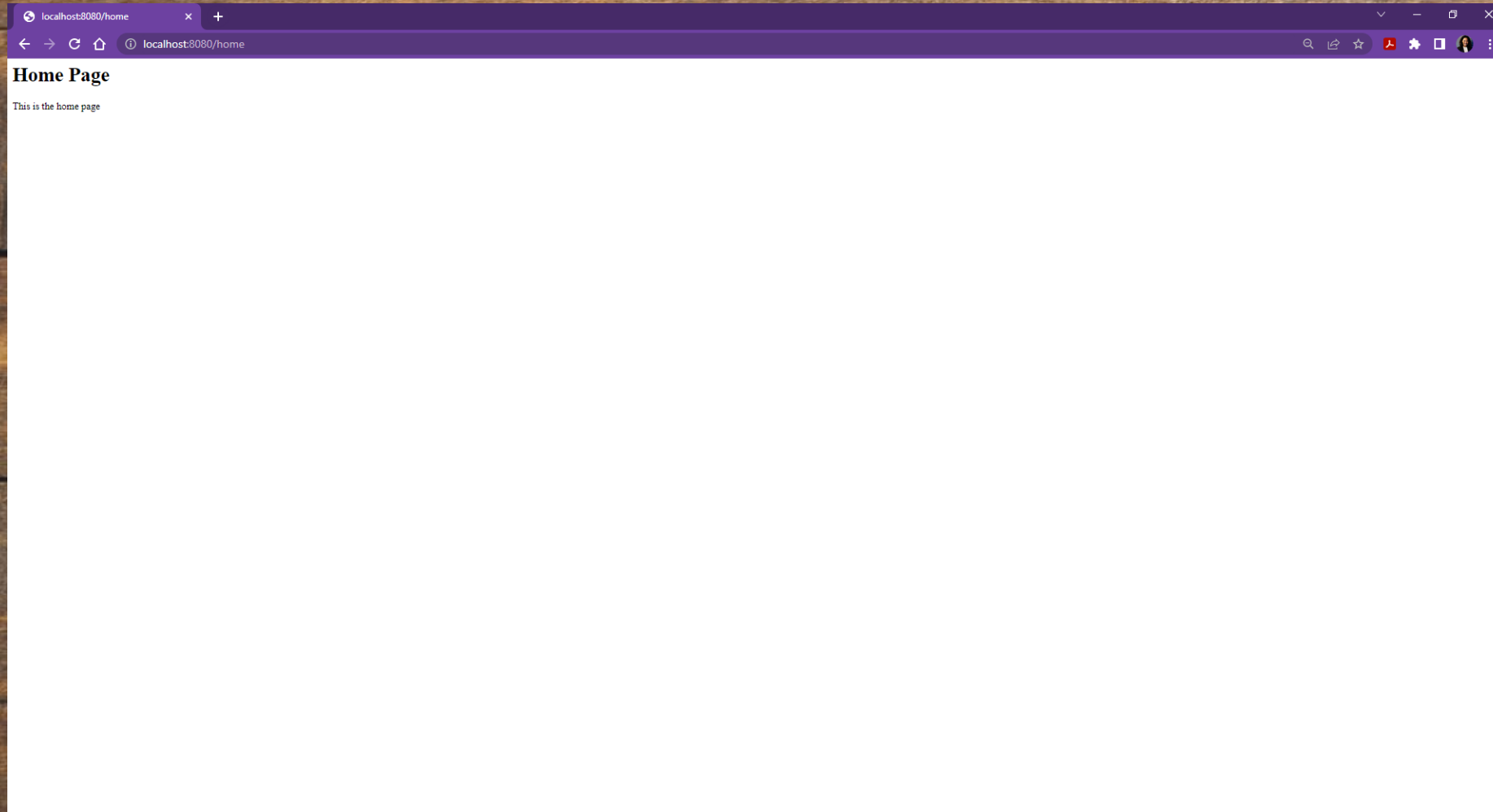**Application Screenshots & Testing**

Phase 3 Project
Nia Kelley Jester
December 2022
Instructor: Sonam Soni

Home Page
No restrictions

TESTING THE BACKEND

with BROWSER as an ADMIN User

Note about testing with POSTMAN

1. Provide Basic Auth credentials

2. Find the JSESSIONID token from localhost (after login successful)
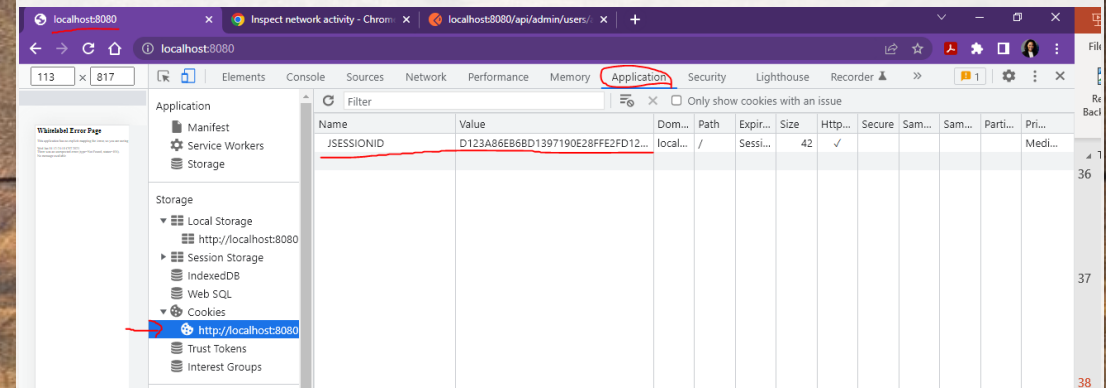
3. Add the JSESSIONID to POSTMAN

Custom Login Page
Logged in as Admin Role

Please sign in

ozbrown

••••••••

Sign in

Spring Console

```
SportyShoesBackend - SportyShoesBackendApplication [Spring Boot App] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (Jan 1, 2023, 6:57:23 PM) [pid: 32016]
2023-01-01 18:57:32.091  INFO 32016 --- [   restartedMain] d.s.w.p.DocumentationPluginsBootstrapper : Context refreshed
2023-01-01 18:57:32.107  INFO 32016 --- [   restartedMain] d.s.w.p.DocumentationPluginsBootstrapper : Found 1 custom documentation plugin(s)
2023-01-01 18:57:32.134  INFO 32016 --- [   restartedMain] s.d.s.w.s.ApiListingReferenceScanner     : Scanning for api listing references
2023-01-01 18:57:32.326  INFO 32016 --- [   restartedMain] c.s.SportyShoesBackendApplication        : Started SportyShoesBackendApplication in 6.287 s
2023-01-01 18:57:50.671  INFO 32016 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring DispatcherServlet 'dispatche
2023-01-01 18:57:50.671  INFO 32016 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet        : Initializing Servlet 'dispatcherServlet'
2023-01-01 18:57:50.673  INFO 32016 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet        : Completed initialization in 2 ms
inside loadUserByUserName()...
username = ozbrown
Hibernate: select user0_.username as username1_9_, user0_.date_created as date_cre2_9_, user0_.email as email3_9_, user0_.enabled as enabled4_9_, use
Found User: User [username=ozbrown, id=7, roleType=ADMIN, firstName=Oswald, lastName=Brown, email=ozbrown@home.com, password=$2a$12$P21wlkhdXzMRD3t3U
```
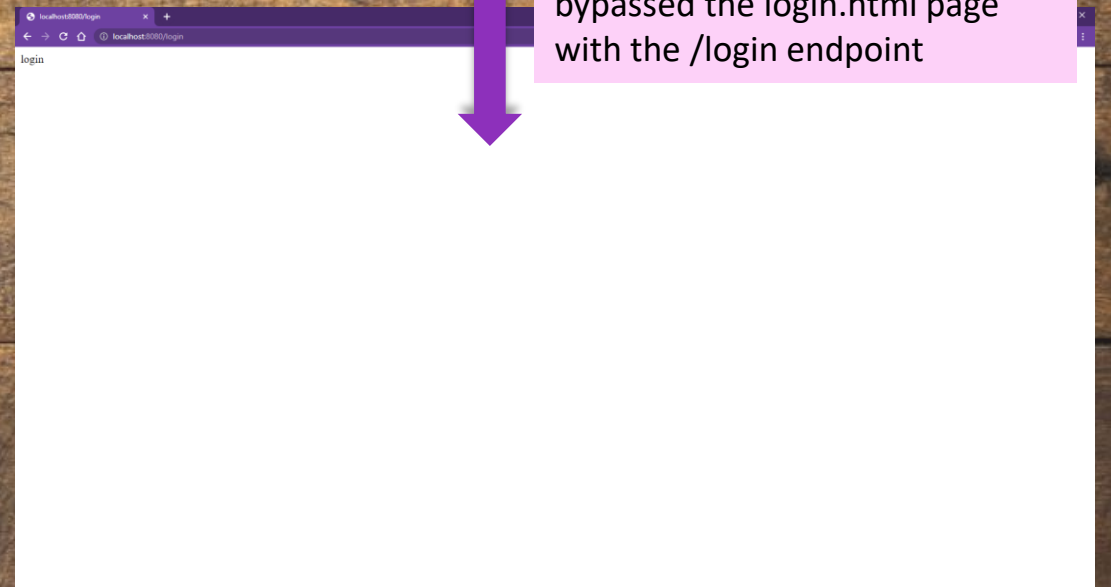
Note about Custom Login Page

```java
LoginController.java ×
1  package com.sportyshoes.restapi.controller;
2
3  import org.springframework.stereotype.Controller;
4  import org.springframework.web.bind.annotation.GetMapping;
5
6  @Controller
7  public class LoginController {
8      /* This endpoint ensures whenever there is an invocation to the login URL (e.g.,
9         http:/ /localhost:8080/login), the login.html page is presented to the user. */
10     @GetMapping("/login")
11     public String login() {
12         return ("login");
13     }
14
15 }//end class
16
```

@Controller annotation allowed for the login.html page to be presented with the /login endpoint
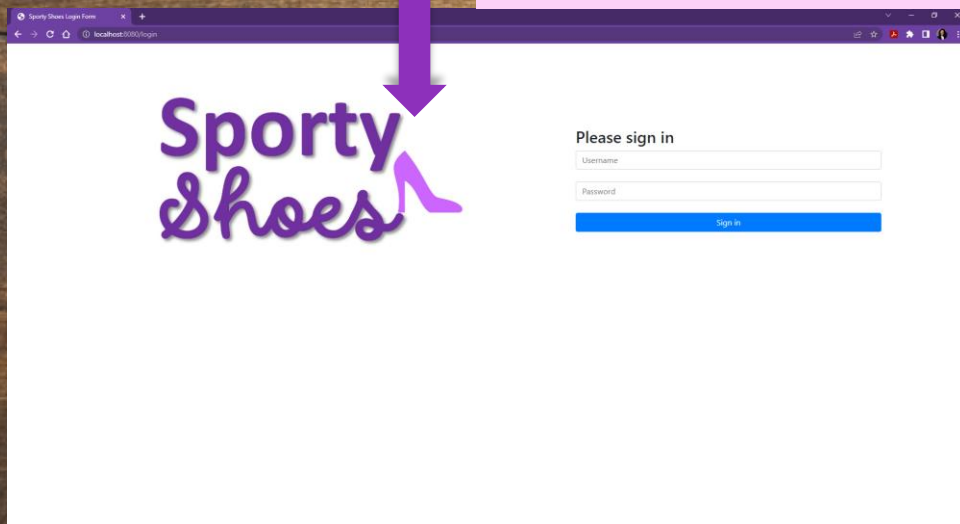
```java
LoginController.java ×
1  package com.sportyshoes.restapi.controller;
2
3  import org.springframework.web.bind.annotation.GetMapping;
4  import org.springframework.web.bind.annotation.RestController;
5
6
7  @RestController
8  public class LoginController {
9      /* This endpoint ensures whenever there is an invocation to the login URL (e.g.,
10        http:/ /localhost:8080/login), the login.html page is presented to the user. */
11     @GetMapping("/login")
12     public String login() {
13         return ("login");
14     }
15
16 }//end class
17
```

@RestController annotation allowed for the method String to be printed on the screen and bypassed the login.html page with the /login endpoint
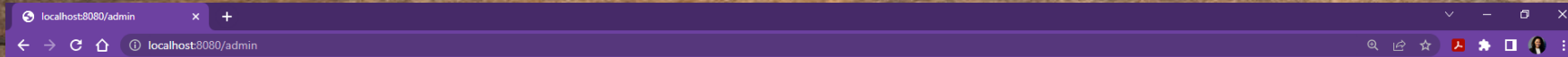
Please sign in

Username

Password

Sign in

login

User Page
Logged in as Admin Role

Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Sun Jan 01 19:25:17 CST 2023
There was an unexpected error (type=Not Found, status=404).
No message available

Spring Console


```
SportyShoesBackend - SportyShoesBackendApplication [Spring Boot App] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (Jan 1, 2023, 6:57:23 PM) [pid: 32016]
2023-01-01 18:57:32.091  INFO 32016 --- [  restartedMain] d.s.w.p.DocumentationPluginsBootstrapper : Context refreshed
2023-01-01 18:57:32.107  INFO 32016 --- [  restartedMain] d.s.w.p.DocumentationPluginsBootstrapper : Found 1 custom documentation plugin(s)
2023-01-01 18:57:32.134  INFO 32016 --- [  restartedMain] s.d.s.w.s.ApiListingReferenceScanner     : Scanning for api listing references
2023-01-01 18:57:32.326  INFO 32016 --- [  restartedMain] c.s.SportyShoesBackendApplication        : Started SportyShoesBackendApplication in 6.287 s
2023-01-01 18:57:50.671  INFO 32016 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring DispatcherServlet 'dispatche
2023-01-01 18:57:50.671  INFO 32016 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet        : Initializing Servlet 'dispatcherServlet'
2023-01-01 18:57:50.673  INFO 32016 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet        : Completed initialization in 2 ms
inside loadUserByUserName()...
username = ozbrown
Hibernate: select user0_.username as username1_9_, user0_.date_created as date_cre2_9_, user0_.email as email3_9_, user0_.enabled as enabled4_9_, use
Found User: User [username=ozbrown, id=7, roleType=ADMIN, firstName=Oswald, lastName=Brown, email=ozbrown@home.com, password=$2a$12$P21wlkhdXzMRD3t3U
You are not authorized to perform this action
You are not authorized to perform this action
```

Admin Page
Logged in as Admin Role

Admin Page

This is the Admin page

Spring Console


```
SportyShoesBackend - SportyShoesBackendApplication [Spring Boot App] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (Jan 1, 2023, 6:57:23 PM) [pid: 32016]
2023-01-01 18:57:32.091  INFO 32016 --- [  restartedMain] d.s.w.p.DocumentationPluginsBootstrapper : Context refreshed
2023-01-01 18:57:32.107  INFO 32016 --- [  restartedMain] d.s.w.p.DocumentationPluginsBootstrapper : Found 1 custom documentation plugin(s)
2023-01-01 18:57:32.134  INFO 32016 --- [  restartedMain] s.d.s.w.s.ApiListingReferenceScanner     : Scanning for api listing references
2023-01-01 18:57:32.326  INFO 32016 --- [  restartedMain] c.s.SportyShoesBackendApplication        : Started SportyShoesBackendApplication in 6.287 s
2023-01-01 18:57:50.671  INFO 32016 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring DispatcherServlet 'dispatche
2023-01-01 18:57:50.671  INFO 32016 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet        : Initializing Servlet 'dispatcherServlet'
2023-01-01 18:57:50.673  INFO 32016 --- [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet        : Completed initialization in 2 ms
inside loadUserByUserName()...
username = ozbrown
Hibernate: select user0_.username as username1_9_, user0_.date_created as date_cre2_9_, user0_.email as email3_9_, user0_.enabled as enabled4_9_, use
Found User: User [username=ozbrown, id=7, roleType=ADMIN, firstName=Oswald, lastName=Brown, email=ozbrown@home.com, password=$2a$12$P21wlkhdXzMRD3t3U
```

Users List: api/admin/users/all
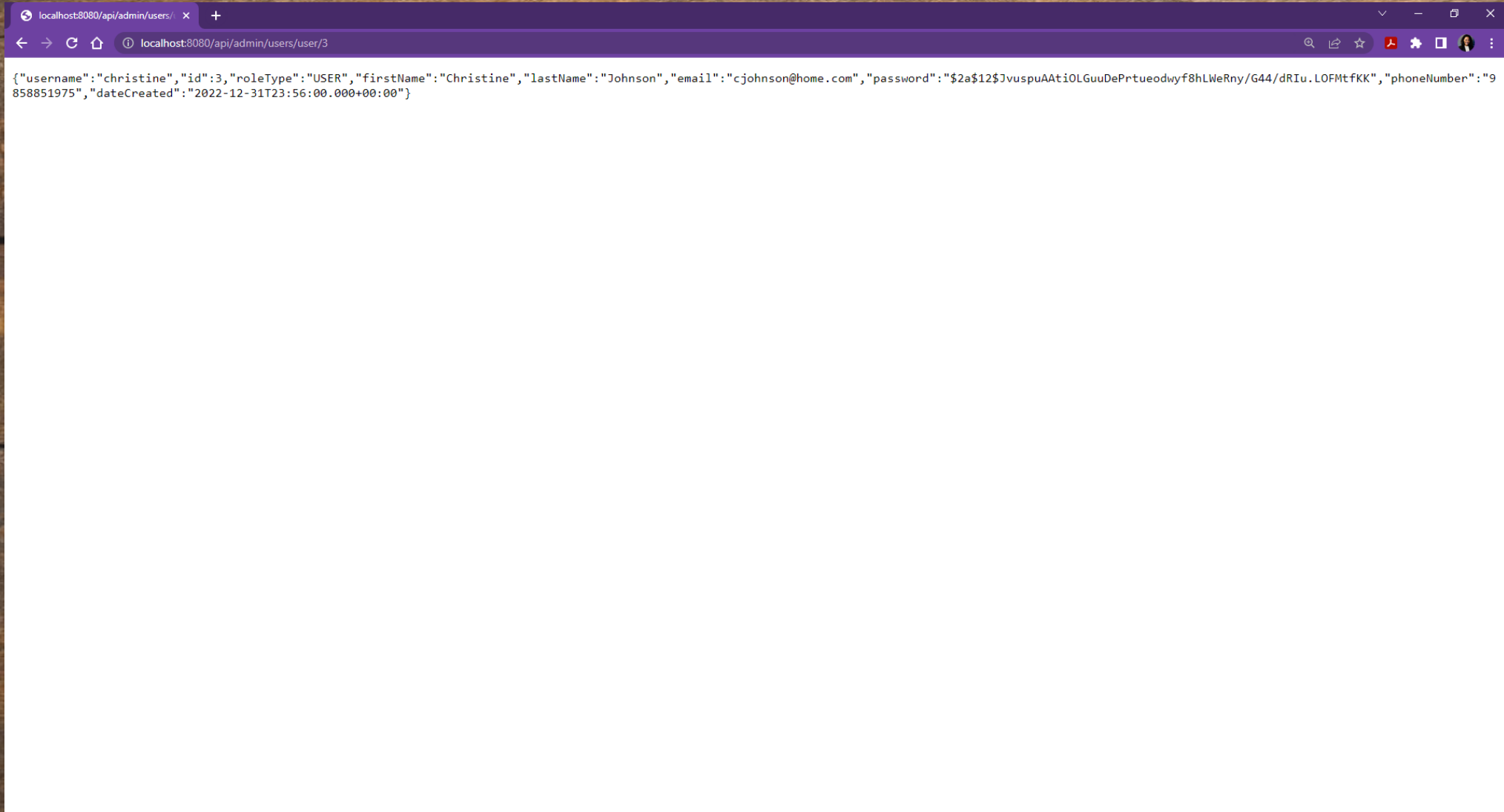Logged in as Admin Role

[{"username":"christine","id":3,"roleType":"USER","firstName":"Christine","lastName":"Johnson","email":"cjohnson@home.com","password":"$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK","phoneNumber":"9858851975","dateCreated":"2022-12-31T23:56:00.000+00:00"},
{"username":"clementine","id":4,"roleType":"USER","firstName":"Clementine","lastName":"Bauch","email":"bauchc@home.com","password":"$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK","phoneNumber":"6059902842","dateCreated":"2022-12-31T23:56:00.000+00:00"},
{"username":"jasen","id":2,"roleType":"USER","firstName":"Jasen","lastName":"Jester","email":"jasen@home.com","password":"$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK","phoneNumber":"8783019215","dateCreated":"2022-12-31T23:56:00.000+00:00"},
{"username":"monica","id":6,"roleType":"USER","firstName":"Monica","lastName":"Sharp","email":"msharp@home.com","password":"$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK","phoneNumber":"4062991259","dateCreated":"2022-12-31T23:56:00.000+00:00"},
{"username":"msmith","id":8,"roleType":"USER","firstName":"Michael","lastName":"Smith","email":"michael@home.com","password":"$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK","phoneNumber":"7604129733","dateCreated":"2022-12-31T23:56:00.000+00:00"},{"username":"niajester","id":1,"roleType":"ADMIN","firstName":"Nia","lastName":"Kelley Jester","email":"nia@home.com","password":"$2a$12$P21wlkhdXzMRD3t3UHTnx..Y3sninurN3Q4EH04F7LU8vD/zChj0S","phoneNumber":"7450495098","dateCreated":"2022-12-31T23:54:28.000+00:00"},
{"username":"ozbrown","id":7,"roleType":"ADMIN","firstName":"Oswald","lastName":"Brown","email":"ozbrown@home.com","password":"$2a$12$P21wlkhdXzMRD3t3UHTnx..Y3sninurN3Q4EH04F7LU8vD/zChj0S","phoneNumber":"9015753955","dateCreated":"2022-12-31T23:56:00.000+00:00"},
{"username":"patw","id":5,"roleType":"USER","firstName":"Patricia","lastName":"Weissnat","email":"patweissnat@home.com","password":"$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK","phoneNumber":"4316974631","dateCreated":"2022-12-31T23:56:00.000+00:00"}]

{"username":"christine","id":3,"roleType":"USER","firstName":"Christine","lastName":"Johnson","email":"cjohnson@home.com","password":"$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK","phoneNumber":"9858851975","dateCreated":"2022-12-31T23:56:00.000+00:00"}

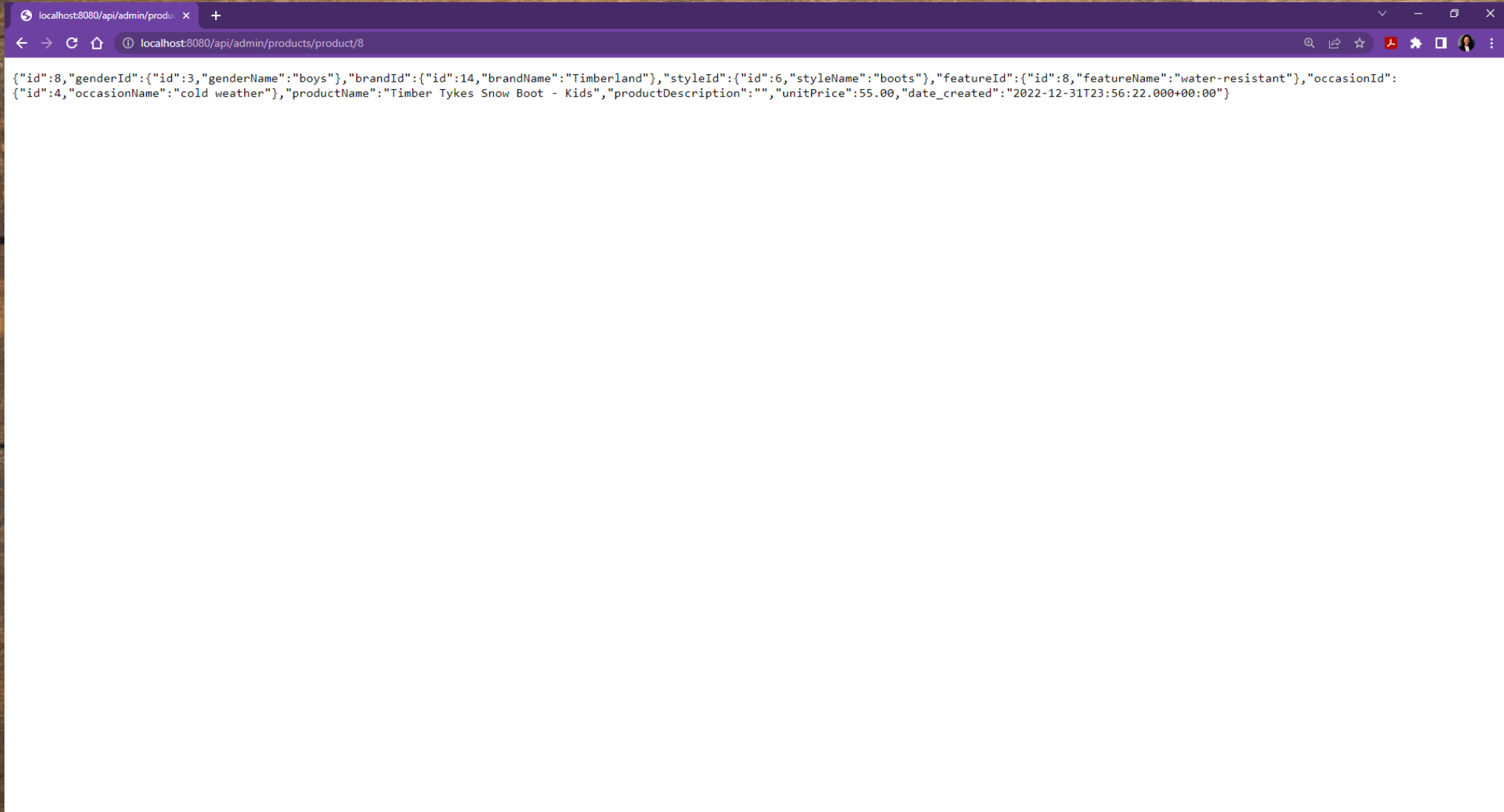# Products List: api/admin/products/all
Logged in as Admin Role

[{"id":1,"genderId":{"id":1,"genderName":"women"},"brandId":{"id":12,"brandName":"Anne Klein"},"styleId":{"id":7,"styleName":"flats"},"featureId":{"id":2,"featureName":"comfort"},"occasionId":{"id":3,"occasionName":"casual"},"productName":"Domani Sandal","productDescription":"Surround your foot with the casual care-free style of the Domani flat sandal from Anne Klein. Designed with iFlex technology for 90-degree sole bendability, this slide sandal boasts of an elegant knot detail at the front that expresses chill vibes. ","unitPrice":60.00,"date_created":"2022-12-31T23:56:22.000+00:00"},{"id":2,"genderId":{"id":1,"genderName":"women"},"brandId":{"id":15,"brandName":"Vince Camuto"},"styleId":{"id":6,"styleName":"boots"},"featureId":{"id":10,"featureName":"padded footbed"},"occasionId":{"id":6,"occasionName":"fashion & street"},"productName":"ARENDIE BOOT","productDescription":"You cannot go wrong with a classic look, and the Arendie boot by Vince Camuto proves it with its suede construction and sleek silhouette that bring timeless flair to your favorite ensembles. While its look draws you in, the padded footbed and mesh lining ensure a comfortable fit to keep you going. ","unitPrice":229.00,"date_created":"2022-12-31T23:56:22.000+00:00"},{"id":3,"genderId":{"id":1,"genderName":"women"},"brandId":{"id":8,"brandName":"Cole Haan"},"styleId":{"id":9,"styleName":"loafers"},"featureId":{"id":2,"featureName":"comfort"},"occasionId":{"id":1,"occasionName":"athleisure"},"productName":"Knit OG Grand Wingtip Oxford","productDescription":"Bring a menswear-inspired vibe to your look with the Knit OG Grand wingtip oxford from Cole Haan. These knitted lace-ups are completed with GRAND.ØS cushioning and a flexible rubber sole to accompany your active lifestyle.","unitPrice":150.00,"date_created":"2022-12-31T23:56:22.000+00:00"},{"id":4,"genderId":{"id":1,"genderName":"women"},"brandId":{"id":9,"brandName":"Kelly & Katie"},"styleId":{"id":8,"styleName":"pump"},"featureId":{"id":2,"featureName":"comfort"},"occasionId":{"id":10,"occasionName":"business"},"productName":"Misha Pump","productDescription":"Balanced on a mid-height heel that feels just right, the Misha pump from Kelly & Katie serves up a timeless silhouette in of-the-moment uppers that matches the needs of your rotating closet.","unitPrice":79.00,"date_created":"2022-12-31T23:56:22.000+00:00"},{"id":5,"genderId":{"id":2,"genderName":"men"},"brandId":{"id":7,"brandName":"Adidas"},"styleId":{"id":2,"styleName":"running"},"featureId":{"id":10,"featureName":"padded footbed"},"occasionId":{"id":5,"occasionName":"fitness & active"},"productName":"70s Running Shoe","productDescription":"Hit the track with ease in the retro-inspired Run 70s running shoe from adidas. This mixed suede & textile design proves sturdy, while the foam midsole and full-rubber sole with traction pods provides padding and grip to keep you moving.","unitPrice":65.00,"date_created":"2022-12-31T23:56:22.000+00:00"},{"id":6,"genderId":{"id":2,"genderName":"men"},"brandId":{"id":15,"brandName":"Vince Camuto"},"styleId":{"id":9,"styleName":"loafers"},"featureId":{"id":2,"featureName":"comfort"},"occasionId":{"id":10,"occasionName":"business"},"productName":"Ethen Oxford","productDescription":"The Ethen Oxford from Vince Camuto can effortlessly be dressed up or down thanks to its versatile silhouette. The sneaker-inspired sole complements the smooth leather upper and lace-up design for your new favorite pair.","unitPrice":139.00,"date_created":"2022-12-31T23:56:22.000+00:00"},{"id":7,"genderId":{"id":2,"genderName":"men"},"brandId":{"id":8,"brandName":"Cole Haan"},"styleId":{"id":6,"styleName":"boots"},"featureId":{"id":2,"featureName":"comfort"},"occasionId":{"id":3,"occasionName":"casual"},"productName":"Grand Atlantic Chukka Boot","productDescription":"Looking for the right mix of style and functionality? Then choose the Cole Haan Grand Atlantic chukka boot. The water-resistant leather, lace-up front, comfort-enhancing fully padded sock lining, EVA sole with ultimate cushioning technology and rubber pods in heel and toe complete this ankle boot.","unitPrice":240.00,"date_created":"2022-12-31T23:56:22.000+00:00"},{"id":8,"genderId":{"id":3,"genderName":"boys"},"brandId":{"id":14,"brandName":"Timberland"},"styleId":{"id":6,"styleName":"boots"},"featureId":{"id":8,"featureName":"water-resistant"},"occasionId":{"id":4,"occasionName":"cold weather"},"productName":"Timber Tykes Snow Boot - Kids","productDescription":"","unitPrice":55.00,"date_created":"2022-12-31T23:56:22.000+00:00"},{"id":9,"genderId":{"id":3,"genderName":"boys"},"brandId":{"id":5,"brandName":"VANS"},"styleId":{"id":1,"styleName":"sneaker"},"featureId":{"id":10,"featureName":"padded footbed"},"occasionId":{"id":3,"occasionName":"casual"},"productName":"Ward Sneaker - Kids","productDescription":"Keep the little foot warm and cozy in the Timber Tykes snow boot from Timberland. The Splash Blaster protective coating and OrthoLite footbed elevate the comfort and offer protection.","unitPrice":50.00,"date_created":"2022-12-31T23:56:22.000+00:00"},{"id":10,"genderId":{"id":4,"genderName":"girls"},"brandId":{"id":9,"brandName":"Kelly & Katie"},"styleId":{"id":7,"styleName":"flats"},"featureId":{"id":2,"featureName":"comfort"},"occasionId":{"id":6,"occasionName":"fashion & street"},"productName":"Fiona Flat - Kids","productDescription":"Classy and a little bit sassy, the Fiona flat from Kelly & Katie keeps your little one looking charming. Glittery accents on the cap toe and slim heel complement the subtle bow accent for their new favorite for dances and parties.","unitPrice":30.00,"date_created":"2022-12-31T23:56:22.000+00:00"}]

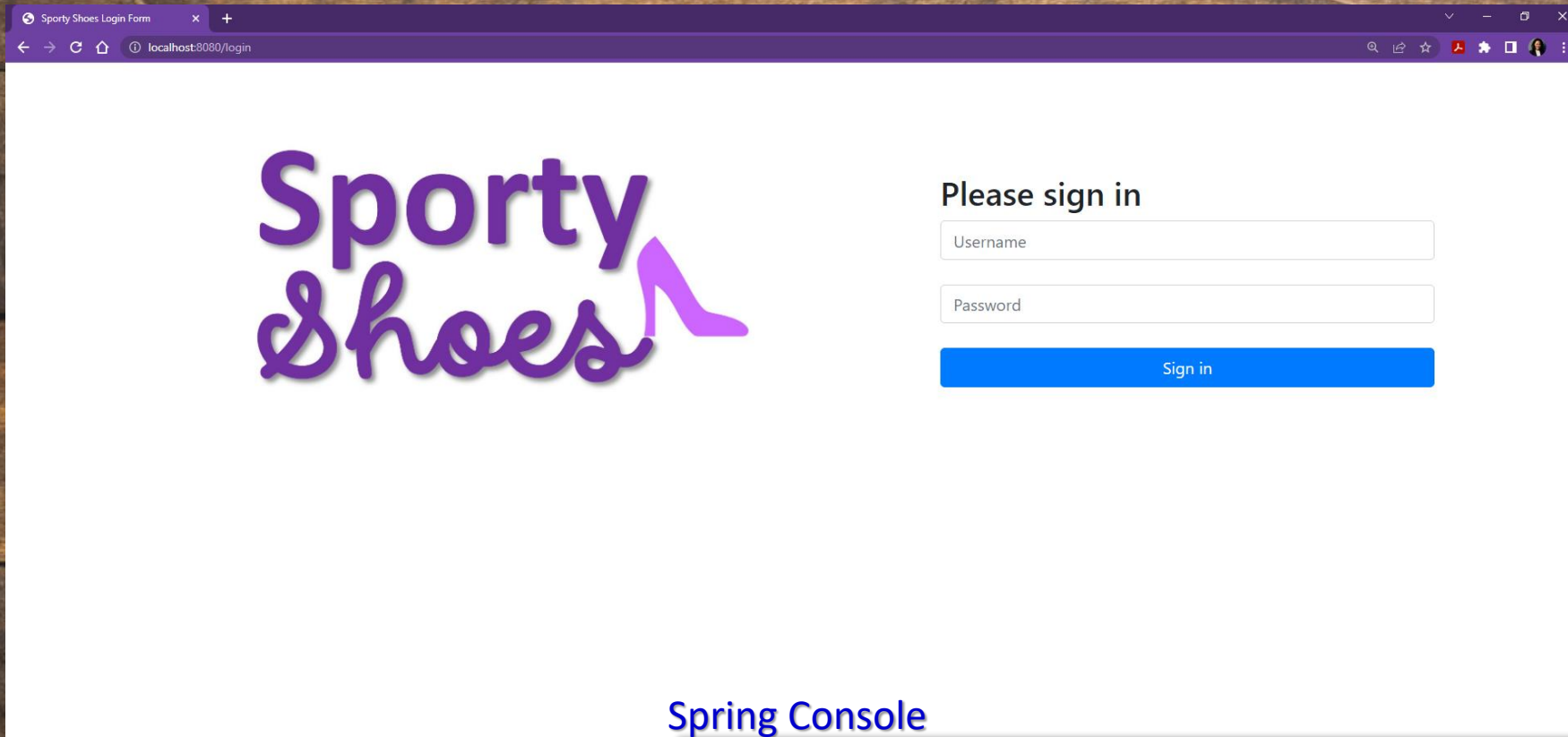# Single Product: api/admin/products/product/8
Logged in as Admin Role

{"id":8,"genderId":{"id":3,"genderName":"boys"},"brandId":{"id":14,"brandName":"Timberland"},"styleId":{"id":6,"styleName":"boots"},"featureId":{"id":8,"featureName":"water-resistant"},"occasionId":{"id":4,"occasionName":"cold weather"},"productName":"Timber Tykes Snow Boot - Kids","productDescription":"","unitPrice":55.00,"date_created":"2022-12-31T23:56:22.000+00:00"}

Logout Page (redirects to Login Page)
Logged out as Admin Role

Spring Console

This user logged out: ozbrown

TESTING THE BACKEND

with BROWSER as a User Role

Custom Login Page
Logged in as User Role

Sporty Shoes Login Form

localhost:8080/login

Please sign in

msmith

••••••

Sign in

Spring Console

```
Hibernate: select gender0_.gender_id as gender_i1_2_0_, gender0_.gender_name as gender_n2_2_0_ from genders gender0_ where gender0_.gender_id=?
Hibernate: select product0_.product_id as product_1_6_, product0_.brand_id as brand_id6_6_, product0_.date_created as date_cre2_6_, product0_.feature
Hibernate: select brand0_.brand_id as brand_id1_0_0_, brand0_.brand_name as brand_na2_0_0_ from brands brand0_ where brand0_.brand_id=?
Hibernate: select feature0_.feature_id as feature_1_1_0_, feature0_.feature_name as feature_2_1_0_ from features feature0_ where feature0_.feature_id
Hibernate: select gender0_.gender_id as gender_i1_2_0_, gender0_.gender_name as gender_n2_2_0_ from genders gender0_ where gender0_.gender_id=?
Hibernate: select occasion0_.occasion_id as occasion1_3_0_, occasion0_.occasion_name as occasion2_3_0_ from occasions occasion0_ where occasion0_.occ
Hibernate: select style0_.style_id as style_id1_8_0_, style0_.style_name as style_na2_8_0_ from styles style0_ where style0_.style_id=?
Hibernate: select user0_.username as username1_9_, user0_.date_created as date_cre2_9_, user0_.email as email3_9_, user0_.enabled as enabled4_9_, use
This user logged out: ozbrown
inside loadUserByUserName()...
username = msmith
Hibernate: select user0_.username as username1_9_, user0_.date_created as date_cre2_9_, user0_.email as email3_9_, user0_.enabled as enabled4_9_, use
Found User: User [username=msmith, id=8, roleType=USER, firstName=Michael, lastName=Smith, email=michael@home.com, password=$2a$12$JvuspuAAtiOLGuuDeP
```
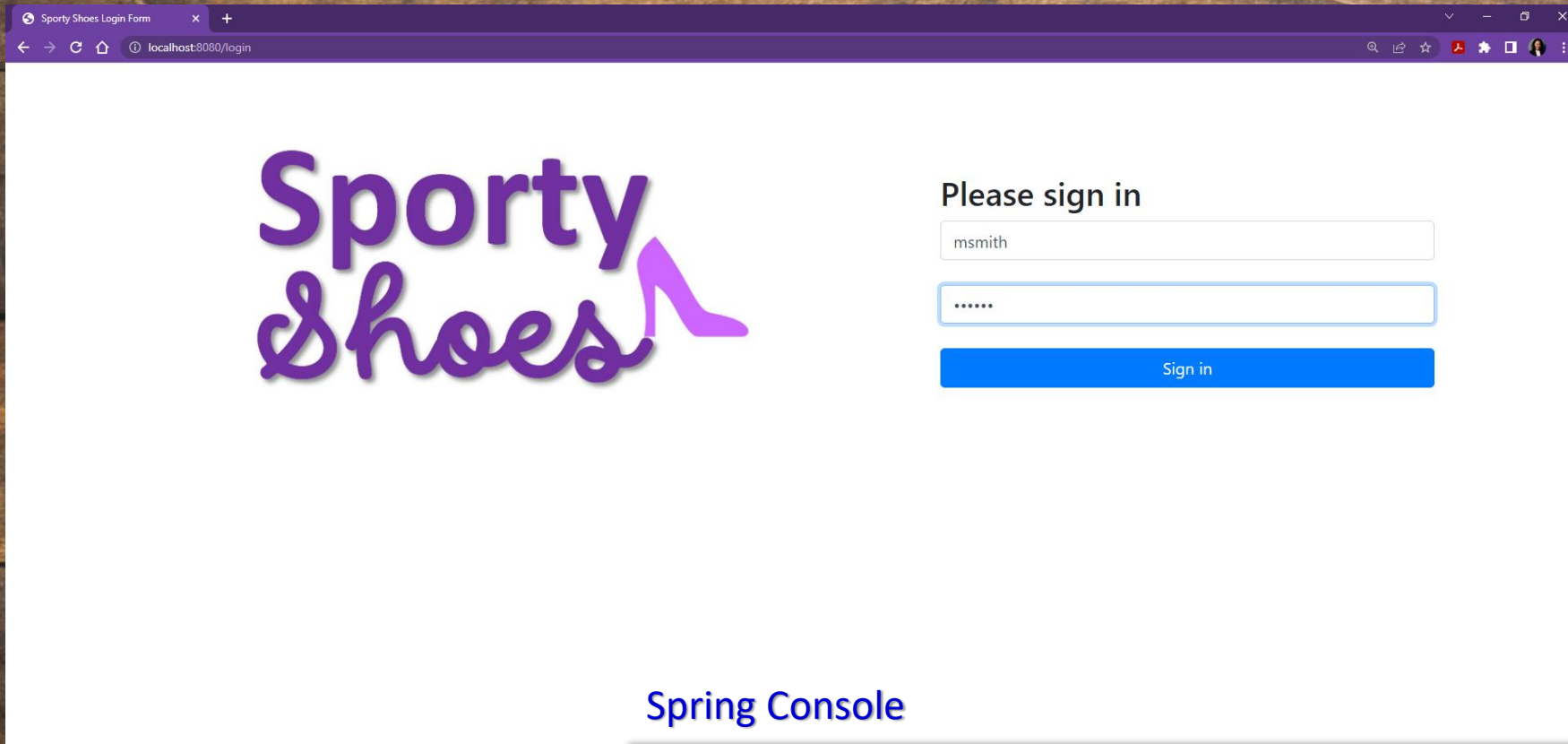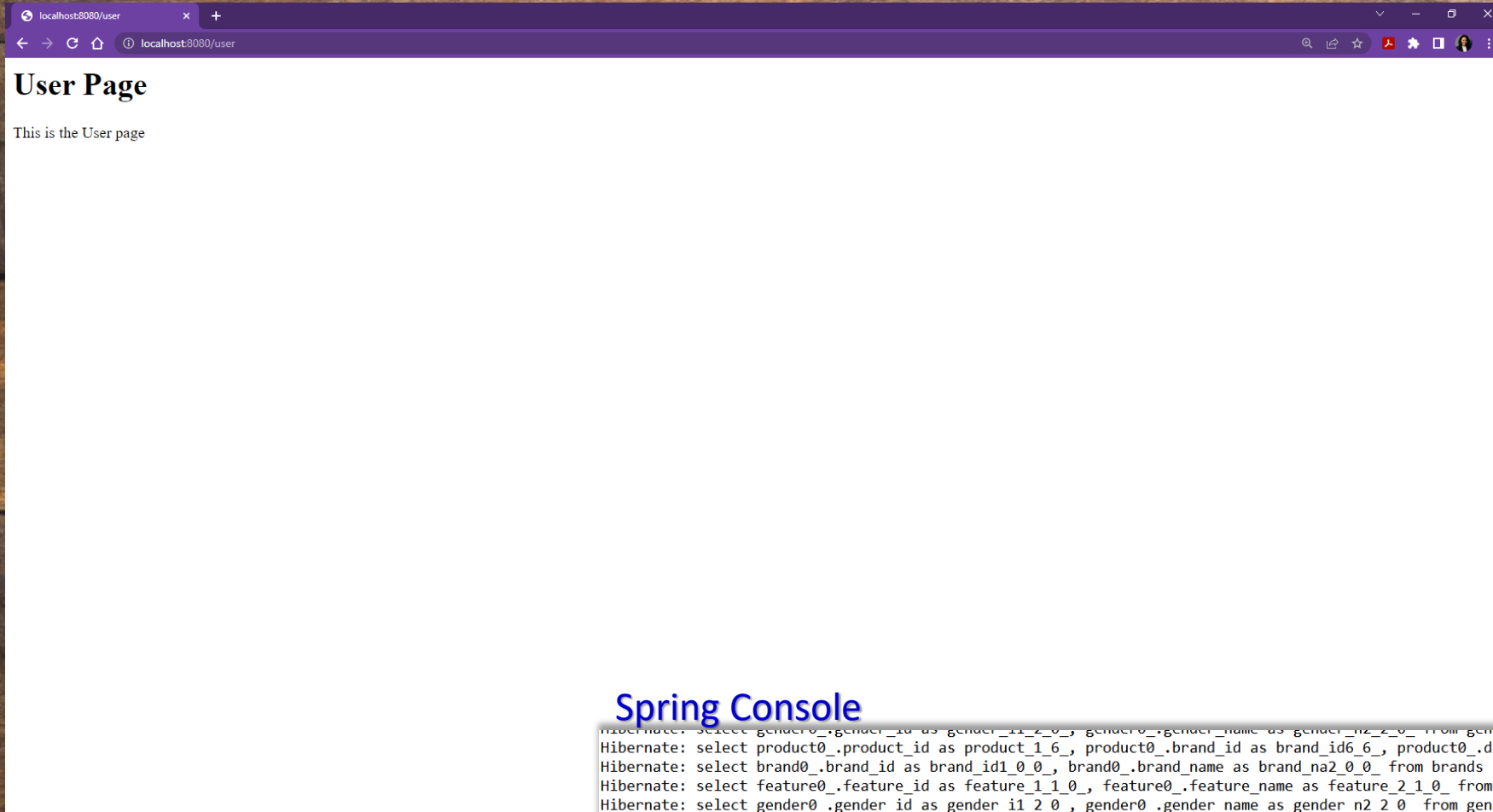
User Page
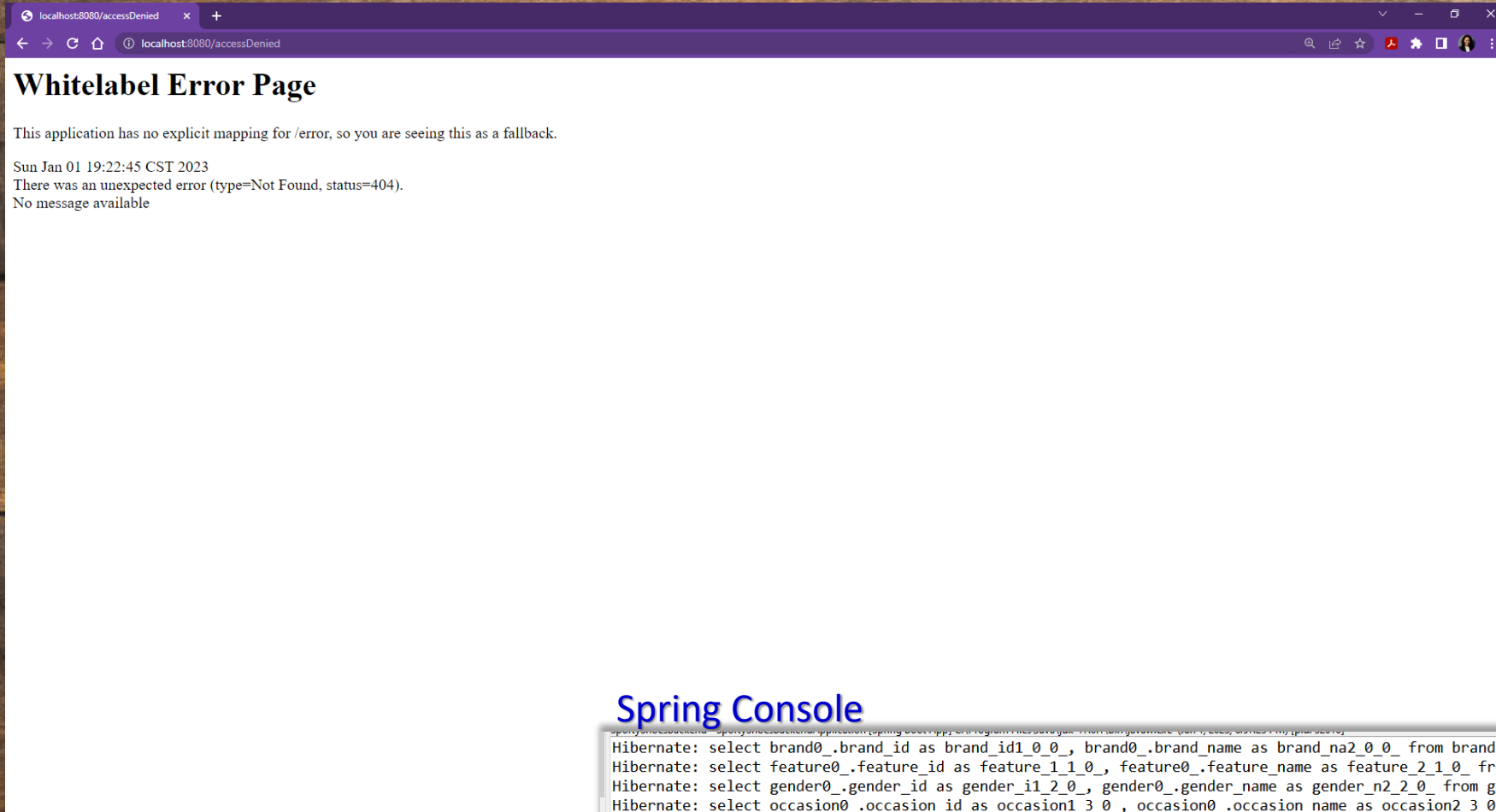## Logged in as User Role

User Page

This is the User page

Spring Console

Hibernate: select gender0_.gender_id as gender_i1_2_0_, gender0_.gender_name as gender_n2_2_0_ from genders gender0_ where gender0_.gender_id=?
Hibernate: select product0_.product_id as product_1_6_, product0_.brand_id as brand_id6_6_, product0_.date_created as date_cre2_6_, product0_.feature
Hibernate: select brand0_.brand_id as brand_id1_0_0_, brand0_.brand_name as brand_na2_0_0_ from brands brand0_ where brand0_.brand_id=?
Hibernate: select feature0_.feature_id as feature_1_1_0_, feature0_.feature_name as feature_2_1_0_ from features feature0_ where feature0_.feature_id
Hibernate: select gender0_.gender_id as gender_i1_2_0_, gender0_.gender_name as gender_n2_2_0_ from genders gender0_ where gender0_.gender_id=?
Hibernate: select occasion0_.occasion_id as occasion1_3_0_, occasion0_.occasion_name as occasion2_3_0_ from occasions occasion0_ where occasion0_.occ
Hibernate: select style0_.style_id as style_id1_8_0_, style0_.style_name as style_na2_8_0_ from styles style0_ where style0_.style_id=?
Hibernate: select user0_.username as username1_9_, user0_.date_created as date_cre2_9_, user0_.email as email3_9_, user0_.enabled as enabled4_9_, use
This user logged out: ozbrown
inside loadUserByUserName()...
username = msmith
Hibernate: select user0_.username as username1_9_, user0_.date_created as date_cre2_9_, user0_.email as email3_9_, user0_.enabled as enabled4_9_, use
Found User: User [username=msmith, id=8, roleType=USER, firstName=Michael, lastName=Smith, email=michael@home.com, password=$2a$12$JvuspuAAtiOLGuuDeP
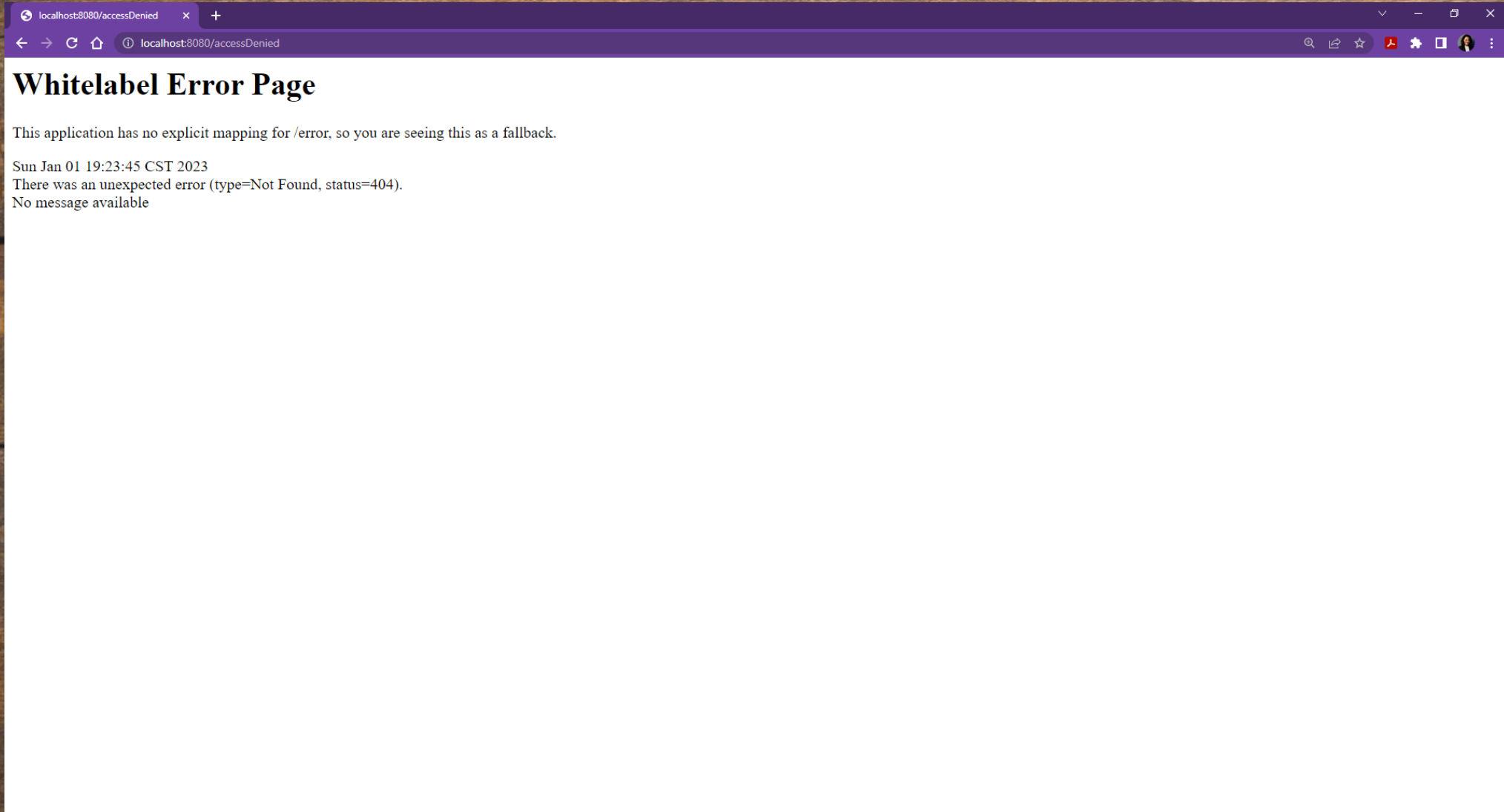
Admin Page
Logged in as User Role

Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Sun Jan 01 19:22:45 CST 2023
There was an unexpected error (type=Not Found, status=404).
No message available

Spring Console

```
Hibernate: select brand0_.brand_id as brand_id1_0_0_, brand0_.brand_name as brand_na2_0_0_ from brands brand0_ where brand0_.brand_id=?
Hibernate: select feature0_.feature_id as feature_1_1_0_, feature0_.feature_name as feature_2_1_0_ from features feature0_ where feature0_.feature_
Hibernate: select gender0_.gender_id as gender_i1_2_0_, gender0_.gender_name as gender_n2_2_0_ from genders gender0_ where gender0_.gender_id=?
Hibernate: select occasion0_.occasion_id as occasion1_3_0_, occasion0_.occasion_name as occasion2_3_0_ from occasions occasion0_ where occasion0_.
Hibernate: select style0_.style_id as style_id1_8_0_, style0_.style_name as style_na2_8_0_ from styles style0_ where style0_.style_id=?
Hibernate: select user0_.username as username1_9_, user0_.date_created as date_cre2_9_, user0_.email as email3_9_, user0_.enabled as enabled4_9_, u
This user logged out: ozbrown
inside loadUserByUserName()...
username = msmith
Hibernate: select user0_.username as username1_9_, user0_.date_created as date_cre2_9_, user0_.email as email3_9_, user0_.enabled as enabled4_9_, u
Found User: User [username=msmith, id=8, roleType=USER, firstName=Michael, lastName=Smith, email=michael@home.com, password=$2a$12$JvuspuAAtiOLGuuD
You are not authorized to perform this action
```
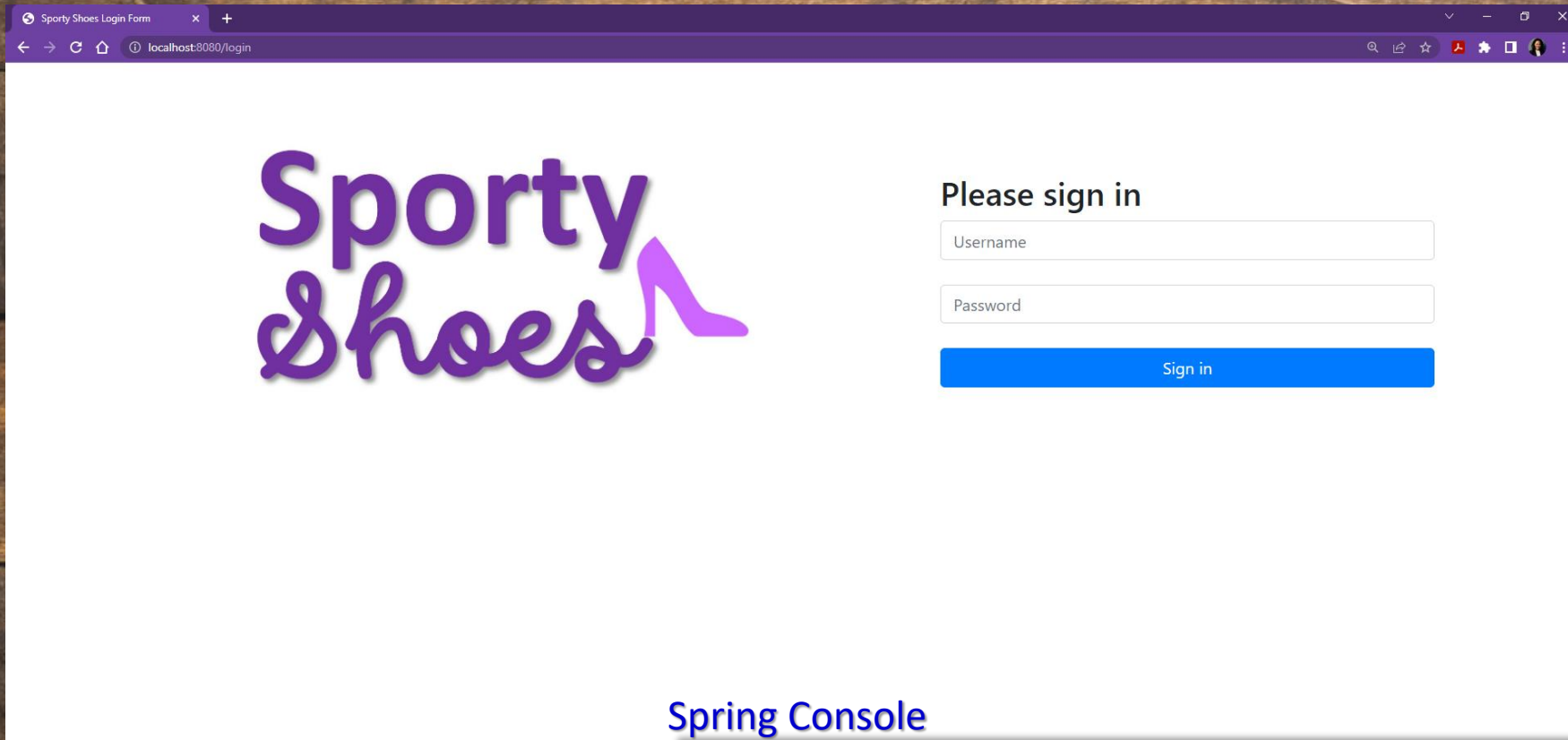
Users List: api/admin/users/all
Logged in as User Role

Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Sun Jan 01 19:23:45 CST 2023
There was an unexpected error (type=Not Found, status=404).
No message available

Logout Page (redirects to Login Page)
Logged out as User Role

Spring Console

TESTING THE
BACKEND

with POSTMAN

Testing Endpoints:

@PutMapping("/user/update/3")

PUT localhost:8080/api/admin/users/user/update/3

Params Authorization ● Headers (11) Body ● Pre-request Script Tests Settings

● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON

```
1   {
2       "username": "christine",
3       "id": 3,
4       "roleType": "USER",
5       "firstName": "Christine",
6       "lastName": "Johnson-Smith",
7       "email": "cjohnson@home.com",
8       "password": "$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK",
9       "phoneNumber": "9858851975",
10      "dateCreated": "2022-12-31T23:56:00.000+00:00"
11  }
```

Body Cookies (2) Headers (11) Test Results

Pretty Raw Preview Visualize JSON

```
1   {
2       "username": "christine",
3       "id": 3,
4       "roleType": "USER",
```

mysql> select * from users;

BEFORE

username	date_created	email	enabled	firstname	userid	lastname	password	phone_number	role_type
christine	2022-12-31 17:56:00.000000	cjohnson@home.com	0x01	Christine	3	Johnson	$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK	9858851975	USER
clementine	2022-12-31 17:56:00.000000	bauchc@home.com	0x01	Clementine	4	Bauch	$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK	6059902842	USER

mysql> select * from users;

AFTER

username	date_created	email	enabled	firstname	userid	lastname	password	phone_number	role_type
christine	2022-12-31 17:56:00.000000	cjohnson@home.com	0x00	Christine	3	Johnson-Smith	$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK	9858851975	USER
clementine	2022-12-31 17:56:00.000000	bauchc@home.com	0x01	Clementine	4	Bauch	$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK	6059902842	USER

Testing Endpoints:

@PostMapping("/add")

Testing Endpoints:

`@DeleteMapping("/user/delete/{id}")`

DELETE — localhost:8080/api/admin/users/user/delete/8 — Send

Params | Authorization ● | Headers (11) | Body ● | Pre-request Script | Tests | Settings — Cookies

none | form-data | x-www-form-urlencoded | ● raw | binary | GraphQL | JSON — Beautify

```
1  {
2      "username": "melvin",
3      "id": "8",
4          "roleType": "USER",
5          "firstName": "Melvin",
6          "lastName": "Whistle",
7          "email": "melvin@home.com",
8          "password": "$2a$12$JvuspuAAtiOLGuuDePrtueodwyf8hLWeRny/G44/dRIu.LOFMtfKK",
9          "phoneNumber": "98523451975"
10 }
```

Body | Cookies (2) | Headers (10) | Test Results — Status: 500 Internal Server Error | Time: 56 ms | Size: 16.02 KB | Save Response

Pretty | Raw | Preview | Visualize | JSON

```
1  {
2      "timestamp": "2023-01-02T02:27:35.444+00:00",
3      "status": 500,
4      "error": "Internal Server Error",
5      "trace": "org.springframework.dao.DataIntegrityViolationException: could not execute statement; SQL [n/a]; constraint
        ConstraintViolationException: could not execute statement\r\n\tat org.springframework.orm.jpa.vendor.HibernateJpaD:
        \r\n\tat org.springframework.orm.jpa.vendor.HibernateJpaDialect.translateExceptionIfPossible(HibernateJpaDialect.j:
        doCommit(JpaTransactionManager.java:566)\r\n\tat org.springframework.transaction.support.AbstractPlatformTransacti
        \r\n\tat org.springframework.transaction.support.AbstractPlatformTransactionManager.commit(AbstractPlatformTransac:
        interceptor.TransactionAspectSupport.commitTransactionAfterReturning(TransactionAspectSupport.java:654)\r\n\tat or:
        invokeWithinTransaction(TransactionAspectSupport.java:407)\r\n\tat org.springframework.transaction.interceptor.Tra:
        springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:186)\r\n\tat org.:
        proceed(CglibAopProxy.java:763)\r\n\tat org.springframework.aop.framework.CglibAopProxy$DynamicAdvisedInterceptor.:
        service.UserService$$EnhancerBySpringCGLIB$$b5166d16.deleteUser(<generated>)\r\n\tat com.sportyshoes.restapi.contr:
        base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)\r\n\tat java.base/jdk.internal.reflect.N
        \r\n\tat java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)\:
        \r\n\tat org.springframework.web.method.support.InvocableHandlerMethod.doInvoke(InvocableHandlerMethod.java:205)\r:
        invokeForRequest(InvocableHandlerMethod.java:150)\r\n\tat org.springframework.web.servlet.mvc.method.annotation.Se
```

```java
63  @DeleteMapping("/user/delete/{id}")
64  public ResponseEntity<?> deleteUser(@PathVariable("id") Long id){
65      userService.deleteUser(id);
66      return new ResponseEntity<>(HttpStatus.OK);
67  }
68
69  }//end class
70
```

BUG TO FIX

Markers | Properties | Servers | Snippets | Terminal | Console | Console ×

SportyShoesBackend - SportyShoesBackendApplication [Spring Boot App] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (Jan 1, 2023, 6:57:23 PM) [pid: 32016]

```
Hibernate: selectr0_.username as usernamu.datedate_c 0_.sil3_9_, user0_.ensled4_9_, user0_.firstname as firstnam5_9 0euserid6_9_, user0_.
Hibernate: delete from users where username=?
Hibernate: delete from users where username=?
[2m2023-01-01 20:27:35.429[0;39m [33m WARN[0;39m [35m32016[0;39m [2m---[0;39m [2m[nio-8080-exec-7][0;39m [36mo.h.engine.jdbc.
[2m2023-01-01 20:27:35.429[0;39m [31mERROR[0;39m [35m32016[0;39m [2m---[0;39m [2m[nio-8080-exec-7][0;39m [36mo.h.engine.jdbc.
[2m2023-01-01 20:27:35.430[0;39m [32m INFO[0;39m [35m32016[0;39m [2m---[0;39m [2m[nio-8080-exec-7][0;39m [36mo.h.e.j.b.intern
[2m2023-01-01 20:27:35.442[0;39m [31mERROR[0;39m [35m32016[0;39m [2m---[0;39m [2m[nio-8080-exec-7][0;39m [36mo.a.c.c.C.[.[./
java.sql.SQLIntegrityConstraintViolationException: Cannot delete or update a parent row: a foreign key constraint fails (`sportyshoesdb`
        at com.mysql.cj.jdbc.exceptions.SQLError.createSQLException(SQLError.java:117) ~[mysql-connector-j-8.0.31.jar:8.0.31]
        at com.mysql.cj.jdbc.exceptions.SQLExceptionsMapping.translateException(SQLExceptionsMapping.java:122) ~[mysql-connector-j-8.0.3
        at com.mysql.cj.jdbc.ClientPreparedStatement.executeInternal(ClientPreparedStatement.java:916) ~[mysql-connector-j-8.0.31.jar:8.0
        at com.mysql.cj.jdbc.ClientPreparedStatement.executeUpdateInternal(ClientPreparedStatement.java:1061) ~[mysql-connector-j-8.0.31
```

Testing Endpoints:

@PutMapping("/product/update/5")

PUT | localhost:8080/api/admin/products/product/update/5

Params | Authorization ● | Headers (11) | Body ● | Pre-request Script | Tests | Settings

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL   JSON ∨

```
11        styleId : {
12            "id": 2,
13            "styleName": "running"
14        },
15        "featureId": {
16            "id": 10,
17            "featureName": "padded footbed"
18        },
19        "occasionId": {
20            "id": 5,
21            "occasionName": "fitness & active"
22        },
23        "productName": "70s Running Shoe",
24        "productDescription": "Hit the track with ease in the retro-inspired Run 70s running shoe from adidas. This mixed suede & textile design proves sturdy, while the foam midsole and
                full-rubber sole with traction pods provides padding and grip to keep you moving.",
25        "unitPrice": 75.00,
26        "date_created": "2022-12-31T23:56:22.000+00:00"
27    }
```

BEFORE

```
| product_id | date_created          | product_description
                                     | product_name    | unit_price | brand_id | feature_id | gender_id | occasion_id | style_id |
+------------+-----------------------+------...
|          5 | 2022-12-31 17:56:22.000000 | Hit the track with ease in the retro-inspired Run 70s running shoe from adidas. This mixed suede & textile design proves sturdy, while the foam midsole and full-rubber sole with traction pods provides padding and grip to keep you moving. | 70s Running Shoe |      65.00 |        7 |         10 |         2 |           5 |        2 |
```

AFTER

```
| product_id | date_created          | product_description
                                     | product_name    | unit_price | brand_id | feature_id | gender_id | occasion_id | style_id |
+------------+-----------------------+------...
|          5 | 2022-12-31 17:56:22.000000 | Hit the track with ease in the retro-inspired Run 70s running shoe from adidas. This mixed suede & textile design proves sturdy, while the foam midsole and full-rubber sole with traction pods provides padding and grip to keep you moving. | 70s Running Shoe |      75.00 |        7 |         10 |         2 |           5 |        2 |
```

← → C ⟳ ⌂ | ⓘ localhost:8080/api/admin/products/product/5

Dimensions: Responsive ▼ | 753 | × | 873 | 100% ▼ | No throttling ▼ | ⊘

{"id":5,"genderId":{"id":2,"genderName":"men"},"brandId":{"id":7,"brandName":"Adidas"},"styleId":{"id":2,"styleName":"running"},"featureId":{"id":10,"featureName":"padded footbed"},"occasionId":{"id":5,"occasionName":"fitness & active"},"productName":"70s Running Shoe","productDescription":"Hit the track with ease in the retro-inspired Run 70s running shoe from adidas. This mixed suede & textile design proves sturdy, while the foam midsole and full-rubber sole with traction pods provides padding and grip to keep you moving.","unitPrice":75.00,"date_created":"2022-12-31T23:56:22.000+00:00"}

Testing Endpoints:
`@PostMapping(`**`"/add"`**`)`

Testing Endpoints:

`@DeleteMapping("/product/delete/{id}")`