**Technikon**

# FULL-STACK DEVELOPMENT FOR RENOVATION CONTRACTOR MANAGEMENT

The Implementation of
a web application

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# Introduction

The Technico web application is a full-stack project for managing customers, properties, and repairs in a renovation contractor agency

The project consists of two parts:
1. Backend: Refactored into a REST API using Jakarta EE and deployed on WildFly
2. Frontend: A web client interface built with Angular

# Today's Agenda

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- Project Code Structure

- Backend Testing

  - Use Postman to test REST API endpoints
  - Verify correct functionality of CRUD operations

- Frontend Testing

  - Run the application from a browser
  - Test the integration between the frontend and backend
  - Verify page navigation, data display, and form submissions

# Project Code Structure: Package Overview

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Apache NetBeans

∨ 📁 Source Packages
  〉 dto
  〉 .enums
  〉 .modeles
  〉 repositories
  〉 .resources
  〉 .services
  〉 exceptions
  〉 security

∨ src
  ∨ app
    〉 add-owner-form
    〉 edit-owner-form
    〉 file-not-found
    〉 home
    〉 owner
    〉 property
    〉 service
    # app.component.css
    <> app.component.html
    TS app.component.ts