

KinoArena

IT Talents Season 12 Final Project





Who are we ?



Христо
Момиров



Павел
Лютов



Functionality

Нерегистриран потребител

-да прегледа всички кина

GET /cinemas

getAllCinemas

-да прегледа всички кина в даден град

GET /city/{city}/cinemas

getAllCinemasByCity

-да прегледа всички прожекции по даден жанр

GET /genre/{genre_id}/projections

getAllProjectionsByGenre

-да прегледа всички прожекции в определено кино

GET /cinema/{cinema_id}/projections

getAllProjectionsForCity

-да прегледа всички прожекции в определен град

GET /city/{city}/projections

getAllProjectionsForCity

-да провери свободните места за дадена прожекция

GET /projections/{projection_id}/places

getFreePlacesForProjection

-да прегледа всички налични филми в базата по жанр

GET /genre/{genre_id}/movies

getMovieByGenre



Functionality

- -Регистрация

PUT

/users

registerUser

- -Взимане на цялата информация за филм от базата на IMDB (actors,poster,script)

GET

/movies/{movie_id}

getMovieById

- -Достъп до отделните ресурси

GET

/cinemas/{cinema_id}

getCinemaById

GET

/hall/{hall_id}

getHallById

GET

/projections/{projection_id}

getProjectionById



Functionality

- **Регистриран потребител:**
- -да влиза и излиза в акаунта си

POST

/users

login

POST

/users/logout

logout

- -редактира акаунта си

POST

/users/edit

changePassword

- -да запазва билет

PUT

/projection/{projection_id}/ticket

reserveTicket

- -да проверява всичките си билети

GET

/tickets

getUserTickets



Functionality

- **Админ :**
- - да добавя, изтрива, редактира кина

PUT

/cinemas

addCinema

DELETE

/cinemas/{cinema_id}

deleteCinema

POST

/cinemas/{cinema_id}

editCinema

- - да добавя, изтрива, редактира зали

PUT

/halls

addHall

DELETE

/halls/{hallId}

deleteHall

POST

/halls/{hallId}

editHall

- - да добавя, изтрива филми

PUT

/movies

addMovie

DELETE

/movies/{movie_id}

deleteMovie



- -добавяне, изтрива и редакция на прожекция

PUT

/projections

addProjection

DELETE

/projections/{projection_id}

deleteProjection

POST

/projections/{projection_id}

editProjection

- -достъп до статистика за продадени билети за прожекции по зали

GET

/tickets/statistics

getAllSoldTickets



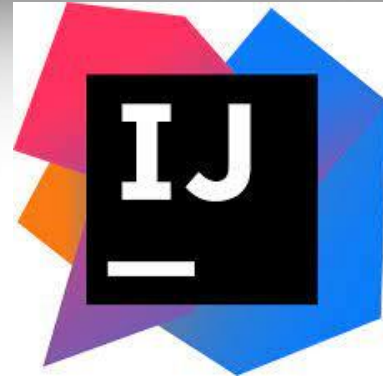
Technologies



git



Project
Lombok



HIBERNATE



spring®



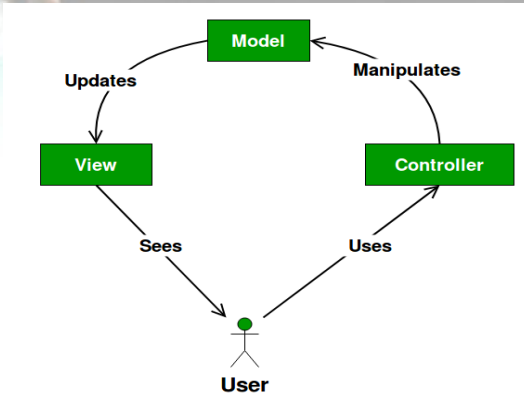
Maven™



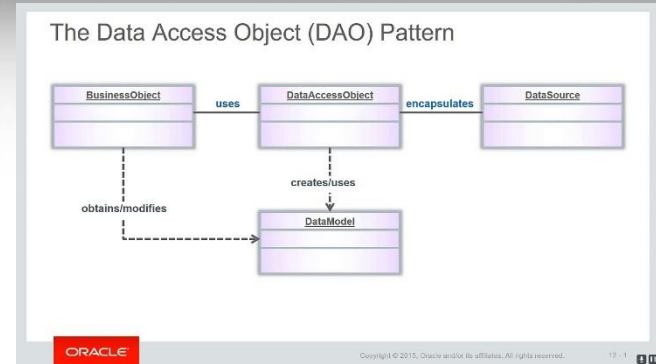
POSTMAN



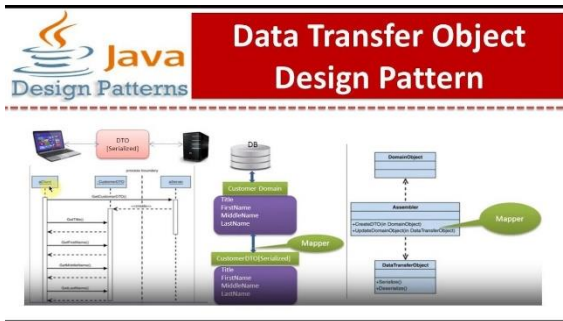
Design Patterns



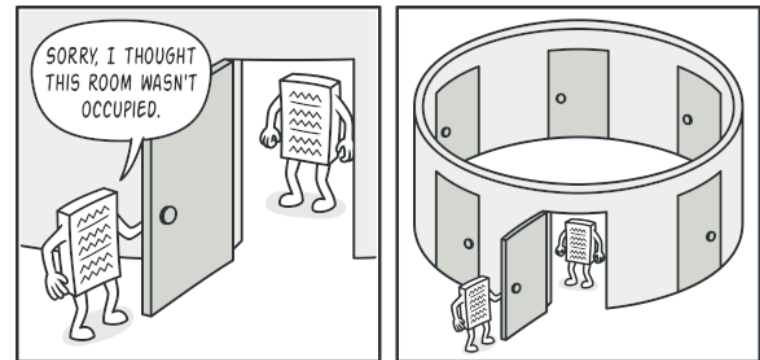
MVC(Model View Controller)



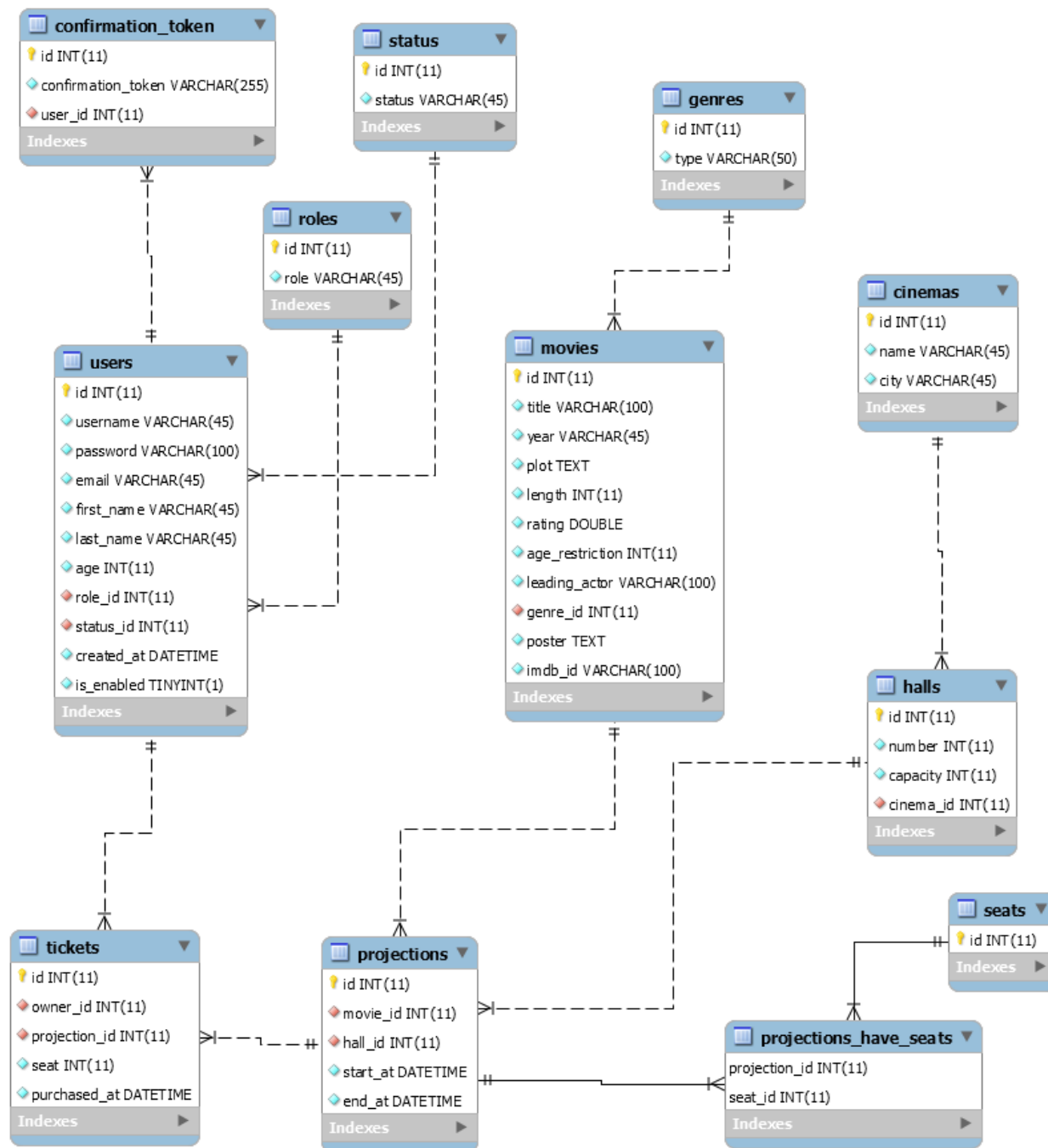
DAO(Data Access Object)



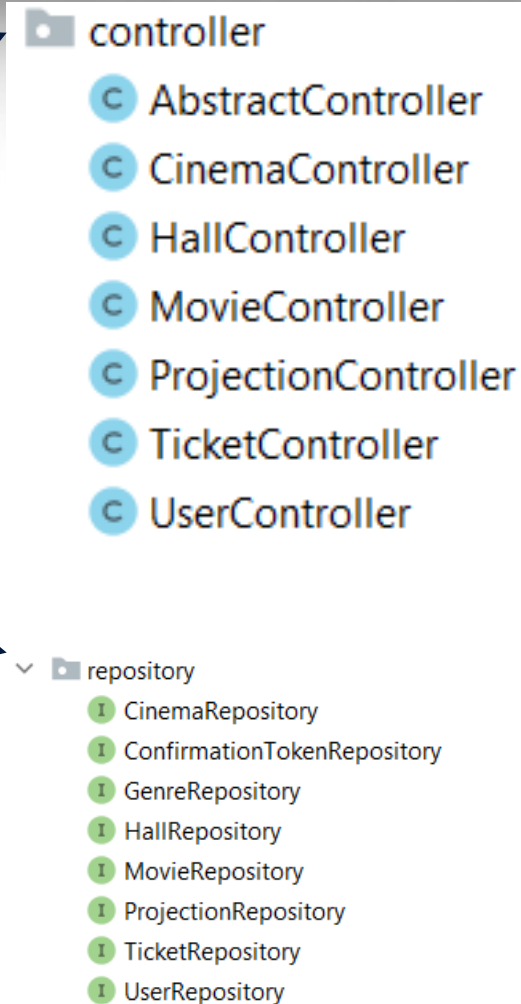
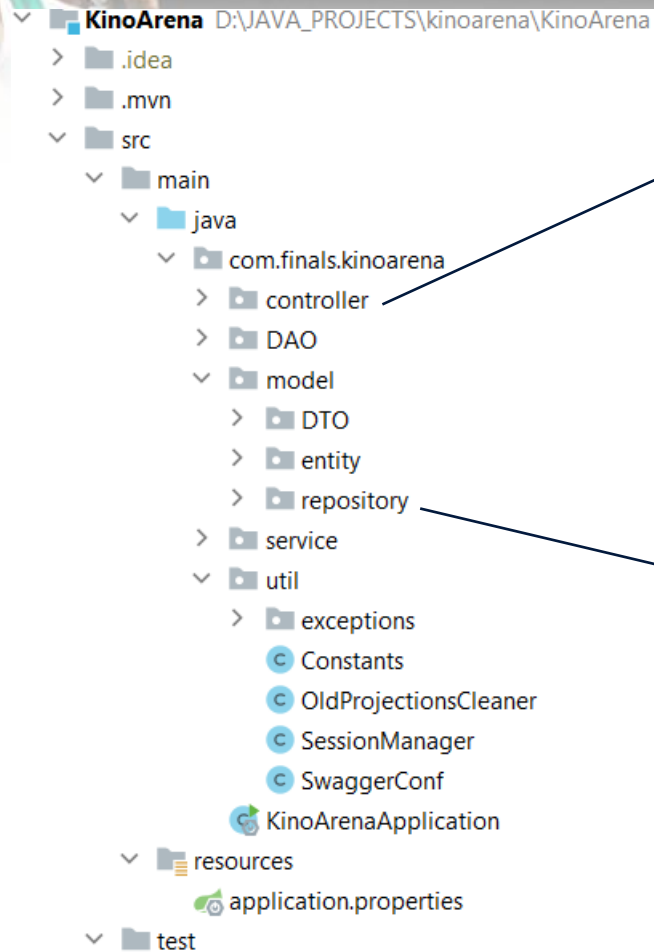
DTO(Data Transfer Object)



Singleton



Class Diagram



Class Diagram

▼ DTO

- AddProjectionDTO
- CinemaWithoutHallDTO
- EditUserPasswordDTO
- ErrorDTO
- GenreDTO
- HallWithoutCinemaDTO
- IMDBMovieDTO
- LoginDTO
- ProjectionToCleanDTO
- RegisterDTO
- RequestCinemaDTO
- RequestHallDTO
- RequestMovieDTO
- ReserveTicketDTO
- ResponseCinemaDTO
- ResponseHallDTO
- ResponseMovieDTO
- ResponseProjectionDTO
- ResponseTicketDTO
- StatisticsDTO
- UserWithoutPassDTO
- UserWithoutTicketAndPassDTO

service

- AbstractService
- CinemaService
- EmailSenderService
- HallService
- MovieService
- ProjectionService
- TicketService
- UserService

entity

- Cinema
- ConfirmationToken
- Genre
- Hall
- Movie
- Projection
- Seat
- Ticket
- User
- UserStatus

▼ util

▼ exceptions

- ⚡ BadRequestException
- ⚡ NotFoundException
- ⚡ UnauthorizedException
- Constants
- OldProjectionsCleaner
- SessionManager
- SwaggerConf



Demo