SPORTAL

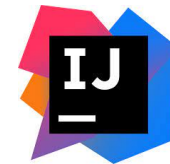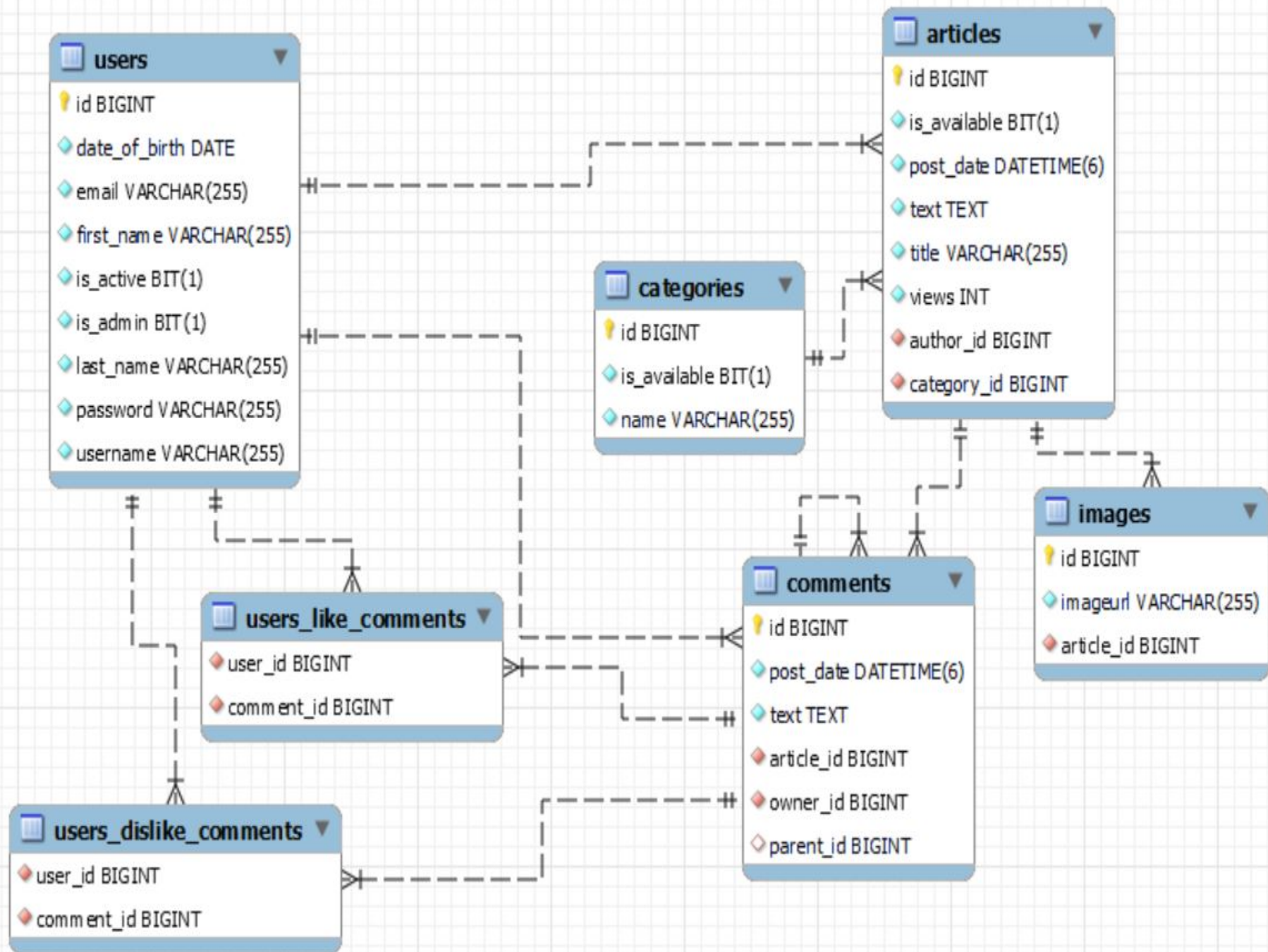## Final project

TECHNOLOGIES

- Java 11
- Spring Boot
- Spring Rest
- Hibernate
- Lombok
- BCrypt
- MySQL
- Maven

- IntelliJ IDEA
- GiT
- Postman
- MySQL Workbench

FUNCTIONALITIES
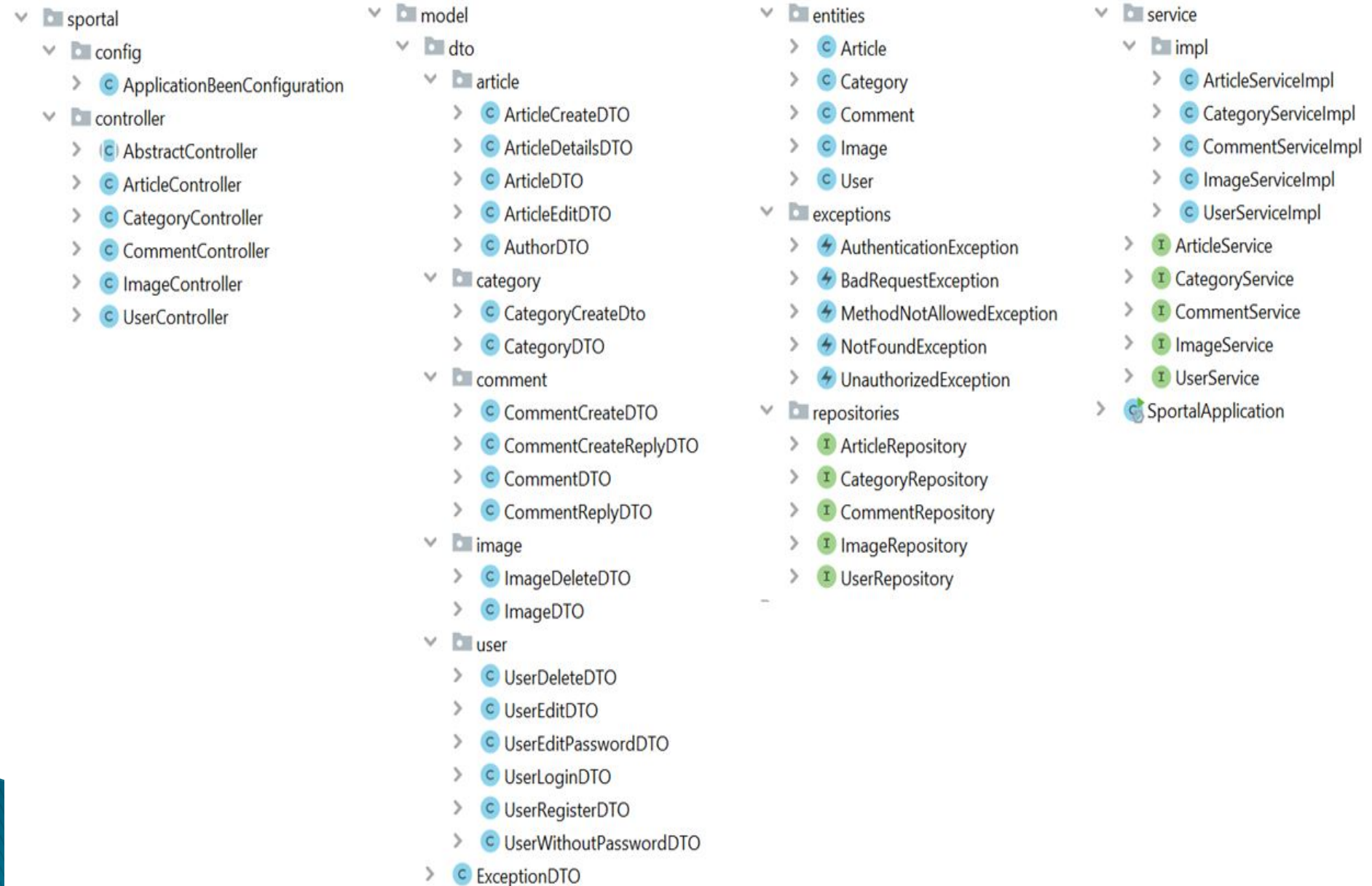
Guest: – View all articles
– Filter top 5 articles
– Show article details
– Search for specific article/s by given title or category
– Register

User: – Login/Logout
– Edit and delete user
– Add comment to article
– Reply to comment
– Like and dislike comment
– Download image

Admin: – Upload and delete image
– Add and delete category
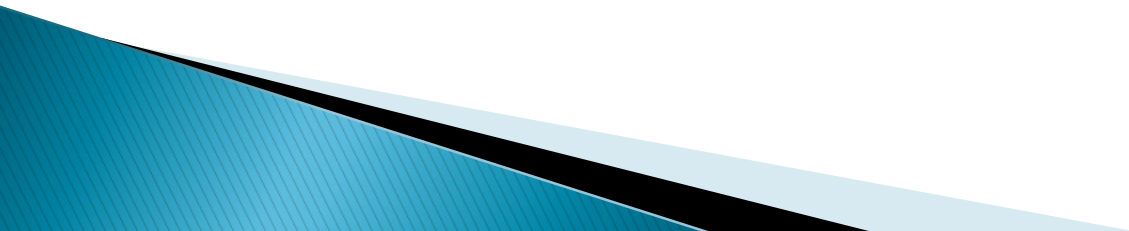– Add, edit and delete article
– Find user/s
– Delete user

CLASS STRUCTURE

- ∨ sportal
  - ∨ config
    - › © ApplicationBeenConfiguration
  - ∨ controller
    - › © AbstractController
    - › © ArticleController
    - › © CategoryController
    - › © CommentController
    - › © ImageController
    - › © UserController

- ∨ model
  - ∨ dto
    - ∨ article
      - › © ArticleCreateDTO
      - › © ArticleDetailsDTO
      - › © ArticleDTO
      - › © ArticleEditDTO
      - › © AuthorDTO
    - ∨ category
      - › © CategoryCreateDto
      - › © CategoryDTO
    - ∨ comment
      - › © CommentCreateDTO
      - › © CommentCreateReplyDTO
      - › © CommentDTO
      - › © CommentReplyDTO
    - ∨ image
      - › © ImageDeleteDTO
      - › © ImageDTO
    - ∨ user
      - › © UserDeleteDTO
      - › © UserEditDTO
      - › © UserEditPasswordDTO
      - › © UserLoginDTO
      - › © UserRegisterDTO
      - › © UserWithoutPasswordDTO
    - › © ExceptionDTO

- ∨ entities
  - › © Article
  - › © Category
  - › © Comment
  - › © Image
  - › © User
- ∨ exceptions
  - › ⚡ AuthenticationException
  - › ⚡ BadRequestException
  - › ⚡ MethodNotAllowedException
  - › ⚡ NotFoundException
  - › ⚡ UnauthorizedException
- ∨ repositories
  - › Ⓘ ArticleRepository
  - › Ⓘ CategoryRepository
  - › Ⓘ CommentRepository
  - › Ⓘ ImageRepository
  - › Ⓘ UserRepository

- ∨ service
  - ∨ impl
    - › © ArticleServiceImpl
    - › © CategoryServiceImpl
    - › © CommentServiceImpl
    - › © ImageServiceImpl
    - › © UserServiceImpl
  - › Ⓘ ArticleService
  - › Ⓘ CategoryService
  - › Ⓘ CommentService
  - › Ⓘ ImageService
  - › Ⓘ UserService
- › © SportalApplication

DEMO

and

Q/A

THANK YOU FOR THE ATTENTION