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Car Repair Web App

TEAM 2

CRUD Application

Team Members Introduction

Full Stack Development

Back End Development

Front End Development

Data Engineer
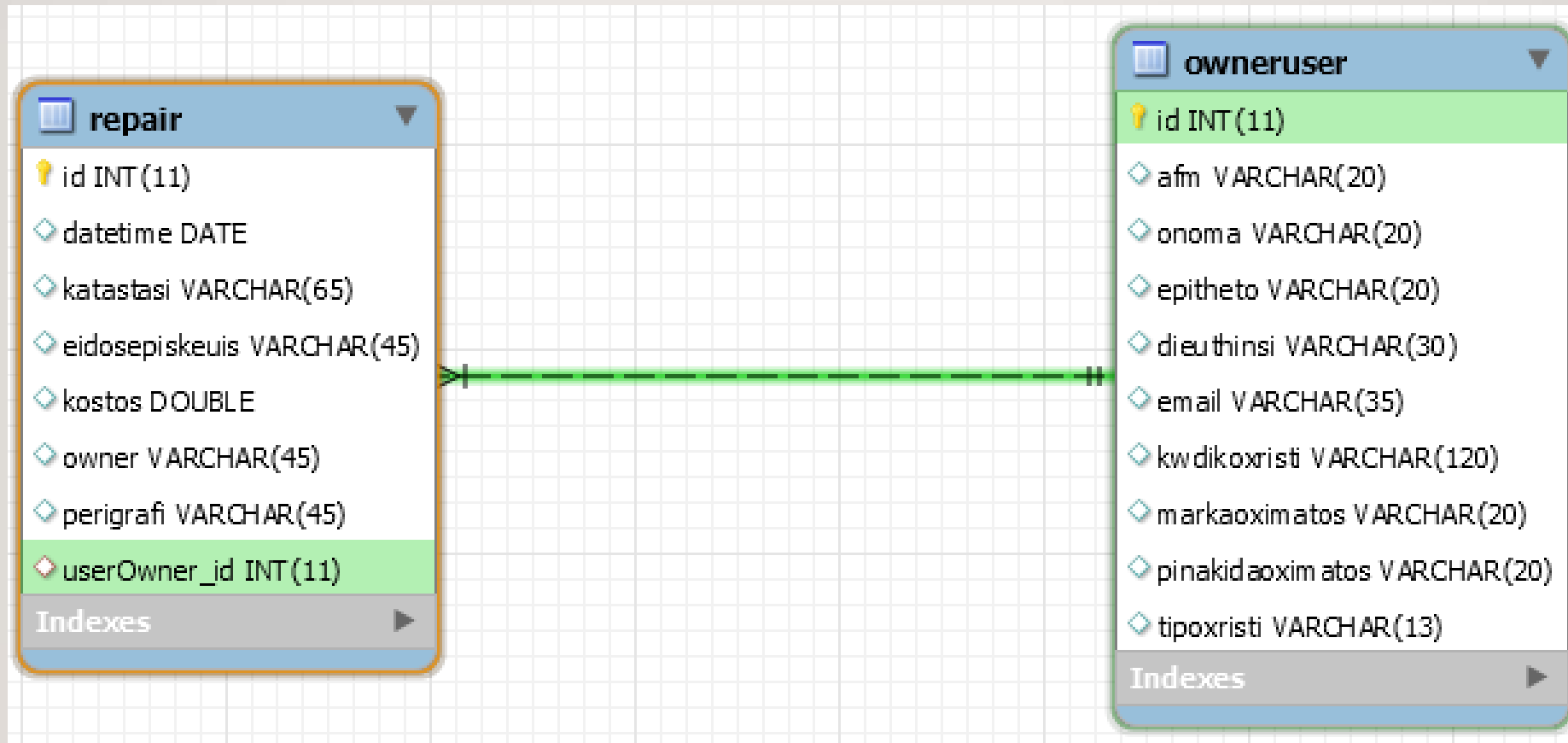
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Database Integration

- Table: Owner
  - → αφμ, ονομα, επιθετο, διευθυνση,email, μαρκα, πινακιδα
- Table: Repair
  - → ημερομηνια, κατασταση, ειδος επισκευης, κοστος, περιγραφη, owner

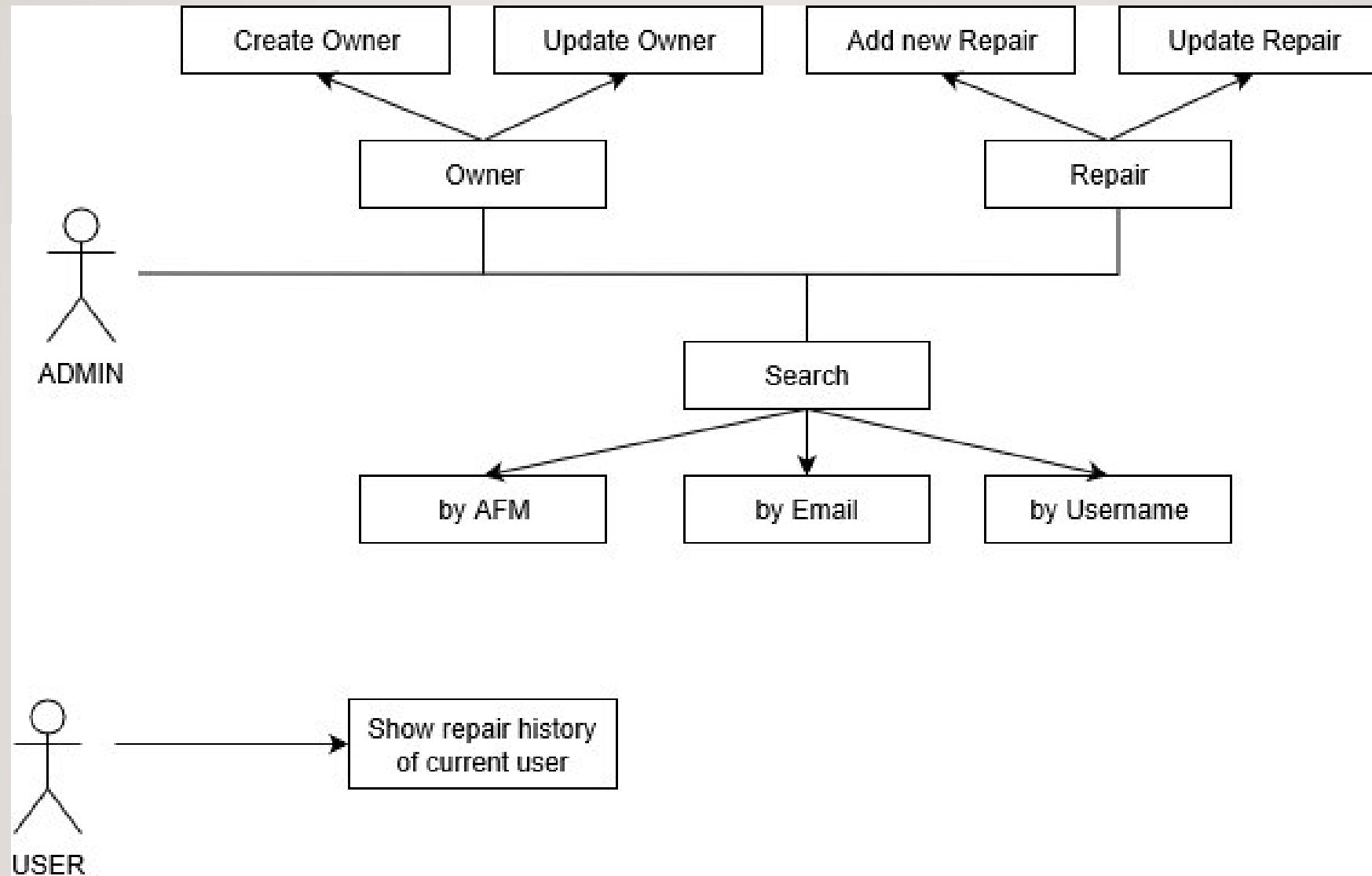*Project's Features Brief Presentation*

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Database Schema

Application Roles & Functionality

- Υπάλληλος → Create - Retrieve - Update – Delete

- Πελάτης → Retrieve

Project's Features Brief Presentation

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Web App Flow Chart

Technology Stack Overflow

- Java Spring (MVC)

- Data Initialization – MySQL (testing H2) → data/schema .sql
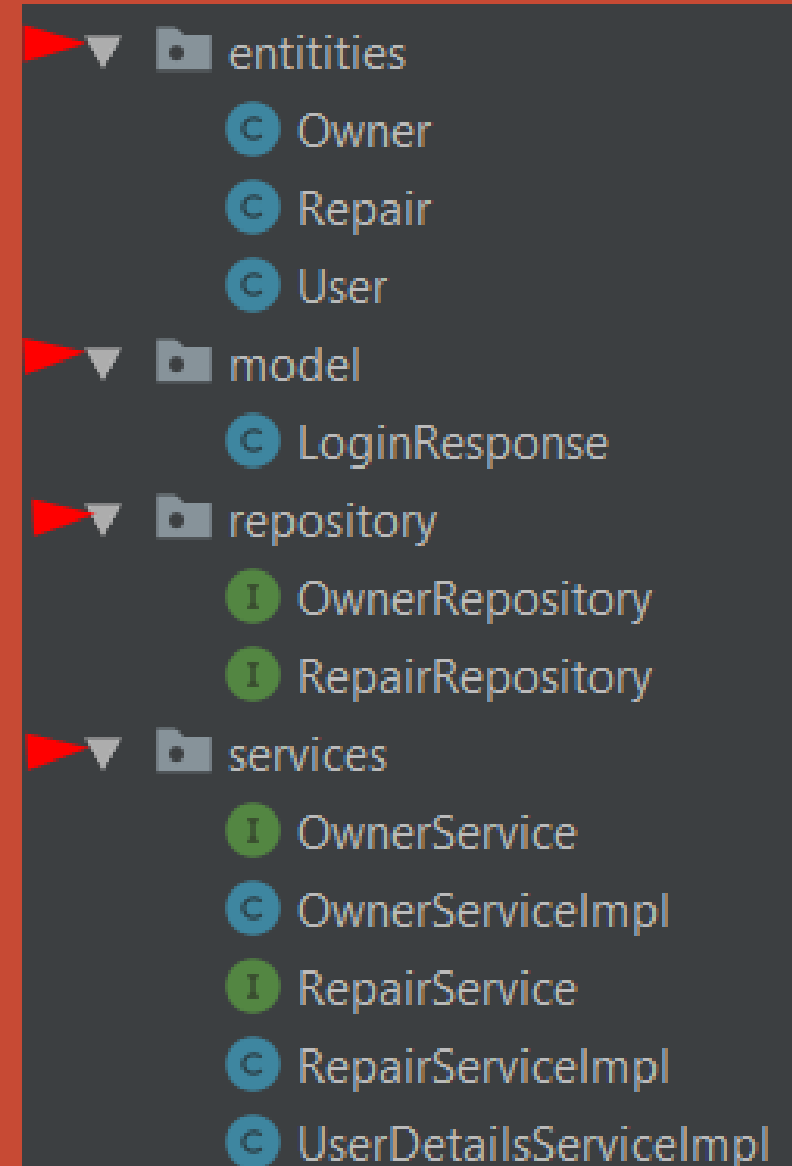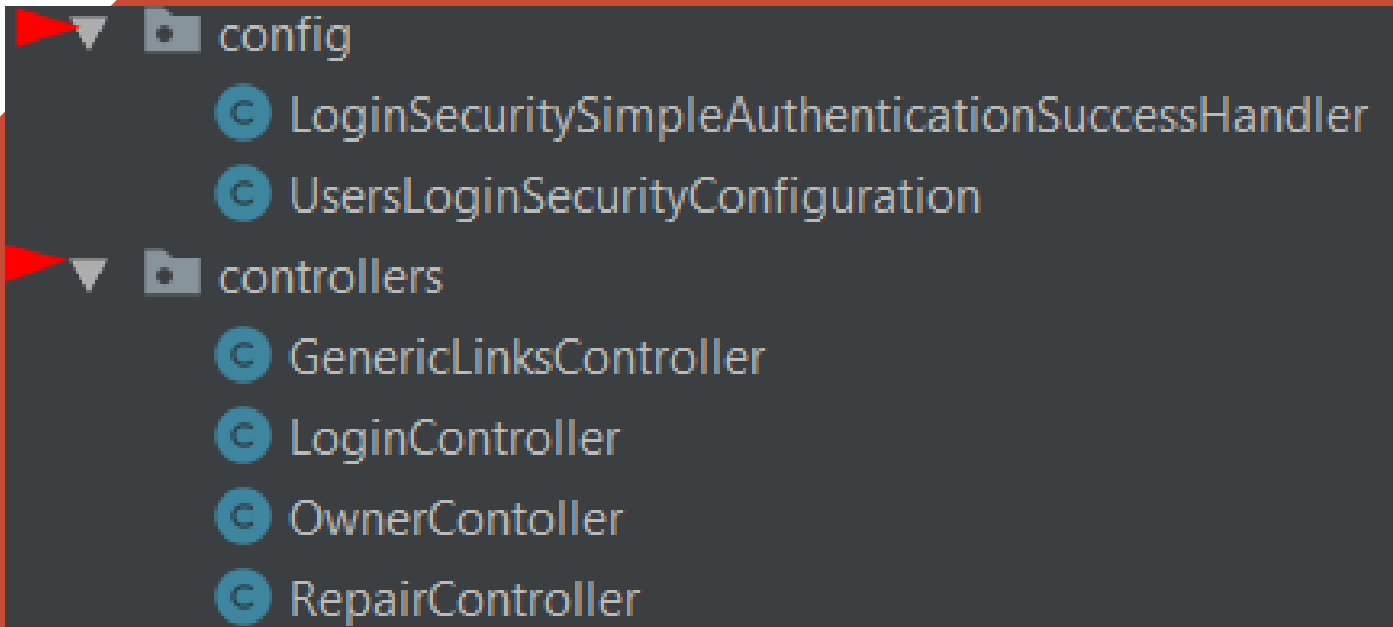
- JPA/Hibernate

Project's Features Brief Presentation

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Technology Stack Overflow

- Java Spring Security Login (beta version → in Memory)

- Freemarker Template & Bootsrap (beta version → jsp)

- GitHub Repo (team, login, master branch)→157 commits

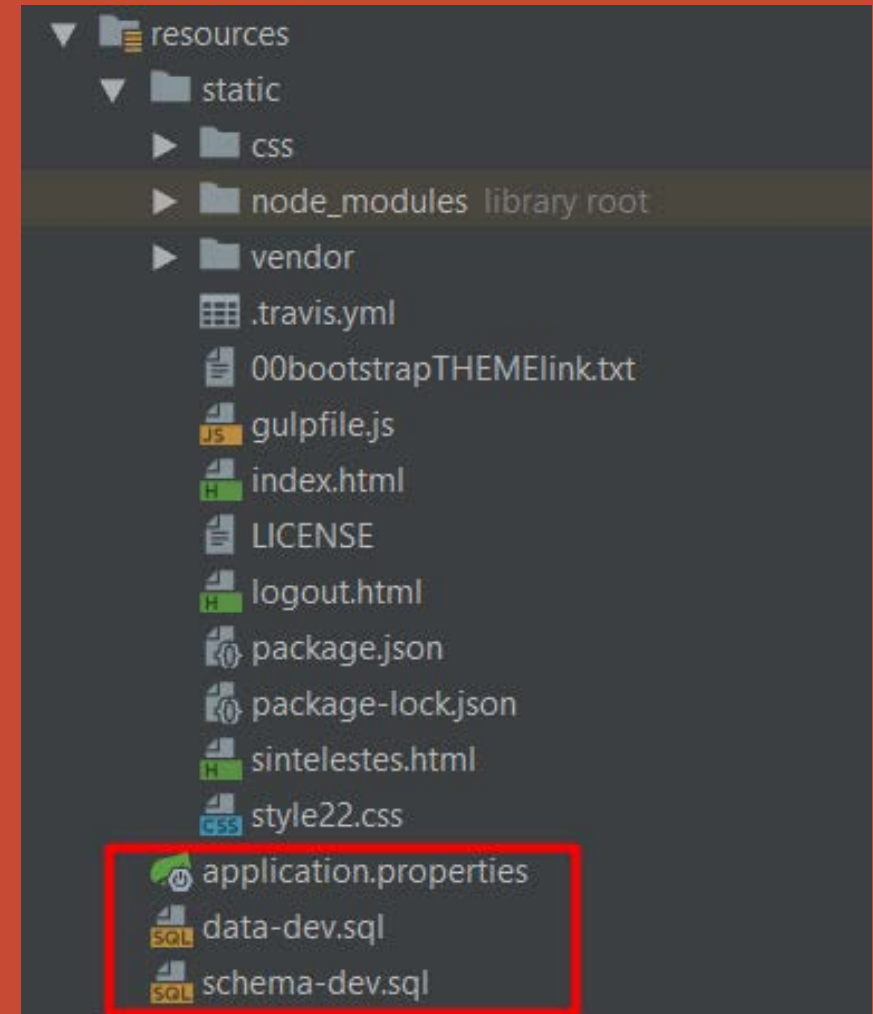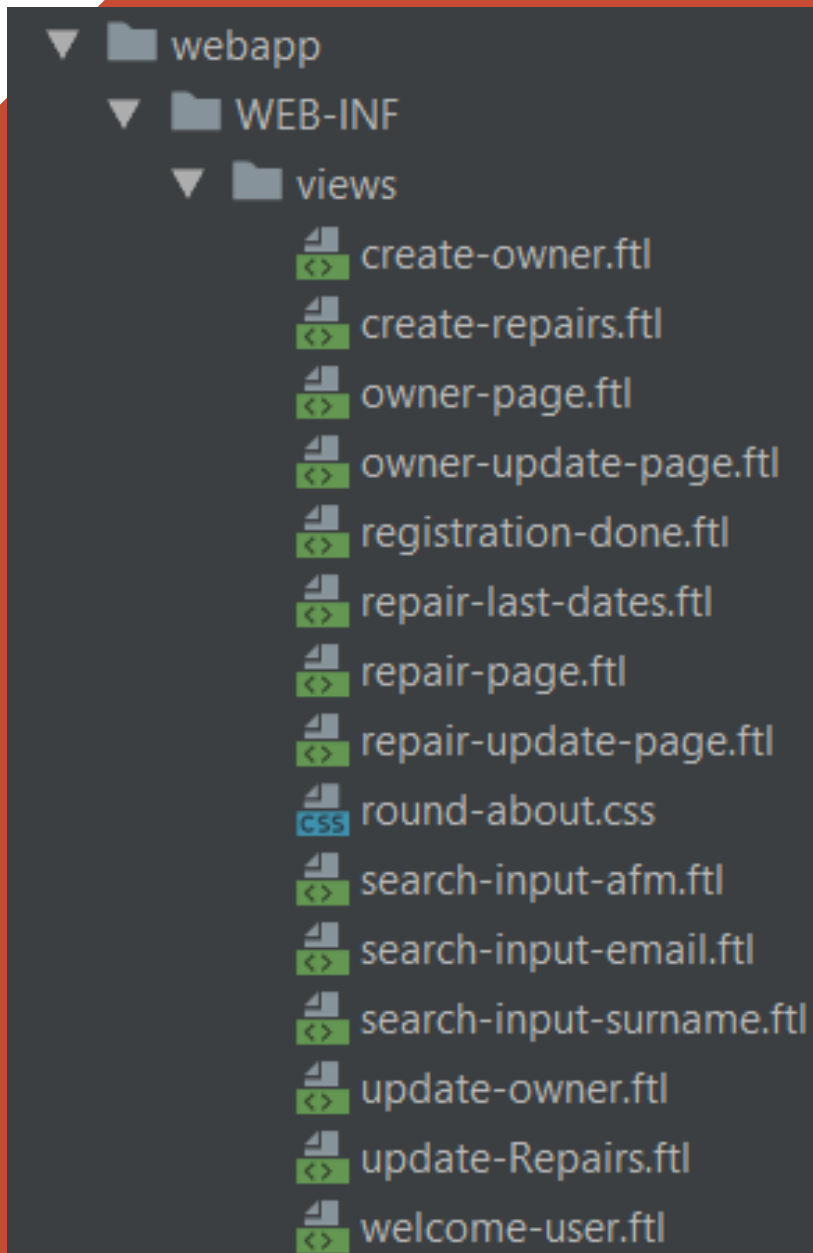- Trello Board & Slack ☺

Project's Features Brief Presentation

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Architecture Overview - MVC

config
- C LoginSecuritySimpleAuthenticationSuccessHandler
- C UsersLoginSecurityConfiguration

controllers
- C GenericLinksController
- C LoginController
- C OwnerContoller
- C RepairController

entitities
- C Owner
- C Repair
- C User

model
- C LoginResponse

repository
- I OwnerRepository
- I RepairRepository

services
- I OwnerService
- C OwnerServiceImpl
- I RepairService
- C RepairServiceImpl
- C UserDetailsServiceImpl

Skinny Controllers – Fat Services

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Architecture Overview – Service Orientated

Impl. Highlights

- Extra: Search by surname

- Db passwords → Hash encryption

- User/Admin login redirection
- User login → 403 error Unauthorized

Project's Features Brief Presentation

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Team Organization

- Horizontal Approach – Separation of concerns

- P1. Controller → dummy site to simple JSON output / JS output
- P2. Entities → Schema/Database queries testing
- P3. Services → implementation of methods (Entity-Repo-<u>Service</u>)
- P4. Front-End → .ftl implementation -responsiveness + beta user

e.g. Form Input Example

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Challenge Faced

- Jsp Implementation …
- FTL conversion to string

- Data Initialization Not set (SQL files)

- Security Spring → Login redirect, credentials (beta: in memory)
- GitHub branches- commit / checkout

Your challenge should you choose to accept it!

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Thank you for your time