Who am 1?

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I have a degree of engineer-manager from University of Mining and Geology. I have been into programming for about a year and a half.

What I did as a final project?



General functionality

Browse the site without registration:

- -Search for articles by title and category;
- -Top 5 sections for the most read news;
- -Track article review count;



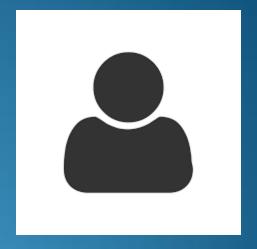
-Registration;

-Login;

-Comments on articles;

-Votes for comment;

-Votes for article;





-Creates articles;

-Uploads pictures;

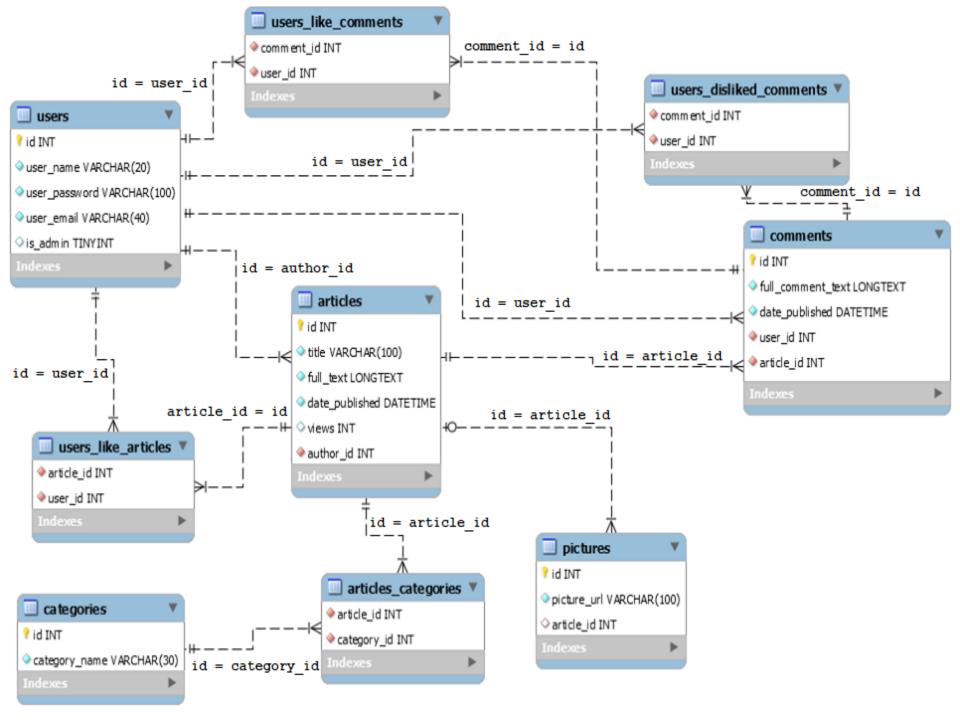
-Operates the site's capabilities;



What technologies have I used?

- JAVA programming language;
- Maven for build tool;
- Spring Framework for faster project development;
- MySQL database server;
- Lombok annotations for the basic methods (getters, setters, constructors);
- BCrypt for encrypting passwords;
- Design patterns: MVC, Singleton, DAO, DTO;
- Web server Tomcat;

Entity / Relationship Diagram



Class diagram

Controllers:

- controller
 - AbstractController
 - ArticleController
 - CategoryController
 - CommentController
 - PictureController
 - UserController
 - UserLikeDislikeController

Exceptions:

- exception
 - AuthorizationException
 - BadRequestException
 - © ExceptionObject
 - ExistsObjectException
 - SomethingWentWrongException
 - TransactionException

Model: DAO:

- > InterfaceDAO
 - ArticleDAO
 - ArticlesCategoriesDAO
 - CategoryDAO
 - CommentDAO
 - DAO
 - FileManagerDAO
 - PictureDAO
 - UserDAO
 - UsersDislikeCommentsDAO
 - UsersLikeArticlesDAO
 - UsersLikeCommentsDAO

Validators:

- data_validators
 - AbstractValidator
 - ArticleValidator
 - BCryptValidator
 - CategoryValidator
 - CommentValidator
 - PictureValidator
 - SessionValidator
 - UserValidator

POJO:

- 🗸 🖿 pojo
 - Article
 - Category
 - © Comment
 - Picture
 - User

DTO:

- article
 - ArticleAfterCreateDTO
 - ArticleAfterEditDTO
 - ArticleCreateDTO
 - ArticleEditDTO
 - ArticleFullDataDTO
 - ArticleRespDTO
- category
 - CategoryRequestDTO
 - CategoryResponseDTO
- comment
 - CommentAfterEditDTO
 - CommentCreateDTO
 - CommentEditDTO
 - CommentResponseAfterDeleteDTO
 - © CommentResponseDTO
- picture
 - PictureDTO
- ∨ 🖿 user
 - UserChangePasswordDTO
 - UserLoginFormDTO
 - © UserRegistrationFormDTO
 - UserResponseDTO

DEMO

~ 2800 lines of code ~ 265 hours ~ 29 days ~ 9 average hours/day

Thank you for the attention!

Thank you, IT Talents Team, for giving me the opportunity to be here!

