

Final project



sportal
MEDIA GROUP



IT TALENTS
Training Camp



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27 years



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27 years



Main Functionality

- Viewer:**
- Filter top5 articles
 - Search articles by title and category
 - Get latest published articles

- User:**
- Register, login, edit and delete profile
 - Comment articles
 - Replying to comments
 - Like or dislike Articles
 - Like or dislike Comments
 - Download picture from article

- Admin:**
- Uploading, deleting article
 - Uploading, deleting pictures
 - Searching and sorting users



Technologies and API`s



Maven



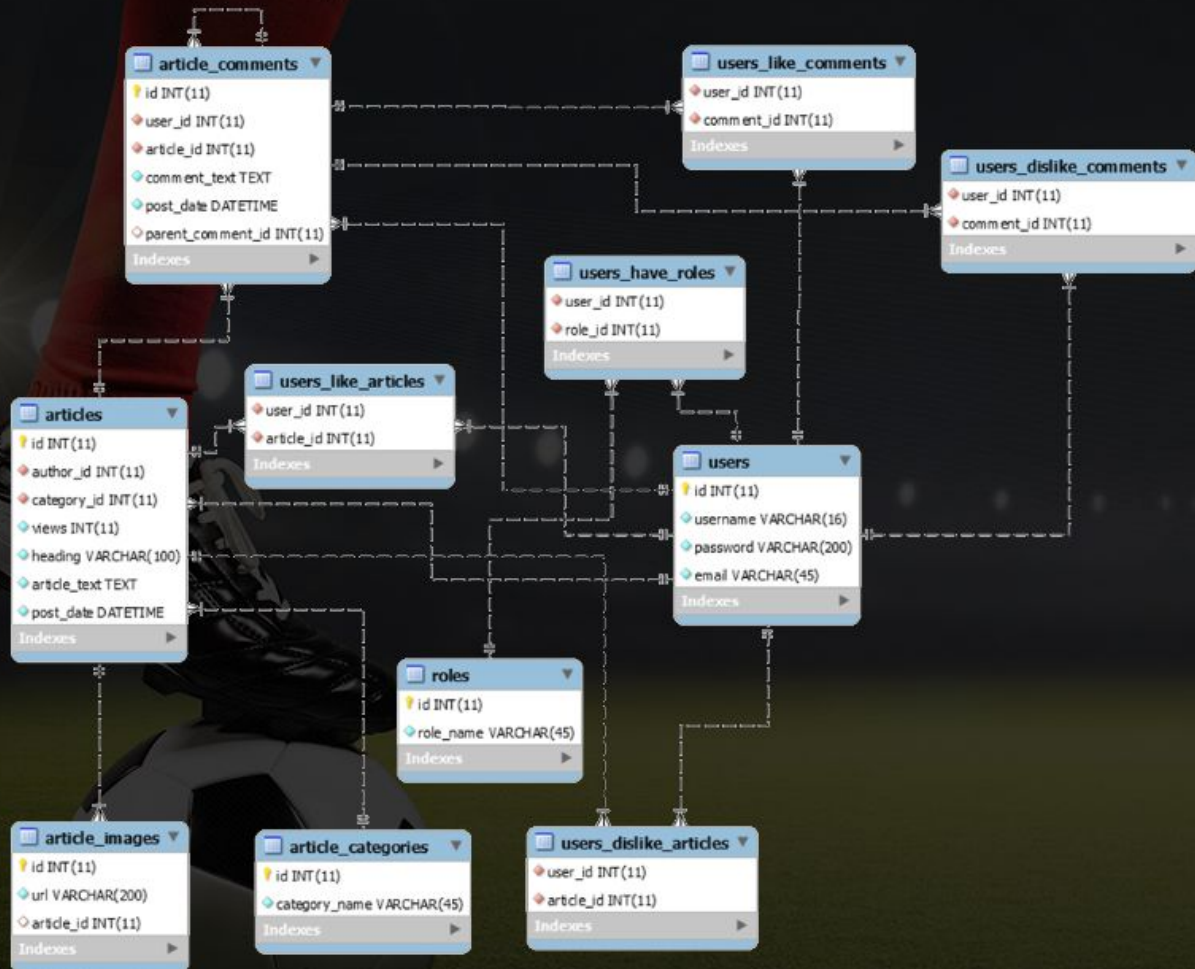
- Java 15
- Spring Boot
- Spring Boot Validation
- Spring Boot Starter Email
- Spring Rest
- Hibernate
- JPA
- Lombok
- BCrypt
- MySQL
- Maven

Software

- IntelliJ IDEA
- Git
- Postman
- SQL Workbench



Entity/Relationship Diagram



Class Diagram

Controllers

- Abstract controler
- Article controler
- Comment controler
- Image controler
- User controler

Utils

- Email Cfg
- LogMessageStatus
- OptionalResultVerifier
- SessionManager
- Validator

Repositories

- IArticleRepository
- ICategoryRepository
- ICommentRepository
- IImageRepository
- IUserRepository

Services

- Admin service
- Article service
- Comment service
- Image service
- User service
- Email service



Class Diagram - Models

POJOs

- Article
- ArticleCategory
- ArticleImage
- Image
- POJO
- Role
- User
- Comment

DTOs

- Coment DTO - 4 types
- ArticleCategory DTO - 2 types
- Article DTO - 7 types
- User DTO - 7 types
- Image DTO

DAOs

- ArticleDAO
- CommentDAO
- UserDAO
- LikeAndDislike DAO



Action Map

ARTICLE:	create	edit	delete	like	dislike	comment	search	sort
unregistered							✓	✓
registered user				✓	✓	✓	✓	✓
admin	✓	✓	✓	✓	✓	✓	✓	✓
COMMENT:	create	edit	delete	like	dislike	reply	get user's comments	
unregistered							✓	✓
registered user	✓	✓		✓	✓	✓	✓	✓
admin	✓	✓	✓	✓	✓	✓	✓	✓
IMAGE:	add	remove						
unregistered								
registered user								
admin	✓	✓						
USER:	login	logout	edit profile	delete profile	password recovery		change password	
unregistered	✓							
registered user	✓	✓	✓	✓	✓	✓	✓	✓
admin	✓	✓	✓	✓	✓	✓	✓	✓



Thank you
for your attention!

