**USER TASK Management**

**Project Functionality:**

* User can sign in using unique user name and password securely and log out once task has been done
* User can view her/his task list
* User can add/remove task
* All changes persistent user can view them in next sign in
* Each task displays the date of last updates and description

**Tools and Technologies Used**

* Spring Boot — 2.5.5
* Spring Security — 2.5.5
* Spring Framework — 5.3.10
* Spring Data JPA — 2.5.5 RELEASE
* Hibernate — 5.4.32 Final
* Thymeleaf — 3.0.12 RELEASE
* Maven — 3.6+
* Tomcat 8
* IDE — Eclipse
* H2 Database — 1.4.200
* Junit 5
* **Spring Boot** makes easier when building a new application. Easily setup and configure removed all boiler plate configuration, its ready to use framework
* **Spring security** is open-source security framework, it supports authentication and authorization, it protects against common task
* Its easy-to-use **Spring Data JPA** with spring boot by adding dependency into pom.xml and few lines of configuration into properties file its ready to use. No need to write queries for basic curd operation already support provided by JPA
* **Maven** is project management and dependency management tool that provide complete build-lifecycle framework
* **H2 database** is open source in-memory database

**User Credentials to login**

* User Name: test
* password: pwd123
* User Name: test1
* password: pwd12345

**Steps to Build Deploy and Login**

* Build Project by running command using command prompt from project root folder

**mvn clean install**

copy war from target folder and deploy

* Deploy service into Tomcat server
* After deployment run below URL on browser
* **http://localhost:8080/userManagement**