

# MY DETAILS

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Project- Telecom Web Application

# ACKNOWLEDGEMENT

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# SPRING BOOT

Standalone applications—Spring Boot helps create apps that aren't tied to

a specific platform and that can run locally on a device without an

internet connection or other installed services to be functional.

Embedded servers—Spring Boot allows you to embed servers such as Tomcat, Jetty, or Undertow directly.

# JWT

JWTs can be used in various ways:

- Authentication: When a user successfully logs in using their credentials, an ID token is returned.

According to the OpenID Connect (OIDC) specs, an ID token is always a JWT.

- Authorization: Once a user is successfully logged in, an application may request to access routes, services, or resources (e.g., APIs) on behalf of that user. To do so, in every request, it must pass an Access Token, which may be in the form of a JWT. Single Sign-on (SSO) widely uses JWT because of the small overhead of the format, and its ability to easily be used across different domains.

- Information Exchange: JWTs are a good way of securely transmitting information between parties because they can be signed, which means you can be sure that the senders are who they say they are. Additionally, the structure of a JWT allows you to verify that the content hasn't been tampered with.

# ANGULAR

With many front-end JavaScript frameworks to choose from, it's natural to wonder what makes Angular stand apart. Angular provides an excellent method for creating web applications, giving structure and types that help developers learn and build with the framework. Enterprise developers find that Angular provides out-of-the-box functionality and tools that allow large teams to organize their work to deliver great web experiences.

# LOGIN PAGE

← → ↻ localhost:4200/login

YouTube Maps Evernet – Broadban... Telecom Business... example frontend f...

## LOGIN

Phone Number

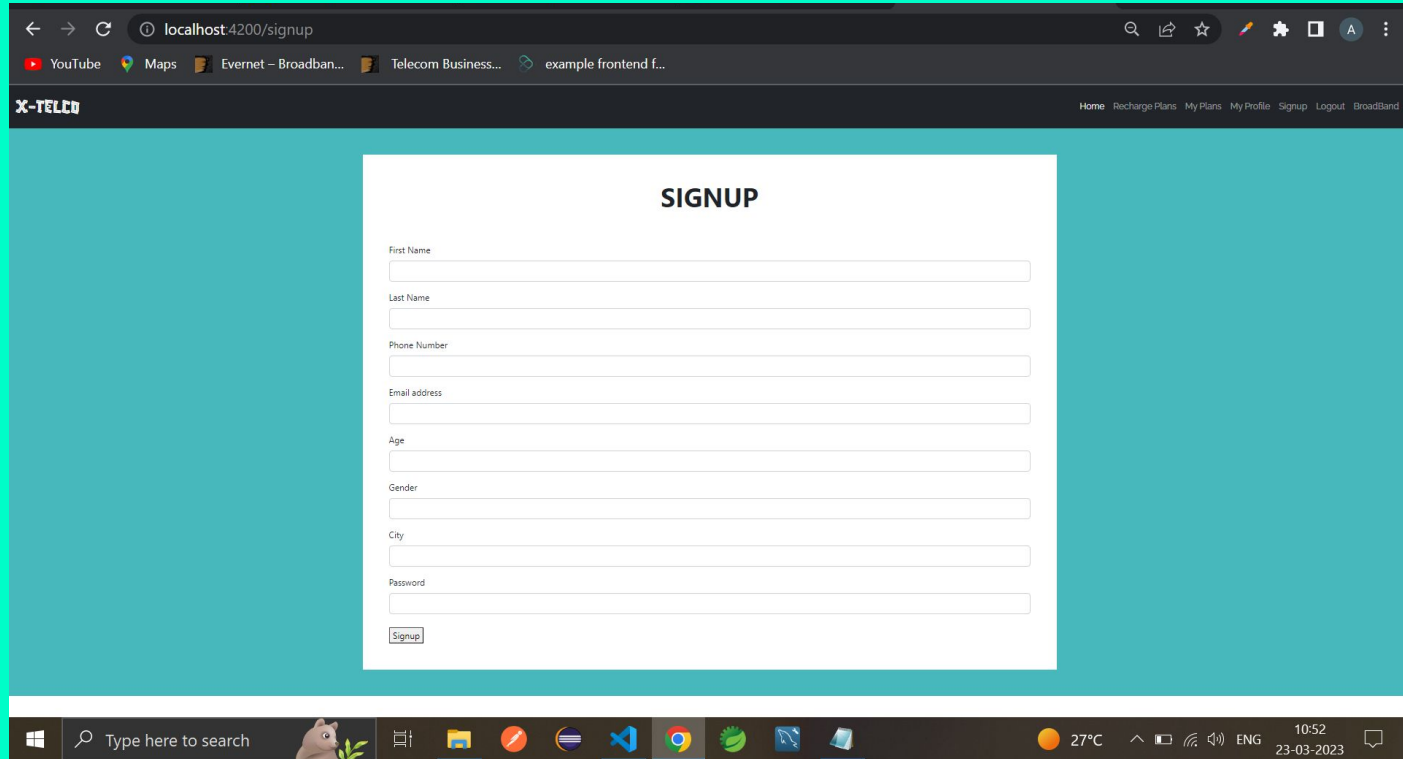
Password

Login

[New User? Click to Signup!!](#)

Windows taskbar: Type here to search, 27°C, 10:48, 23-03-2023

# SIGNUP PAGE



localhost:4200/signup

YouTube Maps Evernet – Broadban... Telecom Business... example frontend f...

X-TELCO Home Recharge Plans My Plans My Profile Signup Logout BroadBand

## SIGNUP

First Name

Last Name

Phone Number

Email address

Age

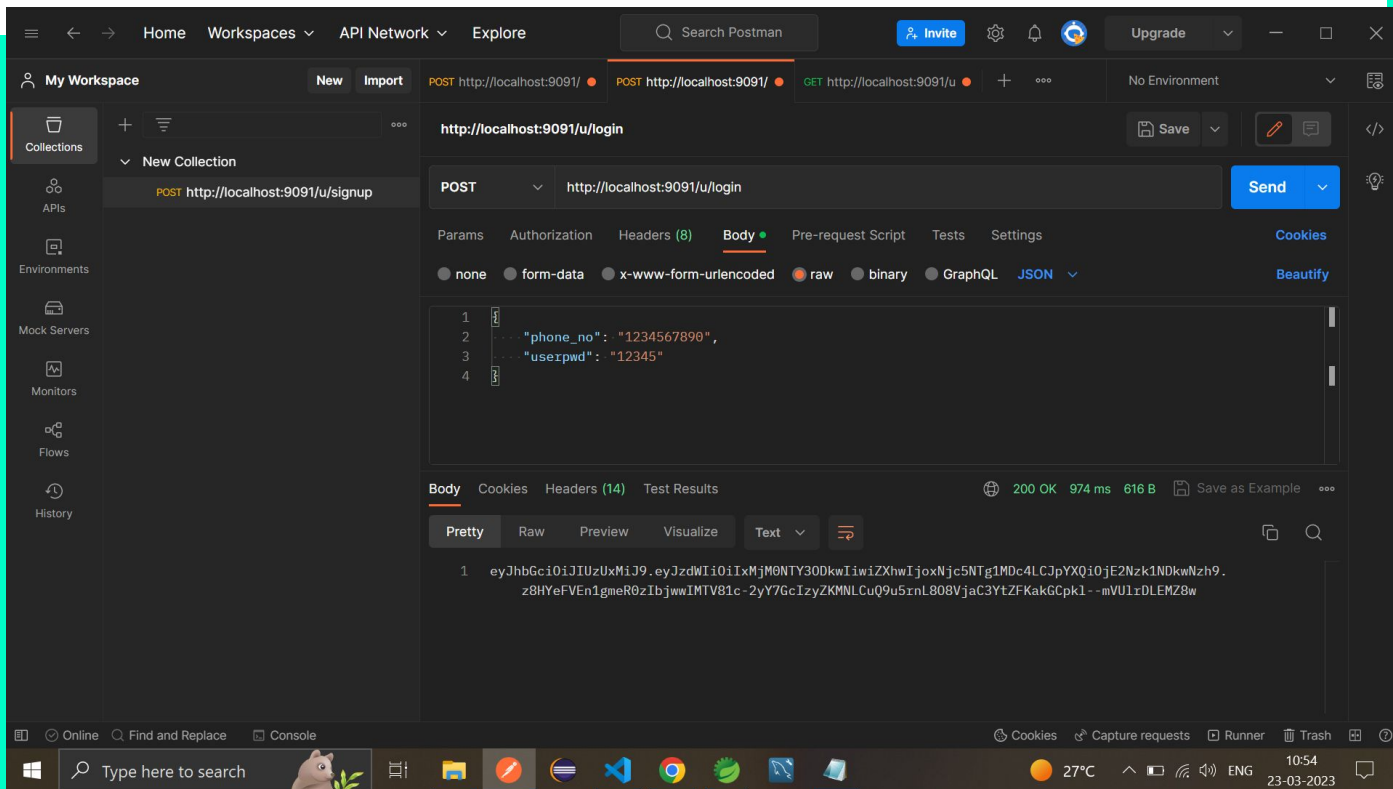
Gender

City

Password

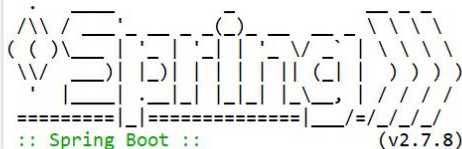
Windows taskbar: Type here to search, 27°C, 10:52, 23-03-2023

# GENERATING TOKEN FROM POSTMAN





# SPRING BOOT BACKEND



```
2023-03-23 10:54:22.029 INFO 8752 --- [
2023-03-23 10:54:22.032 INFO 8752 --- [
2023-03-23 10:54:22.732 INFO 8752 --- [
2023-03-23 10:54:22.791 INFO 8752 --- [
2023-03-23 10:54:23.252 INFO 8752 --- [
2023-03-23 10:54:23.265 INFO 8752 --- [
2023-03-23 10:54:23.265 INFO 8752 --- [
2023-03-23 10:54:23.394 INFO 8752 --- [
2023-03-23 10:54:23.394 INFO 8752 --- [
2023-03-23 10:54:23.564 INFO 8752 --- [
2023-03-23 10:54:23.623 INFO 8752 --- [
2023-03-23 10:54:23.784 INFO 8752 --- [
2023-03-23 10:54:23.892 INFO 8752 --- [
2023-03-23 10:54:24.173 INFO 8752 --- [
2023-03-23 10:54:24.197 INFO 8752 --- [
2023-03-23 10:54:24.885 INFO 8752 --- [
2023-03-23 10:54:24.894 INFO 8752 --- [
2023-03-23 10:54:25.448 WARN 8752 --- [
2023-03-23 10:54:25.630 INFO 8752 --- [
2023-03-23 10:54:25.663 INFO 8752 --- [
2023-03-23 10:54:25.924 INFO 8752 --- [
2023-03-23 10:54:25.924 INFO 8752 --- [
```

```
main] c.s.a.telecomapp.TelecomApplication : Starting TelecomApplicat
main] c.s.a.telecomapp.TelecomApplication : No active profile set, f
main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Dat
main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data rep
main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with
main] o.apache.catalina.core.StandardService : Starting service [Tomcat
main] org.apache.catalina.core.StandardEngine : Starting Servlet engine:
main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embe
main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationConte
main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing Pe
main] org.hibernate.Version : HHH000412: Hibernate ORM
main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate C
main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting.
main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start com
main] org.hibernate.dialect.Dialect : HHH000400: Using dialect
main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlat
main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityMa
main] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view
main] o.s.s.web.DefaultSecurityFilterChain : Will secure any request
main] pertySourcedRequestMappingHandlerMapping : Mapped URL path [/v2/api
main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s)
main] d.s.w.p.DocumentationPluginsBootstrapper : Context refreshed
```



27°C



ENG

10:56

23-03-2023



THANK YOU