Spring Boot Registration Login:

Requirement:

1. MySql Driver 🡪 database
2. Spring Security 🡪 authentication
3. Spring Boot DevTools 🡪 automatic restart
4. Spring Web 🡪 web app
5. Spring Data JPA 🡪 for data access layer
6. Thymeleaf 🡪

Create a database

Add configuration on application properties

Class Diagram:

1. Data Access Layer: provides simplified access to the data:

Classes:

User UserRepository JPARepository

-ID +FindByEmail +find()

-Email +save()

1. Controller Layer

AppController : instance of AppController for UserRepository

-userRepo:userRepository

+viewHomepage()

1. Security Layer:

CustomerUserDetails

-user: User

Spring Boot Authentication

Graphical user interface, text, application, chat or text message

Description automatically generated