

Goodreads

Stoyanka Karashtranova Dimana Grigorova

Who are we?



- Stoyanka
 Karashtranova
- Construction engineer



- DimanaGrigorova
- Physics student

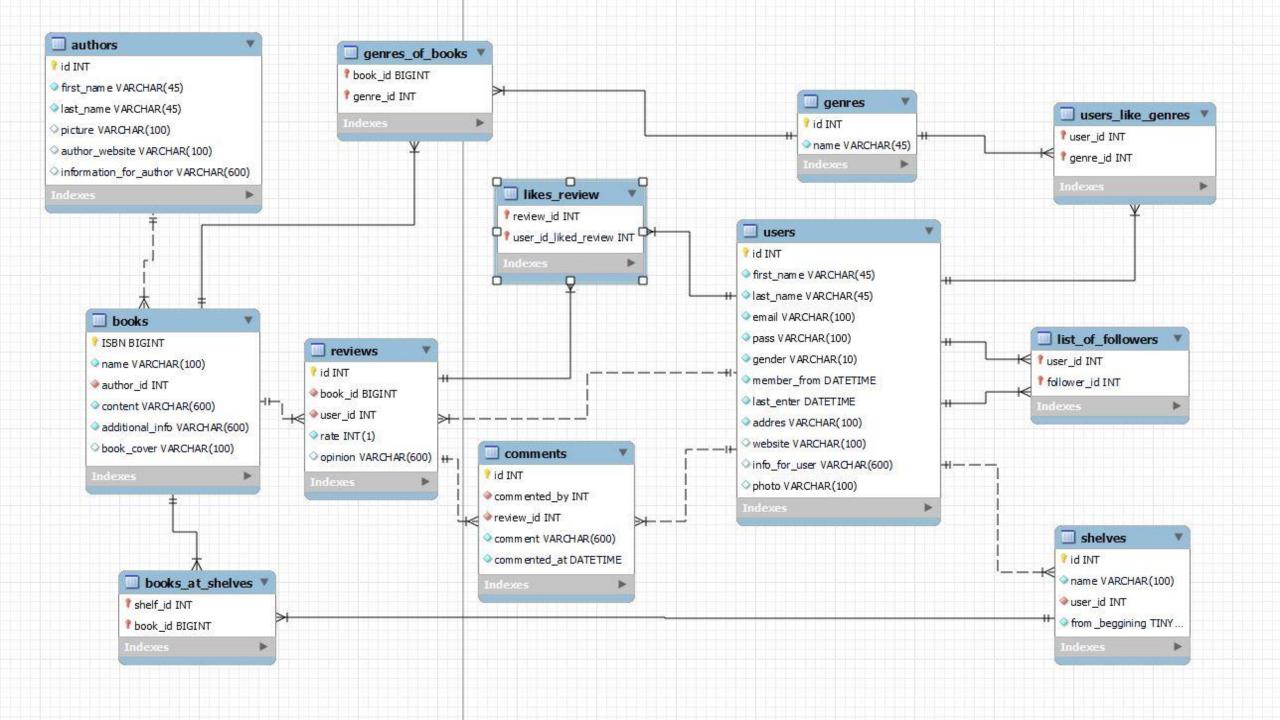
About Goodreads

- Largest social network for reading in the world
- Over 3 million users
- Goodreads members write reviews on books they have read, keep track of the books that they are currently reading and interact with the other users of the platform



Technologies we used





Project Structure

- controller
 - AbstractController
 - AuthorController
 - BookController
 - CommentController
 - GenreController
 - ReviewController
 - ShelfController
 - UserController
- model
 - 🗸 🖿 dao
 - AuthorDao
 - BookDao
 - UserDAO
 - ✓ □ dto
 - author_dtos
 - AuthorDTO
 - AuthorWithoutBooksDTO
 - AuthorWithoutRelationsDTO
 - EditAuthorDTO

- ∨ book_dtos
 - © BookDTO
 - BookWithoutAuthorDTO
 - BookWithoutGenresDTO
 - BookWithoutRelationsDTO
 - EditBookDTO
 - ShowBookDTO
 - UploadBookDTO
- > Image comments
- ✓ ☐ genre_dtos
 - © GenreUsersDTO
 - GenreWithBooksDTO
 - GenreWithoutBooksDTO
- ✓ □ reviews
 - ReviewChangeDTO
 - ReviewDTO
 - ReviewReqCreateDTO
 - ReviewRespFriendDTO
 - ReviewsCommentsDTO
 - ReviewsLikersDTO
 - ReviewWithoutRelationsDTO

- ∨ I shelves
 - ShelfChangeDTO
 - C ShelfDTO
 - ShelfReqCreateDTO
 - ShelfsBooksDTO
 - ShelfWithoutRelationsDTO
- > users
 - © ErrorDTO
- entity
 - Author
 - © Book
 - Comment
 - © Genre
 - Review
 - C Shelf
 - C User
- exceptions
 - BadRequestException
 - NotFoundException
 - UnauthorizedException

- ✓ Image: ✓ repository
 - AuthorRepository
 - BookRepository
 - CommentRepository
 - GenreRepository
 - ReviewRepository
 - ShelfRepository
 - UserRepository
- services
 - (a) AbstractService
 - AuthorService
 - BookService
 - CommentService
 - GenreService
 - ReviewService
 - ShelfService
 - UserService

POST registerAdmin

POST loginAdmin

POST registerUser

POST loginUser

POST logout

POST upload pic

DEL deleteUser

PUT changePassAdmin

PUT followUser

PUT editProfile

GET get all users

GET get all users Paginated

GET get user by id

GET getUserFriends

GET FindByEmail

GET GetUserShelves

Functionality

authors

POST createAuthor

POST uploadPic

PUT editAuthor

DEL deleteAuthor

GET getById

GET getByKeywordInName

shelves

POST createShelf

DEL deleteShelf

PUT editShelf

GET getByld

PUT addBookToShelf

comments POST createComment DEL deleteComment **PUT** editComment GET getCommentByID genres PUT user like genre with id GET getAllGenres POST createGenre DEL deleteGenre GET getByld

reviews POST createReview DEL deleteReview **PUT** editReview PUT likeReview GET getReviewByid ☐ books POST uploadBook POST uploadCover PUT editBook DEL deleteBook GET getByISBN GET getByKeywordInTitle GET getByKeywordInTitleAndA... GET getRecommended GET getHomePage

Our journey

- Time spent: 13 days, avg. 8h a day
- Lines of code: 3 138







- Deleted code: at least 1000 lines
- Many sleepless nights
- Hair loss

Demo

Thank you for the attention!