

Final project



**sportal**  
MEDIA GROUP



**IT TALENTS**  
Training Camp



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27 years



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# GENERAL FUNCTIONALITY

- User:
- Login
  - Register
  - Edit profile
  - Like Article
  - Dislike Article
  - Comment Articles
  - Reply Comment
  - Like Comment
  - Dislike Comment
  - Download Picture





# GENERAL FUNCTIONALITY

- Admin:
- Ban User
  - Upload Article
  - Delete Article
  - Upload Picture
  - Delete Picture
  - Dislike Comment
  - Download Picture





# GENERAL FUNCTIONALITY

Viewer:

- Filter top5 articles
- Search articles by:
  - Title
  - Category
- Track article view count

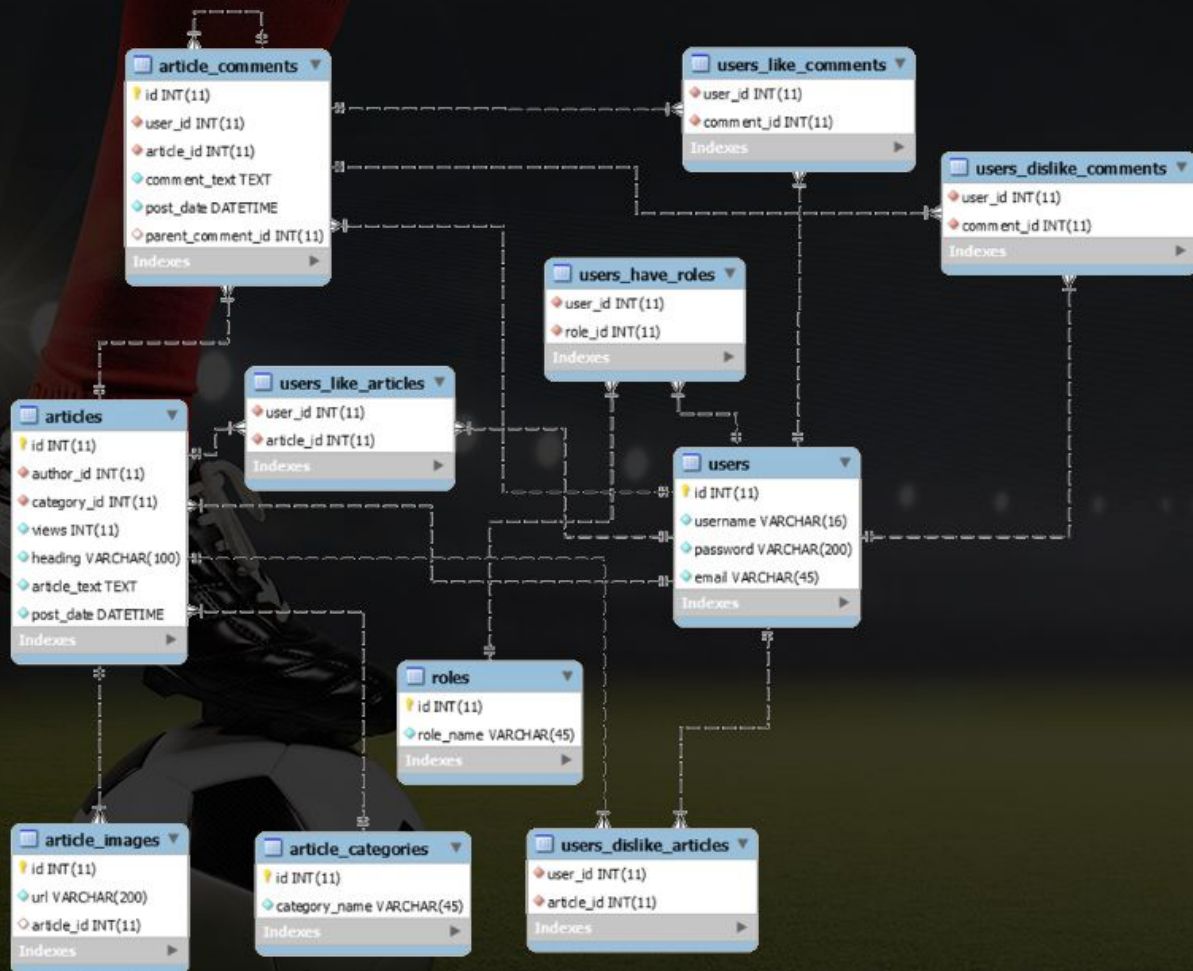




# USED TECHNOLOGIES



# Entity/Relationship Diagram





# Class Diagram

## Controllers

- Abstract controller
- Article controller
- Comment controller
- Image controller
- User controller

## Services

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



# Class Diagram

## Repositories

- IArticleRepository
- ICategoryRepository
- ICommentRepository
- IImageRepository
- IUserRepository

## Utils

- Email Cfg
- LogMessageStatus
- OptionalResultVerifier
- SessionManager
- Validator





# 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







Thank you  
for your attention!

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