

# Spring Boot Application:

Maisha Maimuna, Neptun: YV9K29

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## Introduction

This project is a User Management System built with Spring Boot, Thymeleaf, and H2 Database. It supports basic user operations like listing and creating users.

## Project Structure

```
usermanagement
|-- src
| |-- main
| | |-- java
| | | |-- com.example.demo
| | | | |-- DemoApplication.java
| | | | |-- controller
| | | | | |-- UserController.java
| | | | |-- model
| | | | | |-- User.java
| | | | |-- repository
| | | | | |-- UserRepository.java
| | | | |-- service
| | | | | |-- UserService.java
| | |-- resources
| | | |-- application.properties
| | | |-- templates
| | | | |-- userList.html
| |-- schema.sql
| |-- data.sql
|-- pom.xml
```

## Thymeleaf Templates

### userList.html

```
html
Copy code
<!DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org">
<head>
  <title>User List</title>
</head>
<body>
  <h1>Users</h1>
  <table>
    <tr>
```

```
<th>ID</th>
<th>Name</th>
<th>Email</th>
</tr>
<tr th:each="user : ${users}">
  <td th:text="${user.id}">ID</td>
  <td th:text="${user.name}">Name</td>
  <td th:text="${user.email}">Email</td>
</tr>
</table>
</body>
</html>
```

## Running the Project

Accessing the application at <http://localhost:8082>. Viewing the user list at <http://localhost:8082/users>.