

# Who am I?

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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?



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# 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;

User:

- Registration;
- Login;
- Comments on articles;
- Votes for comment;
- Votes for article;



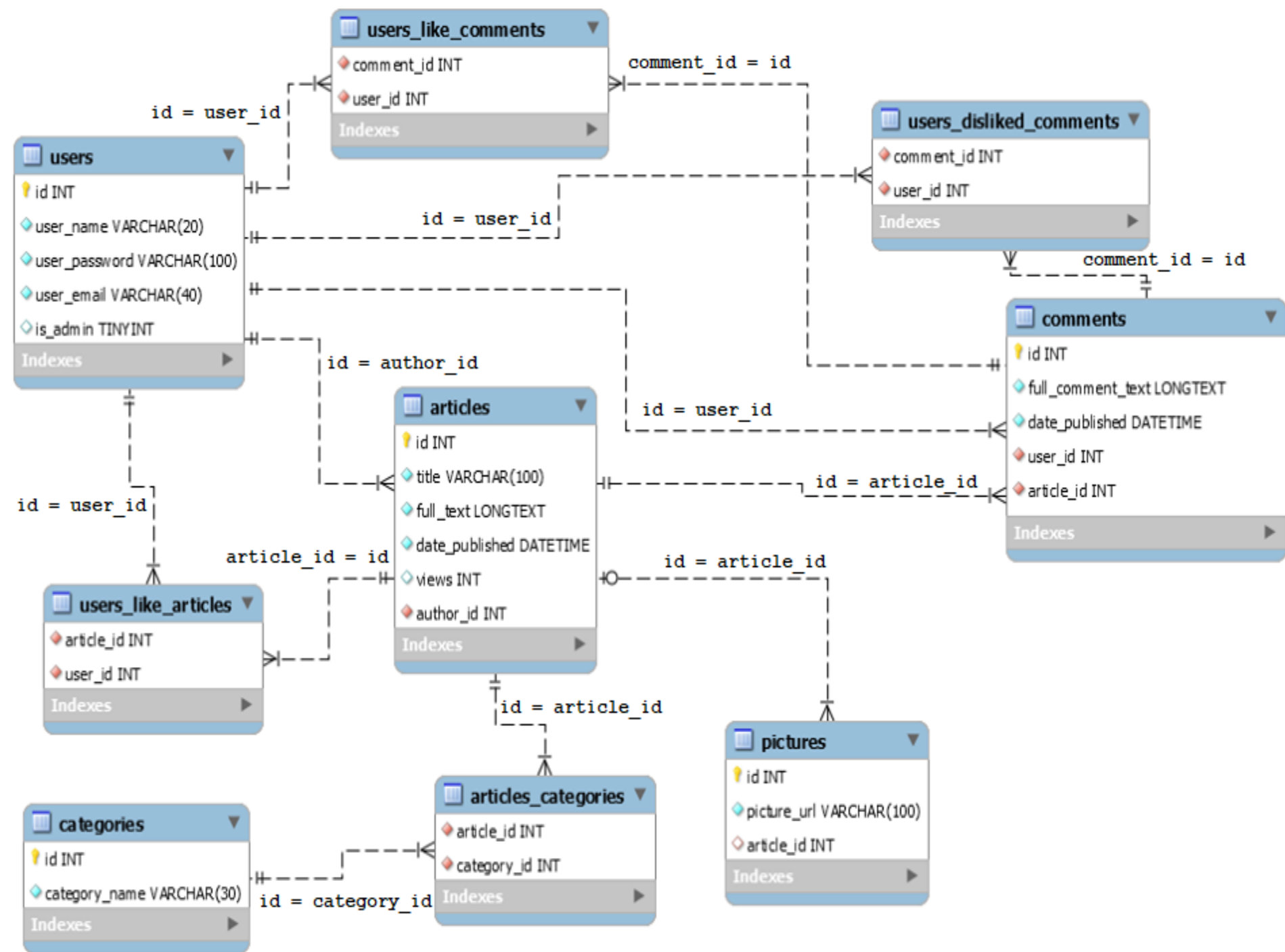
Admin:

- Creates articles;
- Uploads pictures;
- Operates the site's capabilities;

# What technologies have I used?

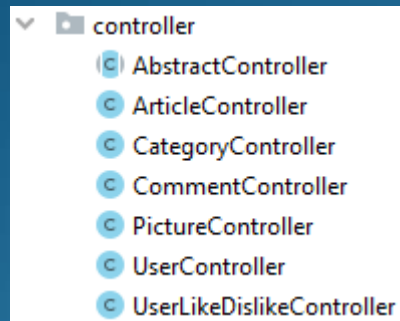
- JAVA programming language;
- Maven for build tool;
- Spring Framework for faster project development;
- MySQL database server;
- Lombok annotations for the basic methods (getters, setters, constructors);
- BCrypt for encrypting passwords;
- Design patterns: MVC, Singleton, DAO, DTO;
- Web server Tomcat;

# Entity / Relationship Diagram

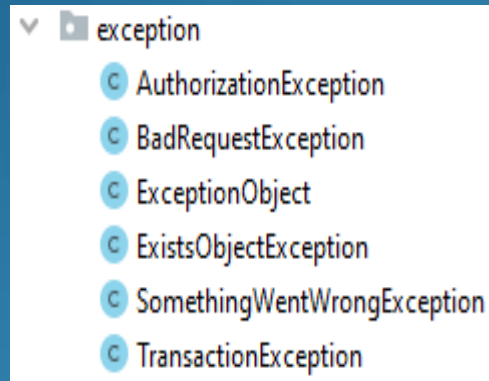


# Class diagram

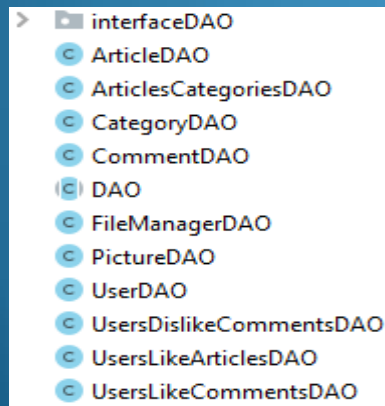
Controllers:



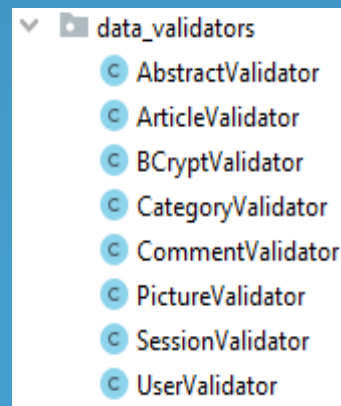
Exceptions:



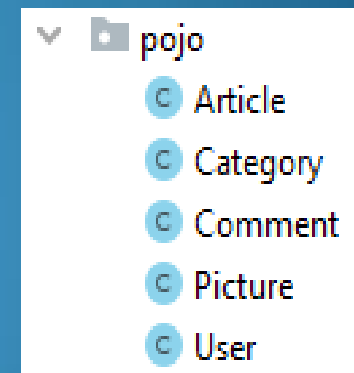
Model : DAO:



Validators:



POJO:



# 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!

