

# HRMS Project

I developed a web project with Java and Spring Boot. I had joined Java bootcamp which organized by kodlama.io and I have completed this project at the end of the bootcamp.

## What is this Project?

This project had been designed as human research management system back-end. It has structures that a user can login, register, load the CV, look and sort the job advertisement or add the job advertisement. It is like kariyer.net

## General Information:

- Spring Boot (v2.4.5) was used in this project.
- The dependencies are as follows:
  - spring-boot-(jpa,web,devtools,test)
  - lombok
  - swagger2
- Hibernate was used for ORM tool in this project.
- I used relational database architecture with PostgreSQL in this project
- I created a layered architecture.
  - Entities: Built for database objects
  - Business: It is the Business layer that will be created for processing or content based on the conditions required for requests. In addition, it has business rules
  - DataAccess: Built to perform CRUD operations on the database. If there is a problem on business layer, the request will not come here. All interface extends JpaRepository and this built let us to write HQL for access to data
  - Core: It is a framework layer. Contains the utilities package. this layer can be used in other projects in the same way
  - Web API: It has controllers. It is like a bridge because this layer connects back-end with front-end (web, mobile app, desktop app...)