

# Pension Management System

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# Content:

- ▶ JAVA
- ▶ Spring / Spring boot
- ▶ Docker
- ▶ Database
- ▶ Introduction to Pension Management System
- ▶ Concusion

# What is Java ?

- ▶ Java is a platform-independent, object-oriented programming language(OOP).
- ▶ It was developed by James Gosling and first released by sun Microsystems in 1995.
- ▶ More than 3 billion device run Java programs.

# What is Spring Boot ?

- ▶ Spring Boot is an open source Java-based framework used to create a micro Service. It is developed by Pivotal Team and is used to build stand-alone and production ready spring application.

# What is Docker?

- ▶ Docker is an open platform for developing, shipping and running application. Docker enables you to separate your applications from your infrastructure so you can deliver software quickly.

# What is Database ?

- ▶ MySQL is an open source database. As a relational database, it can process structured and unstructured data.

# Project Briefing:

Create a class named pension.java in pension management system project

Create a controller class named pensioncontroller and service class named as pensionservice

- Write all entity in pension class
- Write get,post,put,delete calls in controller and call them in service class

Extend repository

- Add all details needed for database in application.properties.

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# Security:

- ▶ There are two roles on this application
- ▶ ADMIN
- ▶ USER
- ▶ The Admin can update and post data
- ▶ The user can only check data



# 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