

KinoArena

IT Talents Season 12 Final Project



Христо
Момиров



Who are we ?



Павел
Лютов





Functionality

- **Нерегистриран потребител**
 - -да прегледа всички кина
 - -да прегледа всички кина в даден град
 - -да прегледа всички прожекции по даден жанр
 - -да прегледа всички прожекции в определено кино
 - -да прегледа всички прожекции в определен град
 - -да провери свободните места за дадена прожекция
 - -да прегледа всички налични филми в базата по жанр
- -Регистрация
- -Взимане на цялата информация за филм от базата на IMDB (actors,poster,script)
- -Достъп до отделните ресурси



Functionality

- **Регистриран потребител:**
- -да влиза и излиза в акаунта си
- -да редактира акаунта си
- -да запазва билет
- -да проверява всичките си билети
- **Админ :**
- - да добавя, изтрива, редактира кина
- - да добавя, изтрива, редактира зали
- -да добавя, изтрива, редактира прожекции
- - да добавя, изтрива филми
- -достъп до статистика за продадени билети за прожекции по зали



END POINTS

cinema-controller : Cinema Controller

Show/Hide | List Operations | Expand Operations

GET	/cinemas	getAllCinemas
POST	/cinemas	addCinema
DELETE	/cinemas/{cinema_id}	deleteCinema
GET	/cinemas/{cinema_id}	getCinemaById
PUT	/cinemas/{cinema_id}	editCinema
GET	/city/{city}/cinemas	getAllCinemasByCity

movie-controller : Movie Controller

Show/Hide | List Operations | Expand Operations

GET	/genre/{genre_id}/movies	getMovieByGenre
POST	/movies	addMovie
GET	/movies/title/{title}	findMoviesByName
DELETE	/movies/{movie_id}	deleteMovie
GET	/movies/{movie_id}	getMovieById

ticket-controller : Ticket Controller

Show/Hide | List Operations | Expand Operations

POST	/projection/{projection_id}/ticket	reserveTicket
GET	/tickets	getUserTickets
GET	/tickets/statistics	getAllSoldTickets

user-controller : User Controller

[Show/Hide](#) | [List Operations](#) | [Expand Operations](#)

GET	/confirm-account	confirmUserAccount
POST	/confirm-account	confirmUserAccount
POST	/users	registerUser
PUT	/users/edit	changePassword
POST	/users/login	login
POST	/users/logout	logout

projection-controller : Projection Controller

[Show/Hide](#) | [List Operations](#) | [Expand Operations](#)

GET	/cinema/{cinema_id}/projections	getAllProjectionsForCinema
GET	/city/{city}/projections	getAllProjectionsForCity
GET	/genre/{genre_id}/projections	getAllProjectionsByGenre
GET	/genres	getAllgenres
POST	/projections	addProjection
DELETE	/projections/{projection_id}	deleteProjection
GET	/projections/{projection_id}	getProjectionById
PUT	/projections/{projection_id}	editProjection
GET	/projections/{projection_id}/places	getFreePlacesForProjection

hall-controller : Hall Controller

[Show/Hide](#) | [List Operations](#) | [Expand Operations](#)

GET	/hall/{hall_id}	getHallById
POST	/halls	addHall
DELETE	/halls/{hallId}	deleteHall
PUT	/halls/{hallId}	editHall



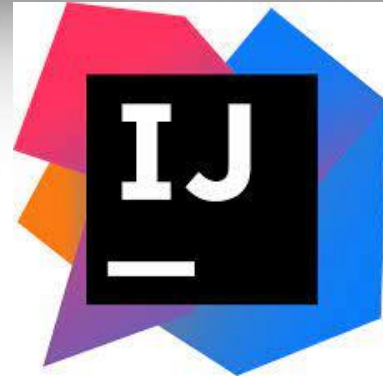
Technologies



git



Project
Lombok



HIBERNATE



spring®



Maven™

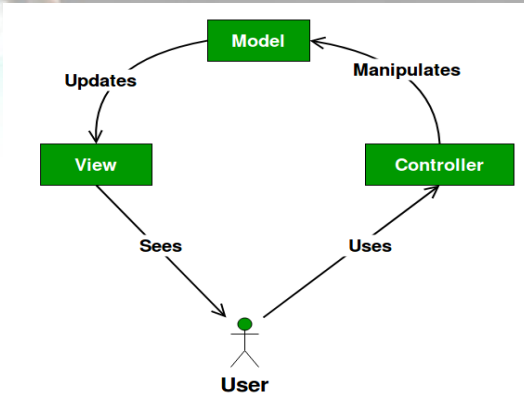


Java™

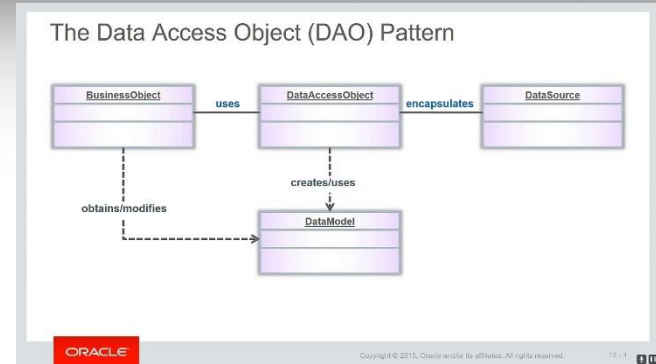


POSTMAN

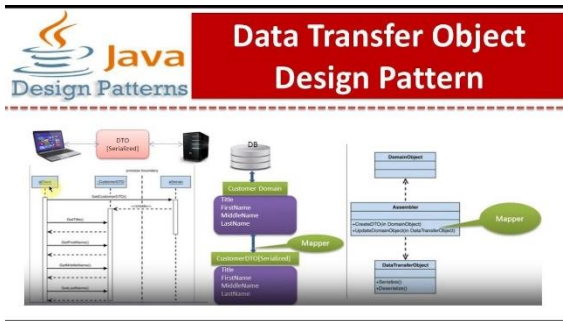
Design Patterns



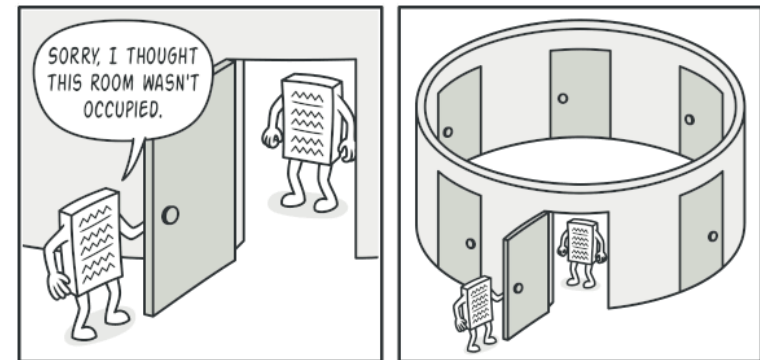
MVC(Model View Controller)



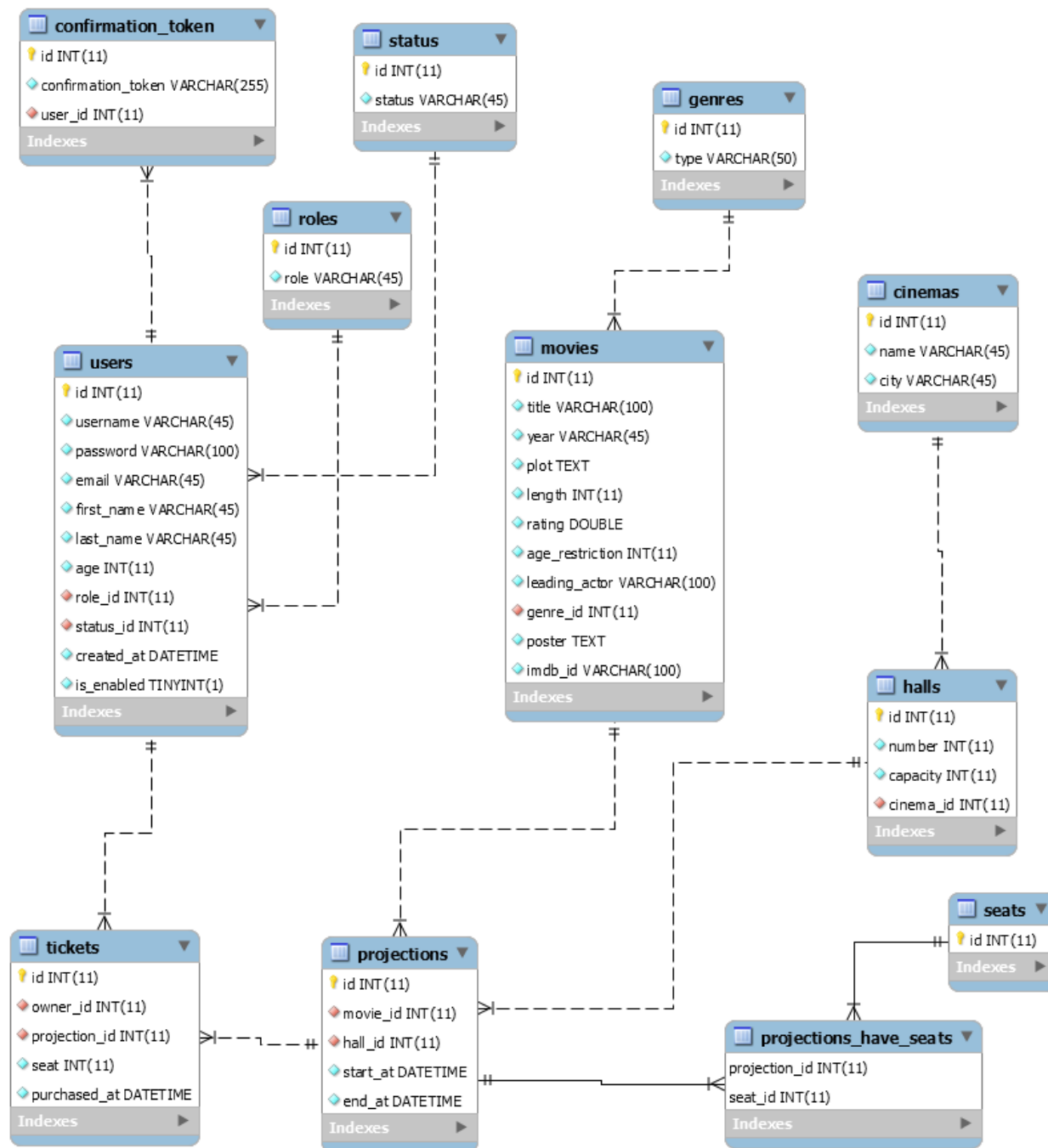
DAO(Data Access Object)



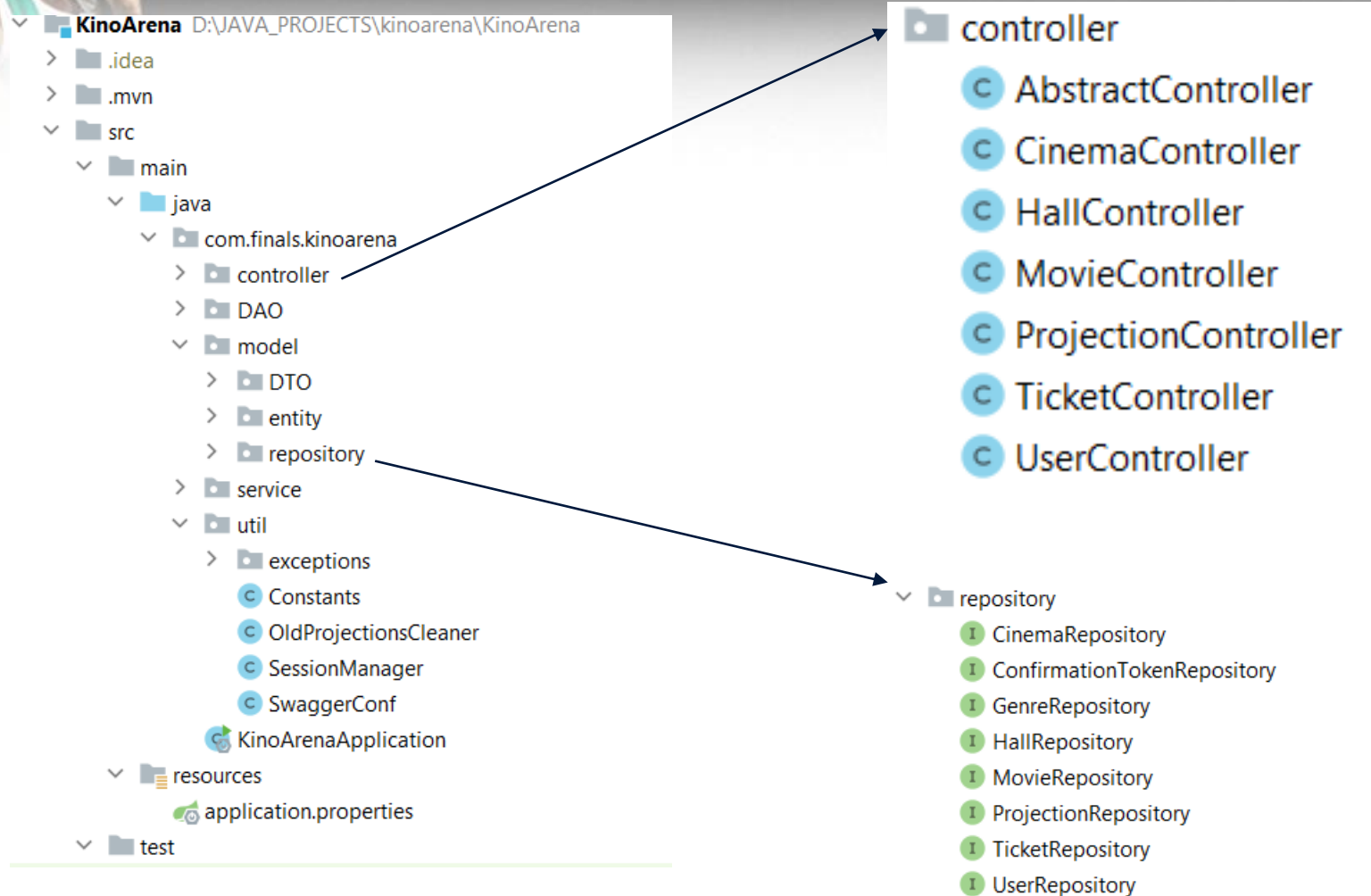
DTO(Data Transfer Object)



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

