

Java Enterprise Edition

Fall Semester 2020

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TASK 10

Problem 1

Create authentication module for your project by using Spring Security Framework. You will create 3 roles for your user (User, Moderator, Admin):

Roles.java

- Long id;
- String name;
- String description;
















Users.java

- Long id;
- String email;
- String password;
- String fullName;

@ManyToMany

- List<Roles> roles;

Login Page

ALL-IN SHOP		ENG ▾ Login											
<table><thead><tr><th colspan="2">Categories</th></tr></thead><tbody><tr><td></td><td>All Products</td></tr><tr><td></td><td>Smartphones, Gadgets</td></tr><tr><td></td><td>TV, Audio, Video</td></tr><tr><td></td><td>Everything for gamers</td></tr><tr><td></td><td>Other</td></tr></tbody></table>	Categories			All Products		Smartphones, Gadgets		TV, Audio, Video		Everything for gamers		Other	<div>Email:</div> <div>Email</div> <div>Password:</div> <div>Password</div> <div>If you are not registered, click here</div> <div>SIGN IN</div>
Categories													
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Access Rules:

- User can authenticate by entering own user data
- User can view, search items
- Only Admin can manage with categories, brands, and countries (create, update, delete, list)
- Only Admin and Moderator can manage with items (create, update, delete, list)
- Create access forbidden (403) page