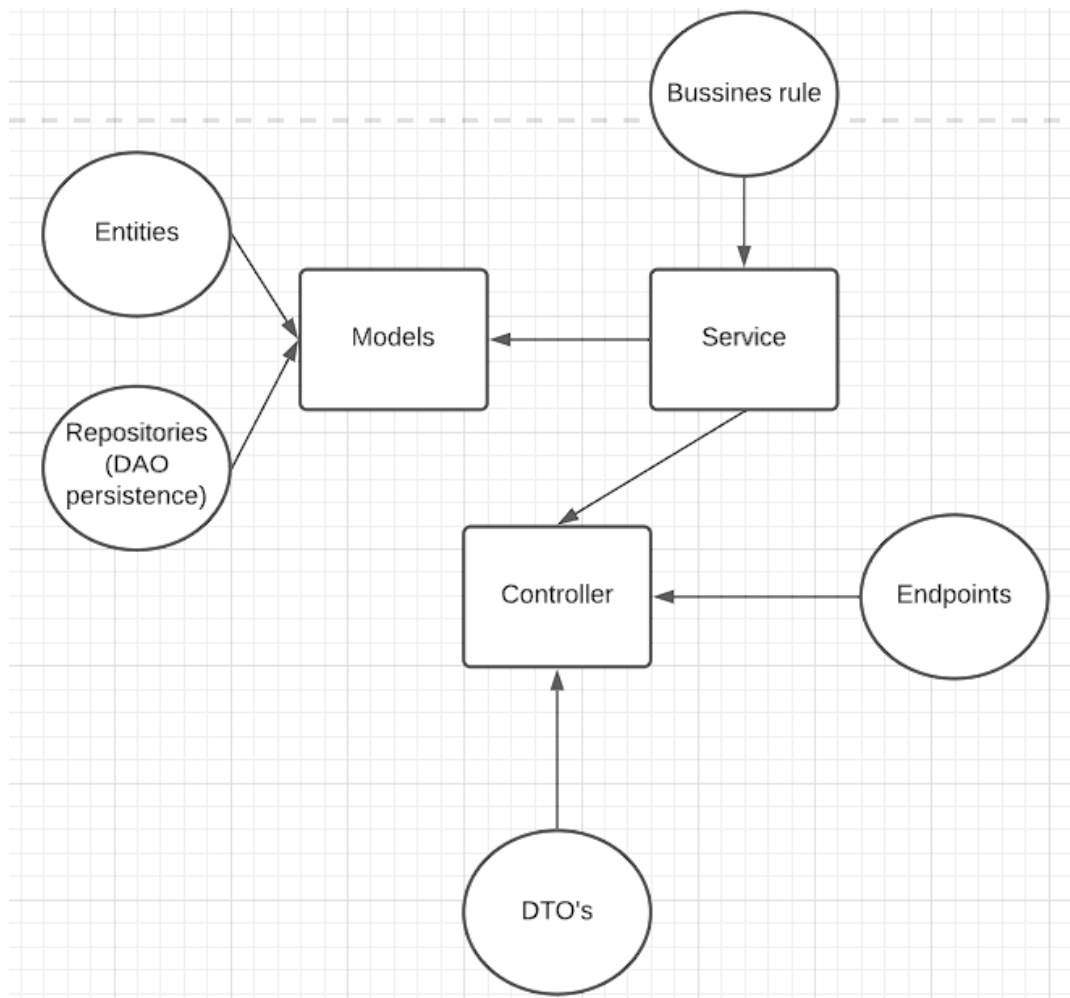


Project architecture

The illustration below represents an overview of the main structures of the application.



Entities:

These are the classes that represent the entities of your business that will be persisted in the database.

Repositories:

These are the classes responsible for persisting entities through operations such as saving, updating, deleting, and querying.

Service:

These are the intermediary layers that contain the business rules. Here, operations with entities are centralized and validated before being persisted in the database.

Controllers:

These are the classes that expose the REST API and contain the methods that respond to HTTP requests such as GET, POST, PUT, and DELETE.

DTO:

(Data Transfer Object): These are objects that are used to transfer data between layers of the application, such as between the Controller and the Service or between the Service and the Repository. They help optimize application performance and maintain data integrity.