



Pension Management System

Done By: Manogna Kadarla
Employee Id: 2180115

Contents

- Introduction
- Requirements
- Project Structure
- Implementation
- Annotations
- Conclusion



Introduction

- The main objective of pension management system is to manage the pension activity.
- Admin can login and check the applicant and status, and applicants can check their application.
- The pension management system which helps to manage the activity of pensions like applicants, applicant's details, balance, manage applications and manage the record of pensions issued. •
- The use of this project is to reduce the manual work, document management work in pension offices to increase security and save time

Requirements

- IntelliJ
- Docker
- Postman
- Springboot
- Java SDK



Project Structure

- Create project using Spring Initializr
- Build the project using maven
- Run the project with springboot
- Dockerization using docker
- Connection to mysql database via docker
- Testing the project using Postman



Implementation

- @PostMapping
- @GetMapping
- Create applicant
- Issue Pension
- Load Pension
- Check Status
- Check Balance



Annotations

- `@SpringBootApplication`: is used to mark a configuration class that declares one or more `@Bean` methods and also triggers auto-configuration and component scanning.
- `@RestController`: This annotation is applied to a class to mark it as a request handler. Spring `RestController` annotation is used to create RESTful web services using Spring MVC.
- `@Autowired`: Used to inject dependencies

Conclusion

- This project focuses on developing and implementing a web-based pension fund management information system that automates the pensioners' registration process, an integrated platform for selecting preferred PFA will enable storage, manipulation, retrieval, retention and viewing of records, documents of employee/pensioner's information.





Thank You !