Customising Redmine and Superset to Allow Automatic Login with Gmail through Keycloak

Task Description:

Here are the steps to integrate Redmine and Apache Superset with Keycloak for easy Gmail login:

- 1. Begin by setting up Keycloak. Create a realm and set up Google as an identity provider using OAuth credentials from the Google API Console.
- 2. Then, create separate clients within Keycloak for Redmine and Superset, making sure to specify the correct redirect URIs.
- 3. Install the necessary OAuth plugin in Redmine, set it up with Keycloak client details, and update Redmine's configuration file.
- 4. For Superset, install the required Python packages and update the superset config.py file to include OIDC configuration for Keycloak.
- 5. Finally, restart both Redmine and Superset servers to apply the changes.

To verify the integration, access Redmine and Superset using Google credentials, and check that user information is correctly populated.

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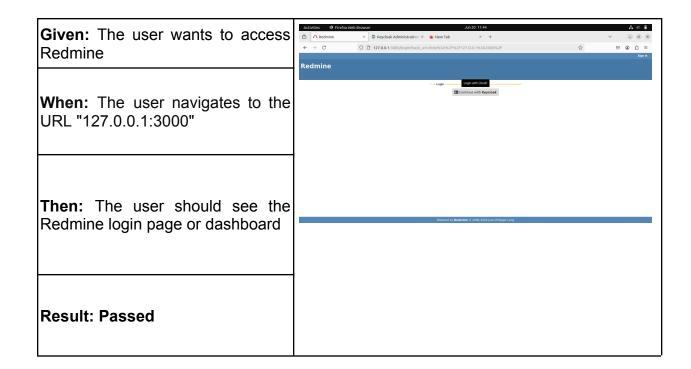
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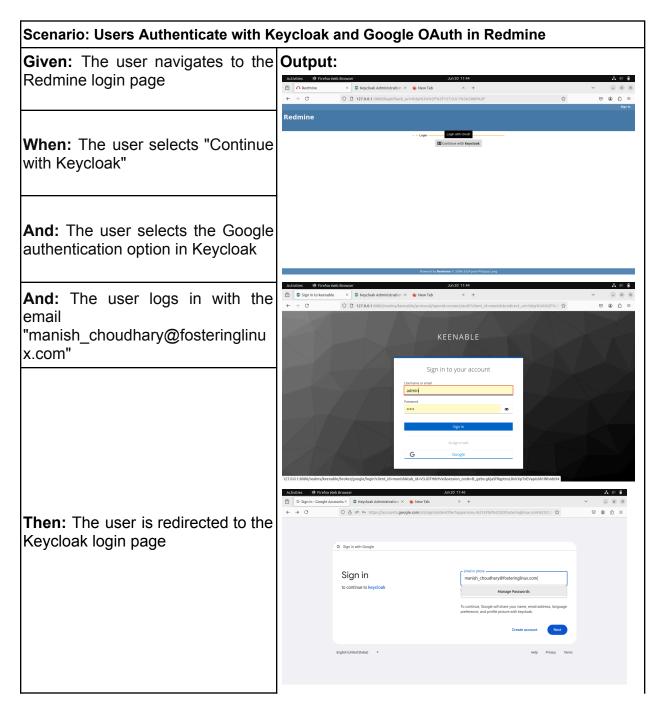
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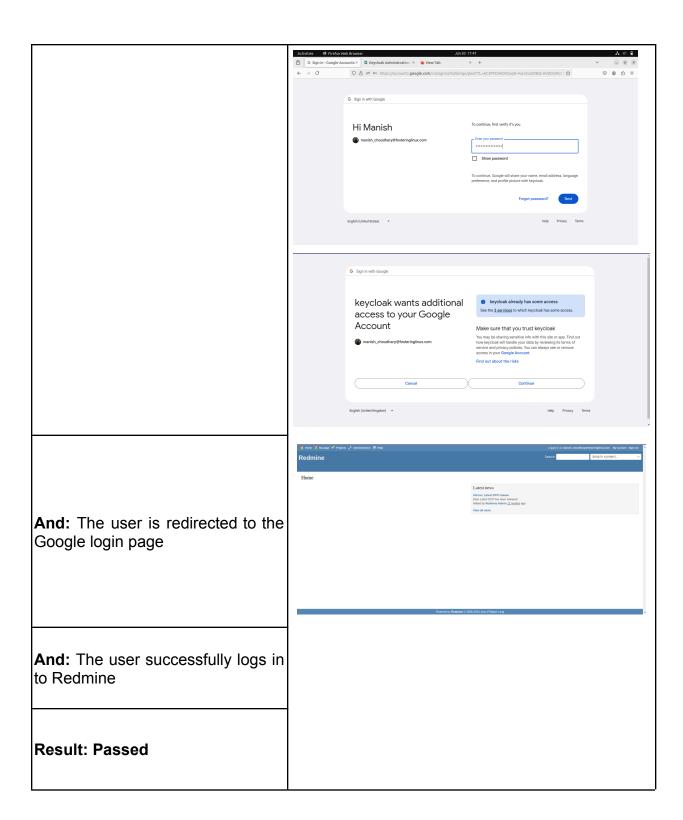
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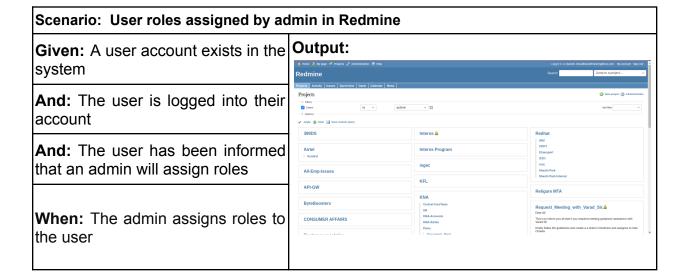
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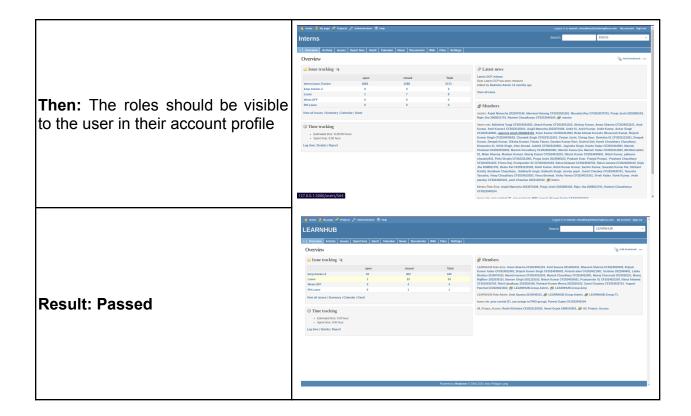
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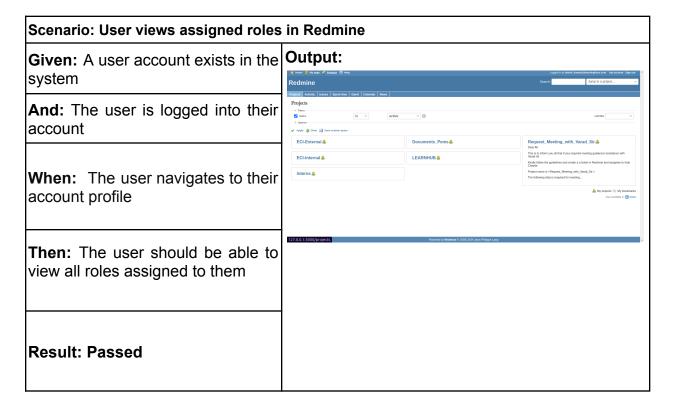


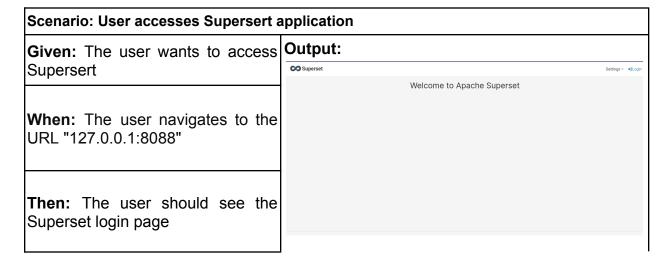




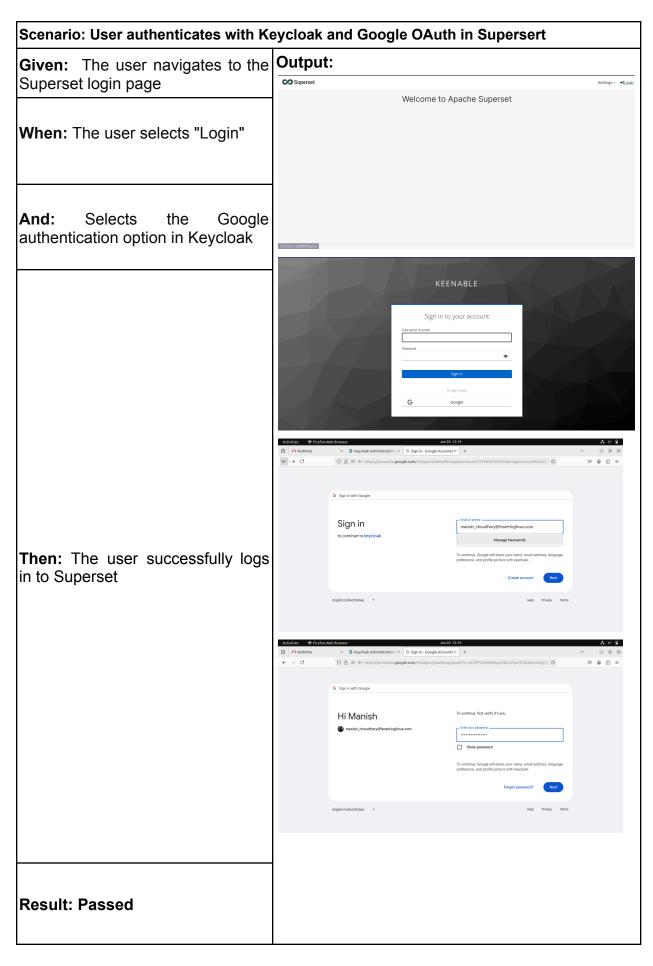


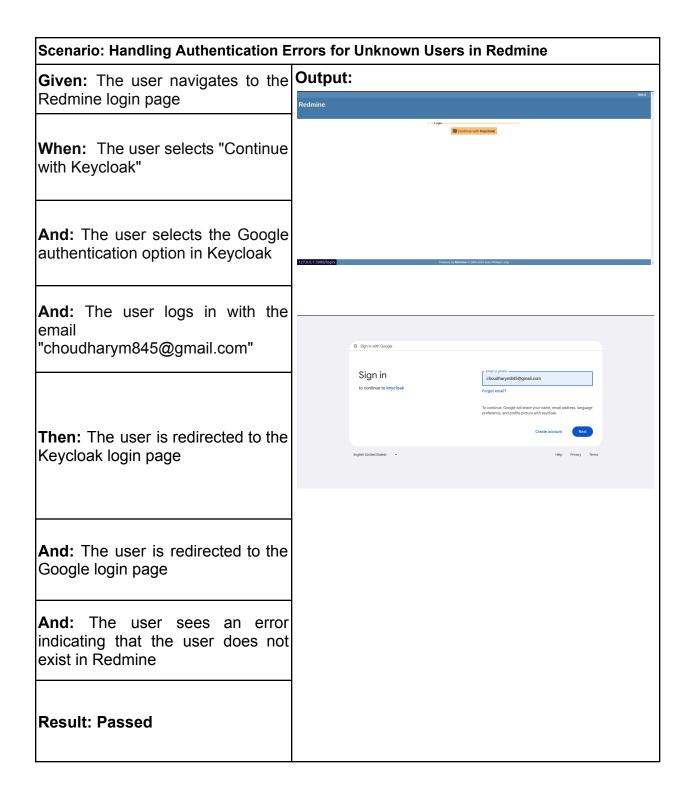


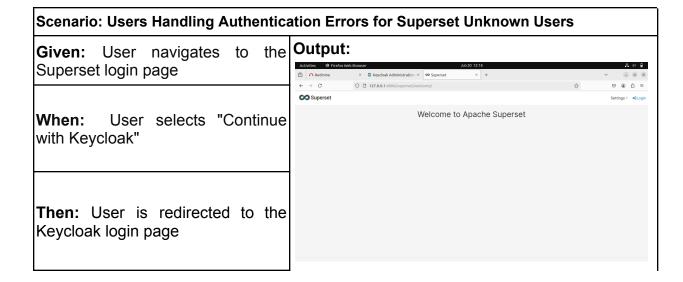


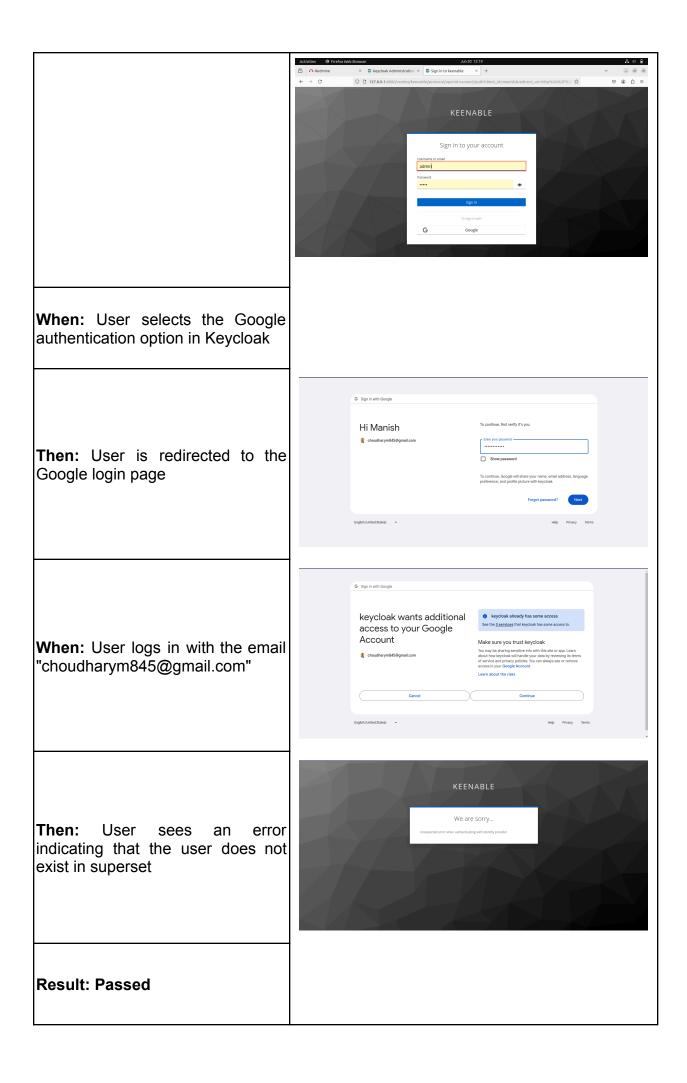


Result: Passed	
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Scenario: User attempts to access a locked account	
Given: The user has an account in the system	Output:

And: The user's account is locked

When: The user attempts to log in to their account

Then: The user should not be able to access any system functionalities.

Result: Passed

