<<<<<<Final Project>>>>>>

IT Talents Season 15

<<<<<We are>>>>>

Peter Rachev
software engineer
24 y/o

Mariya Radeva
architect
25 y/o

<<<<<Statistics>>>>>

~ 7 days
~ 2100 lines of code
~ 200 prompts
~ 40+ hours of debugging

<<<<<Functionalities>>>>>

User

Post

Comment

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users_subscribe_to_users
- 🔑 subscribed_to_id INT
- 🔑 subscriber_id INT
- Indexes ▶

reactions
- 🔑 Id INT
- 🔶 user_id INT
- 🔷 status INT
- 🔶 post_id INT
- 🔶 comment_id INT
- Indexes ▶

posts
- 🔑 id INT
- 🔶 user_id INT
- 🔷 title VARCHAR(255)
- 🔷 description TEXT
- 🔷 location VARCHAR(255)
- 🔷 additional_info TEXT
- 🔶 category_id INT
- 🔷 video_url VARCHAR(255)
- 🔷 date_created TIMESTAMP
- 🔷 rating INT
- Indexes ▶

images
- 🔑 Id INT
- 🔶 post_Id INT
- 🔷 URL VARCHAR(255)
- Indexes ▶

categories
- 🔑 id INT
- 🔷 name VARCHAR(255)
- Indexes ▶

users
- 🔑 Id INT
- 🔷 first_name VARCHAR(255)
- 🔷 last_name VARCHAR(255)
- 🔷 password VARCHAR(255)
- 🔷 email VARCHAR(255)
- 🔷 phone_number VARCHAR(255)
- 🔷 date_of_birth DATE
- 🔷 profile_photo VARCHAR(255)
- 🔷 is_verified BIT(1)
- 🔷 additional_info VARCHAR(255)
- 🔷 gender VARCHAR(255)
- 🔷 date_added TIMESTAMP
- 🔷 verification_code VARCHAR(255)
- Indexes ▶

users_save_posts
- 🔑 user_id INT
- 🔑 post_id INT
- Indexes ▶

comments
- 🔑 id INT
- 🔶 user_id INT
- 🔷 content VARCHAR(255)
- 🔶 post_id INT
- 🔶 super_comment_id INT
- 🔷 rating INT
- 🔷 date_added DATETIME(6)
- Indexes ▶

>>>>>>>>>>ER diagram

<<<<<<<<<<<TECHNOLOGIES>>>>>>>>>>>
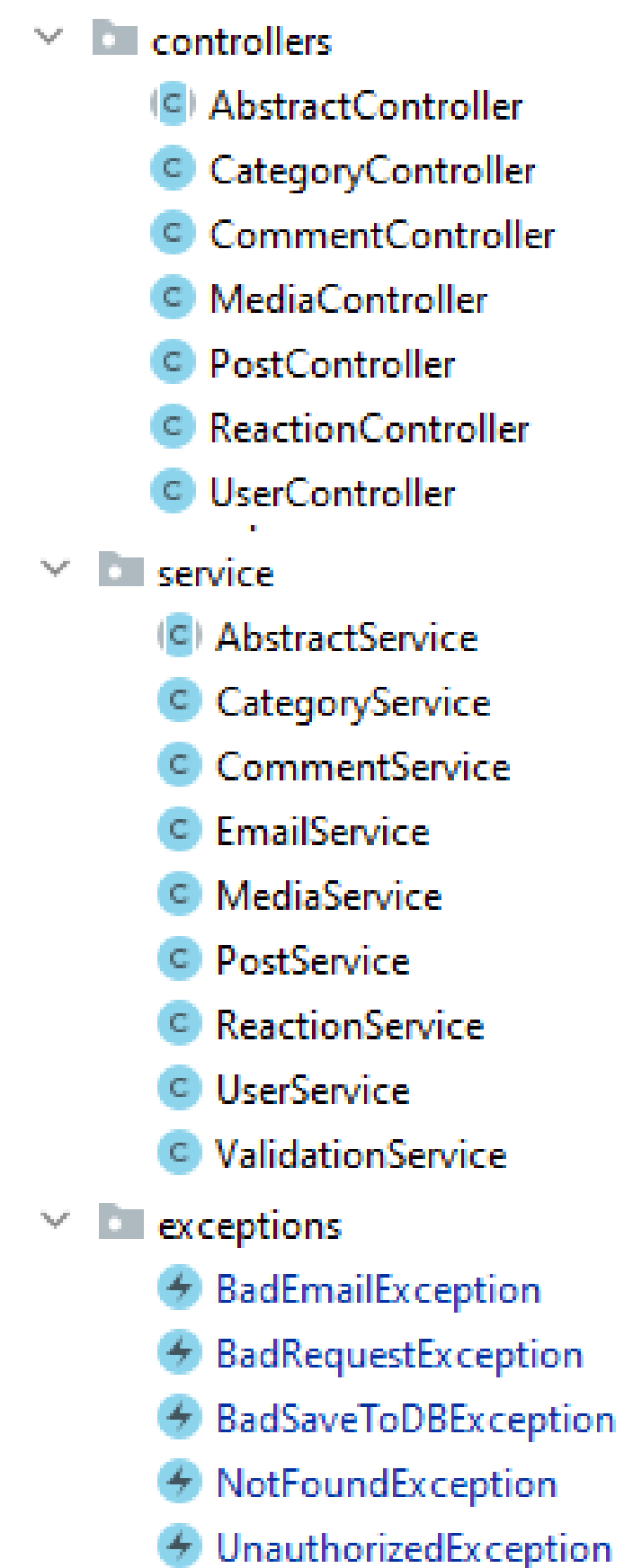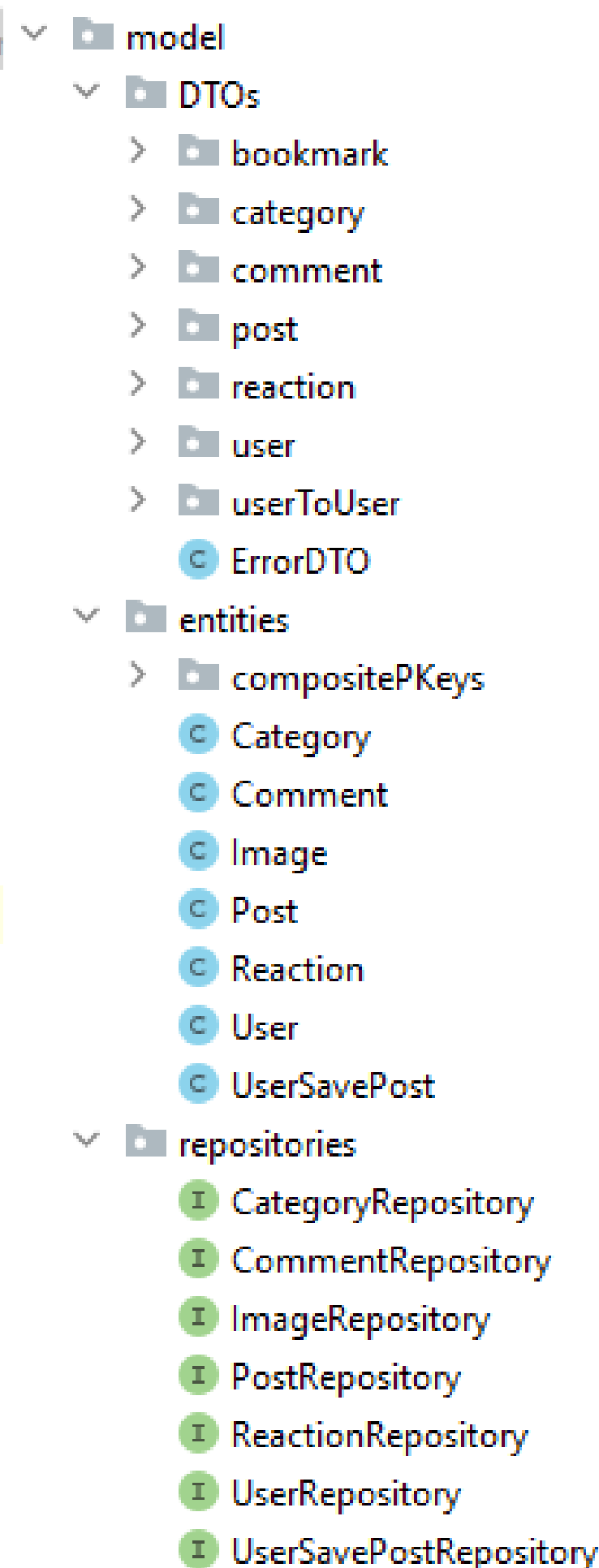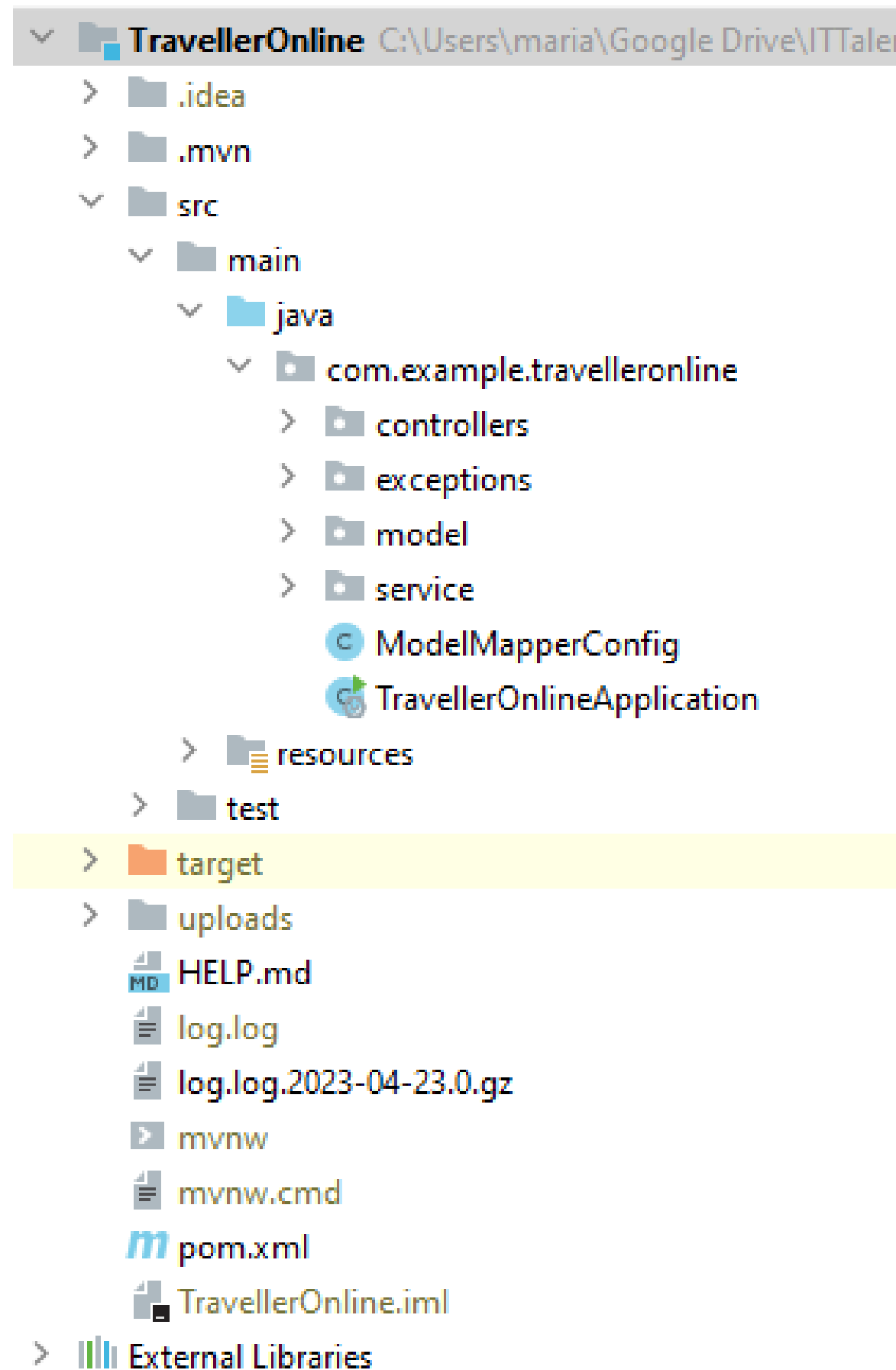
Software

- Java 17
- IntelliJ IDEA
- MySQL server
- Workbench
- Postman
- Git

Spring

- Maven
- Tomcat
- Spring Boot
- Spring Web
- Hibernate
- JDBC API
- My SQL driver
- Lombok
- Model Mapper
- Spring Validation
- BCrypt
- Java Mail Sender

Others

- GitHub
- ChatGPT
- Swagger (OpenAPI)
- Log4J

TravellerOnline C:\Users\maria\Google Drive\ITTalen
- .idea
- .mvn
- src
  - main
    - java
      - com.example.travelleronline
        - controllers
        - exceptions
        - model
        - service
        - ModelMapperConfig
        - TravellerOnlineApplication
    - resources
  - test
- target
- uploads
- HELP.md
- log.log
- log.log.2023-04-23.0.gz
- mvnw
- mvnw.cmd
- pom.xml
- TravellerOnline.iml
- External Libraries

model
- DTOs
  - bookmark
  - category
  - comment
  - post
  - reaction
  - user
  - userToUser
  - ErrorDTO
- entities
  - compositePKeys
  - Category
  - Comment
  - Image
  - Post
  - Reaction
  - User
  - UserSavePost
- repositories
  - CategoryRepository
  - CommentRepository
  - ImageRepository
  - PostRepository
  - ReactionRepository
  - UserRepository
  - UserSavePostRepository

controllers
- AbstractController
- CategoryController
- CommentController
- MediaController
- PostController
- ReactionController
- UserController

service
- AbstractService
- CategoryService
- CommentService
- EmailService
- MediaService
- PostService
- ReactionService
- UserService
- ValidationService

exceptions
- BadEmailException
- BadRequestException
- BadSaveToDBException
- NotFoundException
- UnauthorizedException

>>>>>>>>>>Class diagram

Post Controller — Post endpoints

PUT	/posts/{postId}
DELETE	/posts/{postId}
GET	/posts
POST	/posts
POST	/posts/name_search
POST	/posts/category_search
GET	/users/{userId}/posts
GET	/users/posts
GET	/posts/{postId}/location
GET	/posts/{id}
GET	/newsfeedbyrating
GET	/newsfeedbydate

User Controller — User endpoints

PUT	/users
POST	/users
DELETE	/users
PUT	/userpass
POST	/users/subscribe/{subscribe_to_user}
POST	/users/search
POST	/users/logout
POST	/users/bookmark/{postId}
POST	/users/auth
GET	/users/{userId}
GET	/users/{userId}/bookmark
GET	/users/{subscriber}/subscribedTo
GET	/users/{subscribedTo}/subscribers
GET	/users/validate/verCode/{token}
GET	/users/validate/newPass/{mail}
GET	/users/bookmark

Comment Controller — Comment endpoints

POST	/posts/{id}/comments
POST	/comments/{id}/comments
POST	/comments/{commentId}/edit
GET	/users/{userId}/comments
GET	/test
GET	/posts/{postId}/comments
GET	/comments
GET	/comments/{id}
DELETE	/comments/{id}

Media Controller — Media, pictures and video

| PUT | /user/media |
| GET | /media/{filename} |

Reaction Controller — Reacton endpoints

| POST | /posts/{postId}/reaction |
| POST | /comment/{commentId}/reaction |

Category Controller — Category endpoints

GET	/categories
POST	/categories
POST	/categories/add-many
GET	/categories/{categoryId}

>>>>>>>>>>API documentation

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