

INSTITUTE OF COMPUTER TECHNOLOGY
B-TECH COMPUTER SCIENCE ENGINEERING 2025-26
SUBJECT: IDENTITY ACCESS MANAGEMENT

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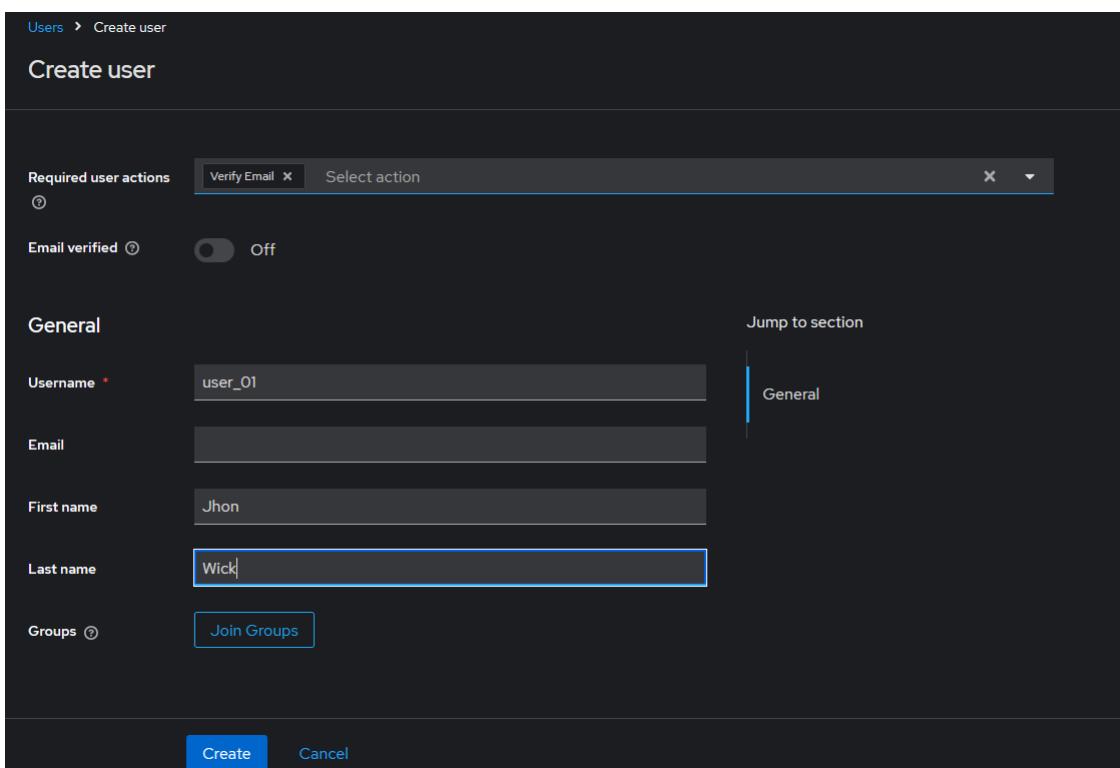
BRANCH: CYBER SECURITY

BATCH: 52

Lab 2: Create User in Keycloak

STEP-1:

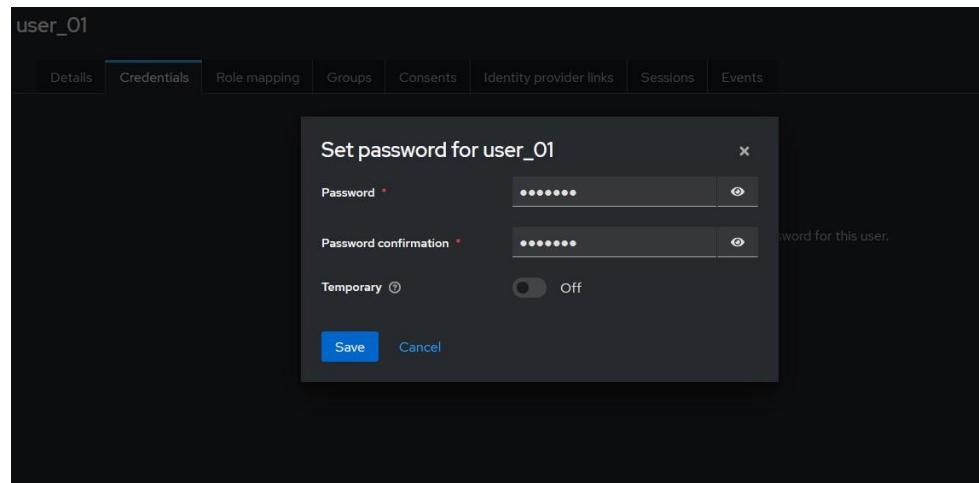
- Click Users in the left-hand menu.
- Click Add user.
- Fill in the form with the following values:
 - Username: user_01
 - First name: Jhon
 - Last name: Wick
- Click Create.



The screenshot shows the 'Create user' interface in Keycloak. At the top, there's a header bar with 'Users > Create user'. Below it is a title 'Create user'. A toolbar at the top right includes 'Required user actions' (with 'Verify Email' selected), 'Select action', and other buttons. The main area is titled 'General'. It contains input fields for 'Username' (set to 'user_01'), 'Email' (empty), 'First name' (set to 'Jhon'), and 'Last name' (set to 'Wick'). There's also a 'Groups' section with a 'Join Groups' button. At the bottom are 'Create' and 'Cancel' buttons.

STEP-2:

- Click Credentials at the top of the page.
- Fill in the Set password form with a password.
- Toggle Temporary to off so that the user does not need to update this password at the first login.



STEP-3:

- Now open another browser and paste URL :
<http://localhost:8080/realm/master/account>
- Enter the username and password which we create in above 2 steps.
- Click on sign in



User's Page:-

The screenshot shows the 'Personal info' section of the Keycloak user management interface. On the left, a sidebar menu includes 'Personal info', 'Account security', and 'Applications'. The main content area is titled 'Personal info' with the subtitle 'Manage your basic information'. It contains a 'General' section with fields for 'Username' (user_01), 'Email' (empty), 'First name' (Jhon), and 'Last name' (Wick). At the bottom are 'Save' and 'Cancel' buttons. A 'Jump to section' link is visible on the right.

STEP-3:

- Go to authentication section.
- click on policies.
- Click on save.

The screenshot shows the 'Authentication' section of the Keycloak administration interface. The left sidebar lists 'Manage realms', 'Clients', 'Client scopes', 'Realm roles', 'Users', 'Groups', 'Sessions', 'Events', 'Configure', 'Realm settings', 'Authentication' (which is selected), 'Identity providers', and 'User federation'. The main content area is titled 'Authentication' with the subtitle 'Authentication is the area where you can configure and manage different credential types.' It shows tabs for 'Flows', 'Required actions', and 'Policies', with 'Policies' being active. Below are tabs for 'Password policy', 'OTP Policy', 'Webauthn Policy', 'Webauthn Passwordless Policy', and 'CIBA Policy'. A large '+' button is on the right. A message says 'No password policies' and 'You haven't added any password policies to this realm. Add a policy to get started'. A dropdown menu titled 'Add policy' lists options: 'Expire Password', 'Hashing Iterations', 'Not Recently Used', 'Password Blacklist', 'Regular Expression', and 'Minimum Length'.

Authentication

Authentication is the area where you can configure and manage different credential types. [Learn more](#)

Flows

Required actions

Policies

Password policy

OTP Policy

Webauthn Policy

Webauthn Passwordless Policy

CIBA Policy

Add policy



Uppercase Characters * ?

— 1 +

Digits * ?

— 2 +

Minimum Length * ?

— 5 +

Special Characters * ?

— 1 +

Save

Reload