AuthController - ListUsers AddSecurity

Remove below lines in SecurityConfig.java

```
.requestMatchers("/**").permitAll()
```

```
.requestMatchers("/db-console/**").permitAll()
```

Update below lines in SecurityConfig.java

```
.requestMatchers("/token").permitAll()
```

To

```
.requestMatchers("/auth/token").permitAll()
```

Add below line in SecurityConfig.java

```
.requestMatchers("/auth/Users/add").permitAll()
```

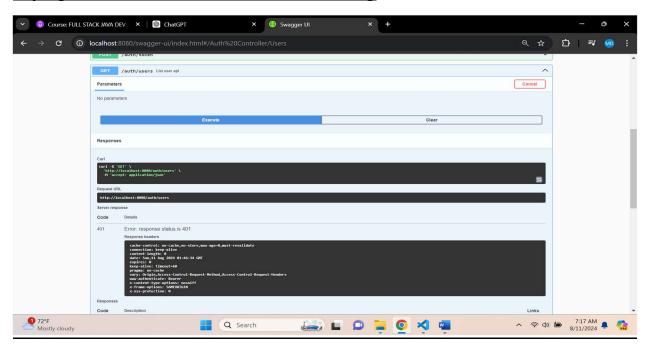
```
.requestMatchers("/auth/users").hasRole("USER")
```

Updated securityFilterChain method

```
.requestMatchers("/auth/users/add").permitAll()
                        .requestMatchers("/auth/users").hasRole("USER")
                        .requestMatchers("/swagger-ui/**").permitAll()
                        .requestMatchers("/v3/api-docs/**").permitAll()
                        .requestMatchers("/test").authenticated() // `/test`
requires authentication
                // JWT-based authentication
                .oauth2ResourceServer(oauth2 -> oauth2
                        .jwt(Customizer.withDefaults()))
                // Stateless session management
                .sessionManagement(session -> session
                        .sessionCreationPolicy(SessionCreationPolicy.STATELESS))
                .headers(headers -> headers
                        .frameOptions(frameOptions ->
frameOptions.sameOrigin())); // Required for H2 console
        return http.build();
```

Output

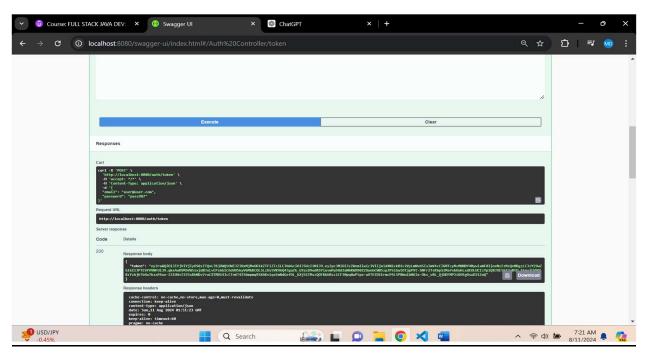
Trying to list of users without authorizing



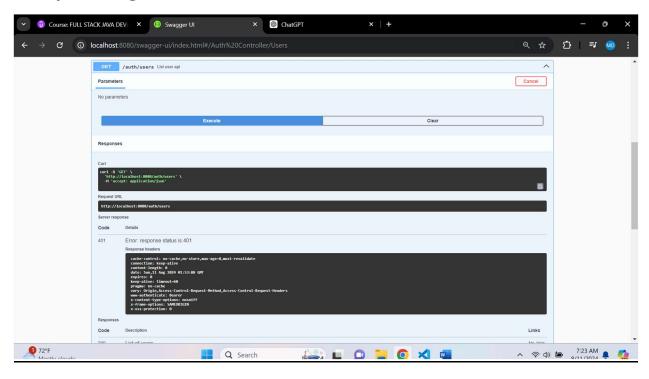
Update UserLoginDTO.java

```
package org.studyeasy.SpringRestdemo.payload.auth;
import io.swagger.v3.oas.annotations.media.Schema;
import io.swagger.v3.oas.annotations.media.Schema.RequiredMode;
import jakarta.validation.constraints.Email;
import jakarta.validation.constraints.Size;
import lombok.Getter;
import lombok.Setter;
@Getter
@Setter
public class UserLoginDTO {
   @Email
    @Schema(description = "Email Address", example = "user@user.com",
requiredMode = RequiredMode.REQUIRED)
    private String email;
    @Size(min = 6, max = 20)
    @Schema(description = "Password", example = "pass987", requiredMode =
RequiredMode.REQUIRED, maxLength = 20, minLength = 6)
    private String password;
```

Output:- Token Generation



And you still get error



Make changes in HomeController.java - commenting

```
package org.studyeasy.SpringRestdemo.controller;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RestController;

// import io.swagger.v3.oas.annotations.security.SecurityRequirement;
// import io.swagger.v3.oas.annotations.tags.Tag;

@RestController
public class HomeController {

    @GetMapping("/")
    public String demo(){
        return "Hello World";
    }

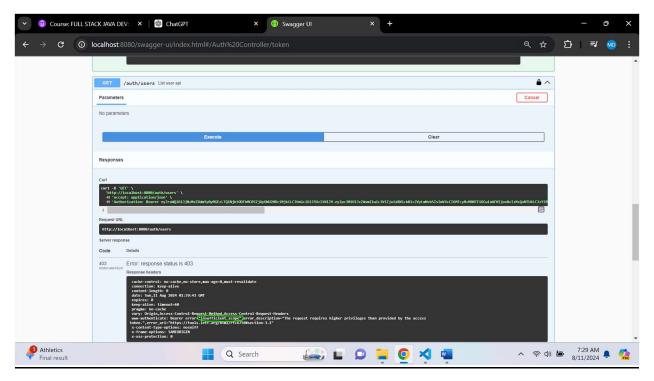
    // @GetMapping("/test")
    // @GetMapping("/test")
    // @GetMapping("/test")
    // @GetMapping("/test")
    // @SecurityRequirement(name = "studyeasy-demo-api")
    // public String test(){
```

```
// return "Test Api";
// }
}
```

<u>In AuthController -> method -> Users -> add annotation -> SecurityRequirement</u>

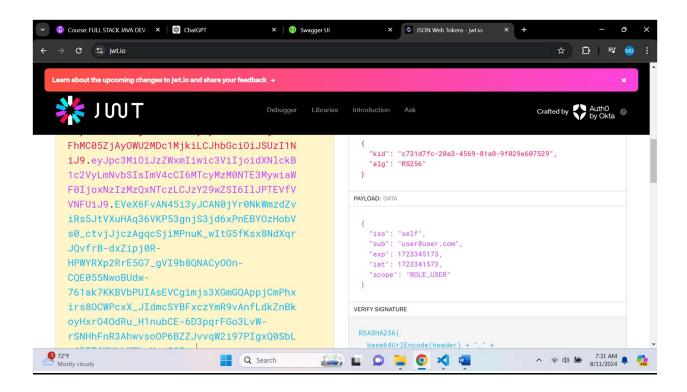
```
@SecurityRequirement(name = "studyeasy-demo-api")
```

<u>Output – Insufficient scope</u>



Check it through -> jwt.io

It is valid scope and token; then why it is giving like this?



.hasRole() -> Used for monolithic application. So use has Authority()