8.3D: Authorisation and Spring security

- I was provided with a more elaborate type of an exam creation application for a website to fill for this task. Before making those changes, my goal was to ensure that the users could from the home page get to the webpage without typing in their login details. On the main page there was supposed to be a login button pointing to the login page and a page that can only be opened after login.

1. First of all, I allowed anonymous users to view home page for all users, without modifications in the Spring Security config file. I went on the filter as an example and checked the access control option for the ExamGenSpringSecurityConfig class. In other words, I came up with a policy whereby anyone could be allowed to get the home page route or "/home" even if they are not logged in. It was possible to find the place of the unauthorized access and the updating process needed the HomeController had to be updated at such a rate.

2. I also proceeded and embedded the login button on one of the pages of the software. Actually, this button was supposed to provide a way to sign in so that the users could get to the parts of the app that they would normally cannot access. I placed the button on the right location of the home page of the view found in the application. I then set the button behavior to take the users to the /login page every time they click on the button.

3. Yes I was fully aware about my duty of redirecting the users to the post-login.jsp after completing login. I modified the security filters and HomeController to redirect the way and address the problem as it directs the users to the post-login page whenever they log in.
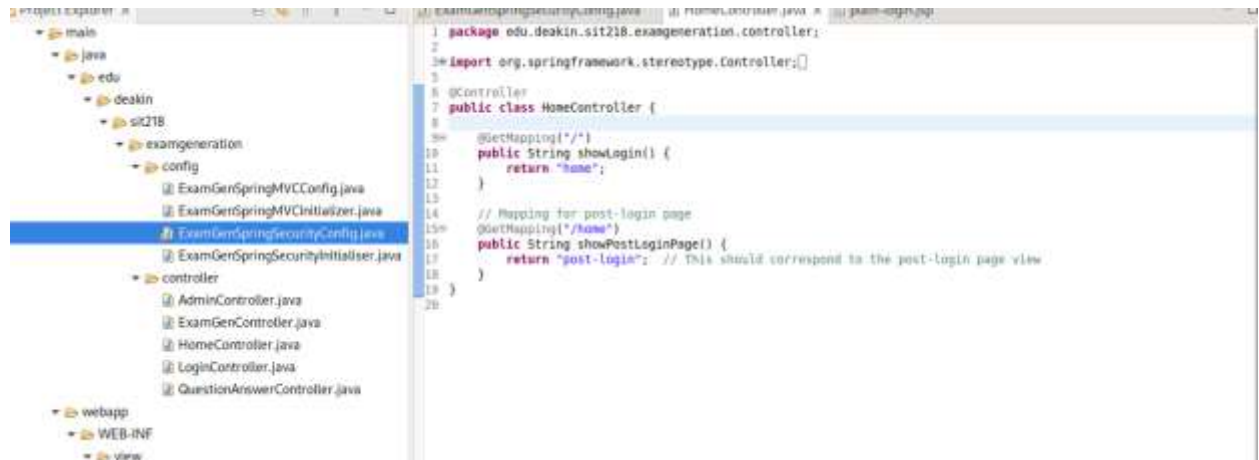
4. Once the necessary adjustments have been made, and then rigorously put the application through its paces. I checked the main page logged as an anonymous user in order to see it for anyone with no account in the given forum. It seems like after entering my valid login details after clicking the login button, I looked to see if the application had given me the after login screen. All happened in order, as was expected from original plans.

- In an endeavor to determine whether it took me to the login page I next clicked the login button. Using the credentials of the Student, I then signed in.

Sign In

👤 | Student

🔒 | ••••••••

Login

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