Final project

sportal
MEDIA GROUP

IT TALENTS
Training Camp

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27 years

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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
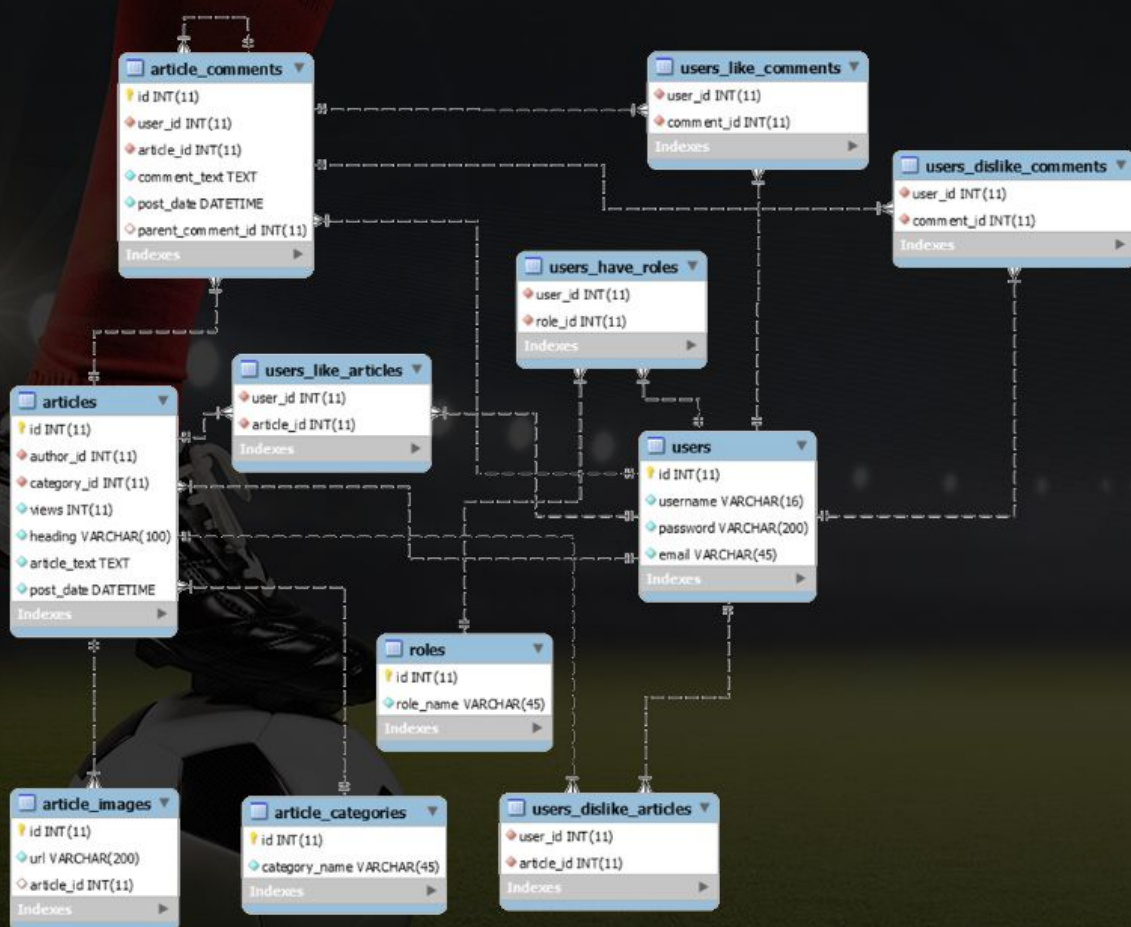
Entity/Relationship Diagram

Class Diagram

Controllers

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

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
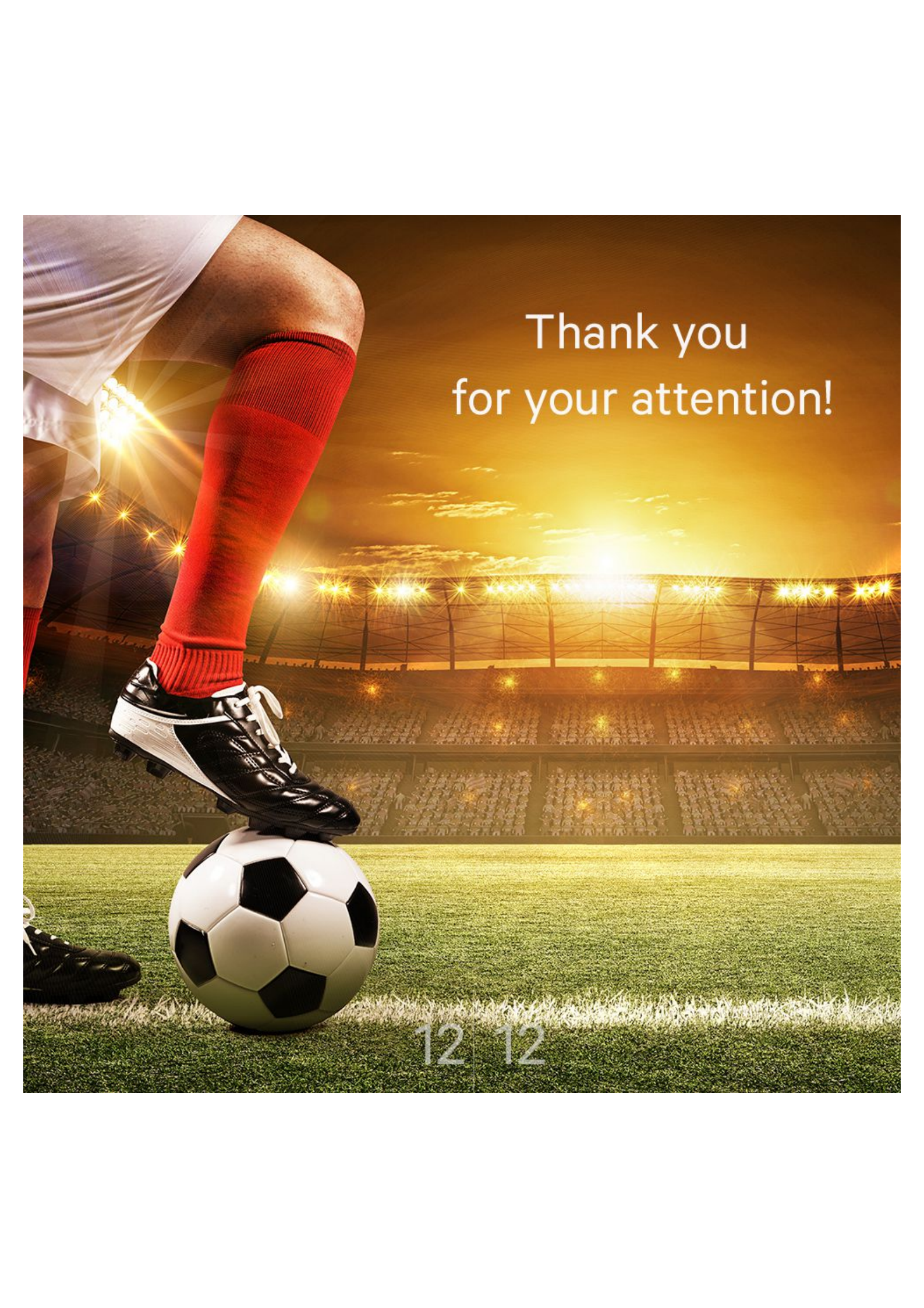- CommentDAO
- UserDAO
- LikeAndDislike DAO

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ACTION MAP

ARTICLE:	create	edit	delete	like	dislike	comment	search	sort
viewer							✓	✓
user				✓	✓	✓	✓	✓
admin	✓	✓	✓	✓	✓	✓	✓	✓

COMMENT:	create	edit	delete	like	dislike	reply	get user`s comments
viewer							✓
user	✓	✓		✓	✓	✓	✓
admin	✓	✓	✓	✓	✓	✓	✓

IMAGE:	add	remove
unregistered		
registered user		
admin	✓	✓

USER:	login	logout	edit profile	delete profile	password recovery	change password
unregistered	✓					
registered user	✓	✓	✓	✓	✓	✓
admin	✓	✓	✓	✓	✓	✓

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