Exercise (Service)

Create News Article Management System with controller and service layers using Spring Web, Lombok, and Validation dependencies.

Create:

- **NewsArticle**: Model, Controller and Service.
- **ApiResponse Class.**

NewsArticle Model has:

- id:
  - Cannot be null. ￼ title:
  - Cannot be null.
  - Maximum length of 100 characters.

- author:
  - Cannot be null.
  - Must be more than 4 characters.
  - Maximum length of 20 characters.

- content:
  - Cannot be null.
  - Must be more than 200 characters.

- category:
  - Cannot be null.
  - Must be either "politics", " sports" or " technology" only.

- imageUrl:
  - Cannot be null.

- isPublished
  - Must be by default false.

- publishDate

Endpoints:

1. **Get** all NewsArticles.
2. **Add** a NewsArticle.
3. **Update** a NewsArticle.
4. **Delete** a NewsArticle.
5. **Publish** NewsArticles.
6. **Get** all Published NewsArticles. 7. **Get** NewsArticles by Category.