

Appendix B: RBAC Function Application User Guide

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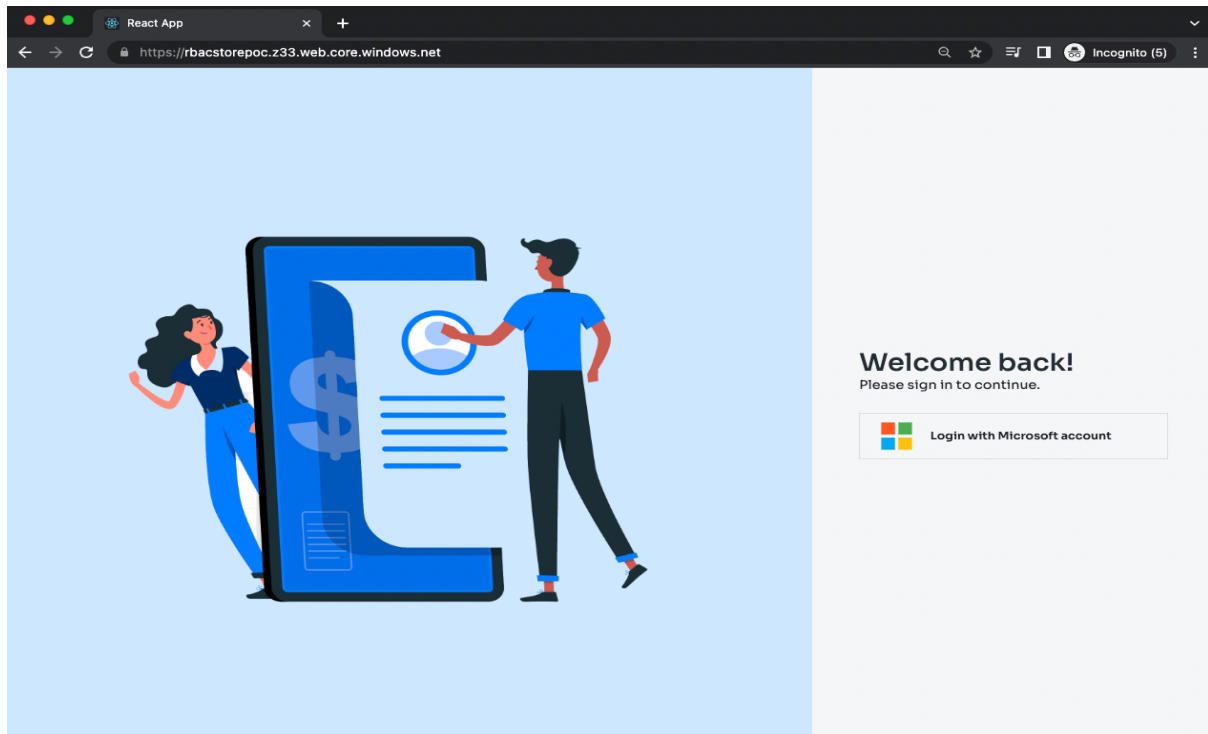
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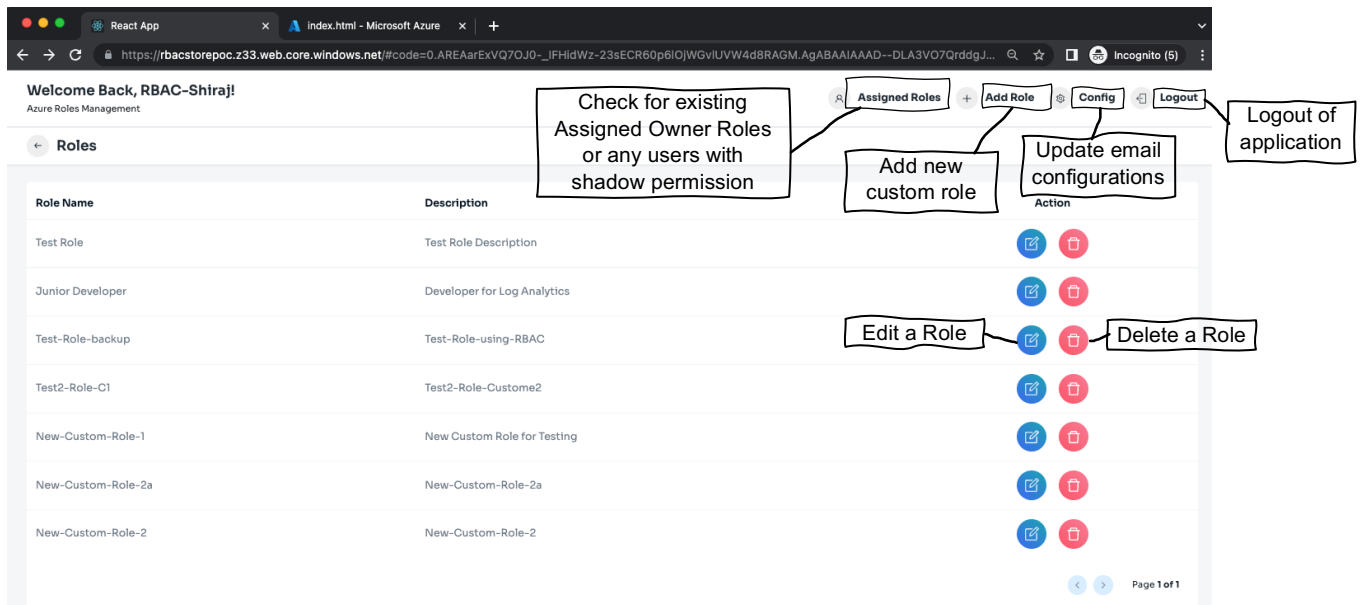
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## Login URL

1. Open the React App (<https://rbacstorepoc.z33.web.core.windows.net/>),
  - Log in using Azure AD Credential and confirm Multi-Factor Authentication



## Quick Overview Menu



## Landing Page

### 2. Landing page showing all existing Custom Roles

React App

https://rbacstorepoc.z33.web.core.windows.net















Incognito (5)

Welcome Back, RBAC-Shiraj!

Azure Roles Management

Assigned RolesAdd RoleConfigLogout

← Roles

Role Name	Description	Action
Test Role	Test Role Description	 
Junior Developer	Developer for Log Analytics	 
Test-Role-backup	Test-Role-using-RBAC	 
Test2-Role-C1	Test2-Role-Custom2	 
New-Custom-Role-1	New Custom Role for Testing	 
New-Custom-Role-2a	New-Custom-Role-2a	 
New-Custom-Role-2	New-Custom-Role-2	 

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## Assigned Roles

### 3. From the Menu, click “Assigned Roles” to display all the users with Owner roles

React App

https://rbacstorepoc.z33.web.core.windows.net/assigned-roles

Incognito (5)

Welcome Back, RBAC-Shiraj!

Azure Roles Management

Assigned RolesAdd RoleConfigLogout

← Roles Assigned

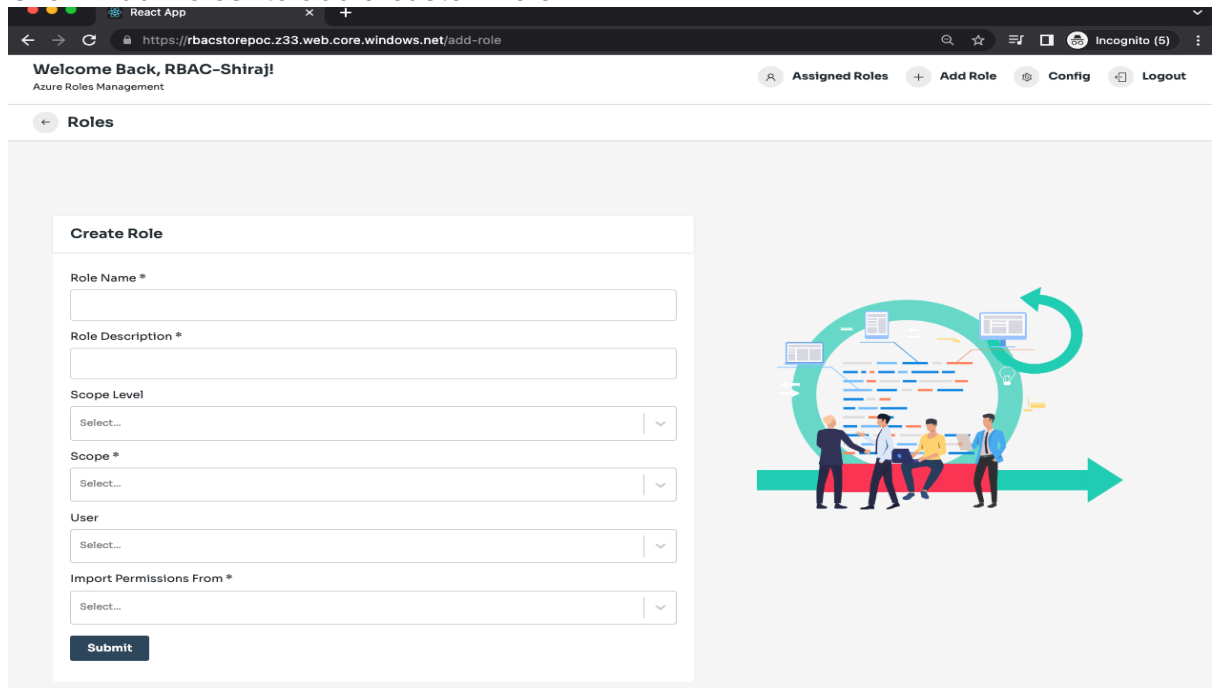
User Name	Role
RBAC3 Test user	Owner, User Access Administrator,
RBAC4 Test user	Owner,
RBACPOC-Admin	Owner,
RBAC-Shiraj	Owner,

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## Add Roles

### 4. Click “Add Roles” to add a custom role



React App

https://rbacstorepoc.z33.web.core.windows.net/add-role

Welcome Back, RBAC-Shiraj!  
Azure Roles Management

Assigned Roles + Add Role Config Logout

Roles

**Create Role**

Role Name \*

Role Description \*

Scope Level

Select...

Scope \*

Select...

User

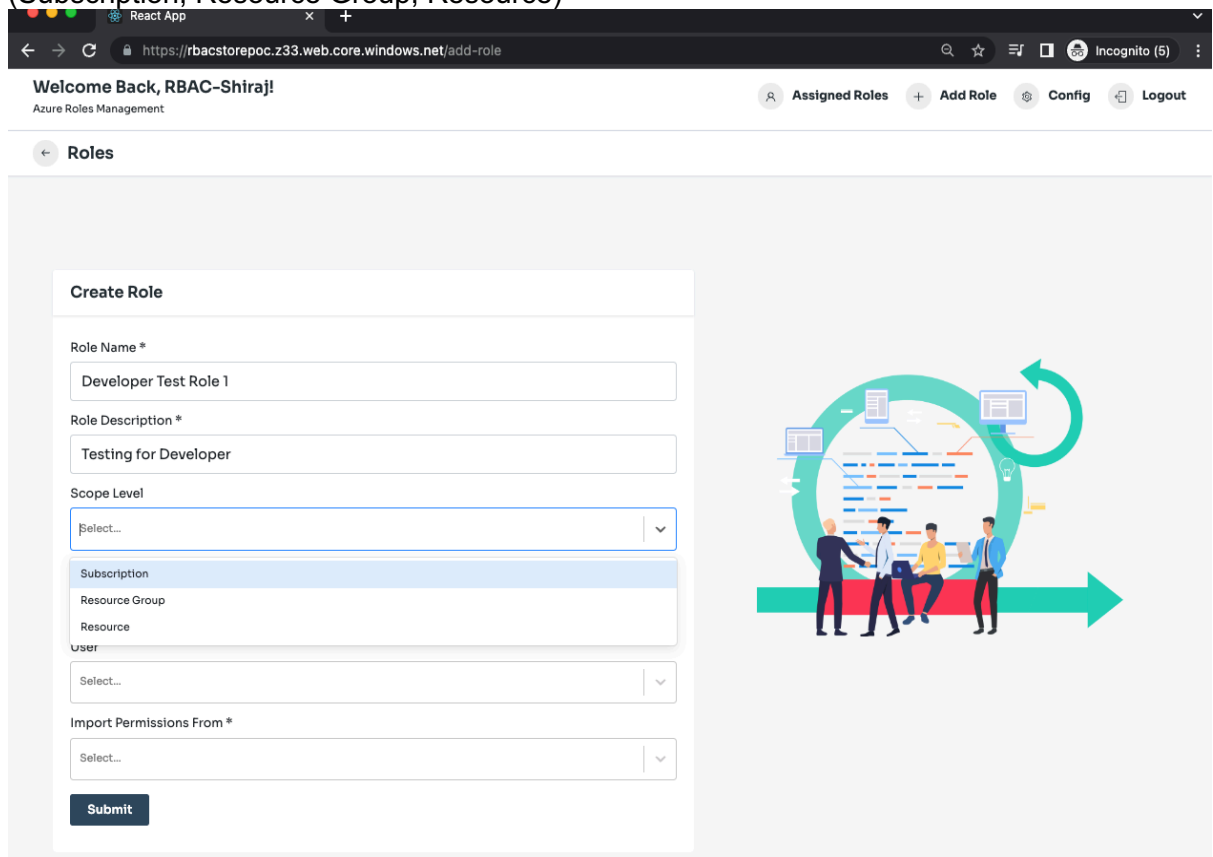
Select...

Import Permissions From \*

Select...

Submit

### 5. Select Scope Level to select from one of the three available scopes (Subscription, Resource Group, Resource)



React App

https://rbacstorepoc.z33.web.core.windows.net/add-role

Welcome Back, RBAC-Shiraj!  
Azure Roles Management

Assigned Roles + Add Role Config Logout

Roles

**Create Role**

Role Name \*

Developer Test Role 1

Role Description \*

Testing for Developer

Scope Level

Select...

Subscription

Resource Group

Resource

User

Select...

Import Permissions From \*

Select...

Submit

## Scopes Level

6. Select a Scope from the relevant sub-category "Scope Level". This Menu only populate after selecting a valid Scope Level (i.e. Pay-As-You-Go or Azure for Student)

**Create Role**

Role Name \*  
Developer Test Role 1

Role Description \*  
Testing for Developer

Scope Level  
Subscription

Scope \*  
Select...  
Pay-As-You-Go  
Azure for Students

Import Permissions From \*  
Select...

Submit

## Available Sub-Categories are

7. Scope Level "Subscription" Sub-Catagory

Scope Level  
Subscription

Scope \*  
Select...  
Pay-As-You-Go  
Azure for Students



## Scope Level "Resource Group" Sub-Catagory

Scope Level  
Resource Group

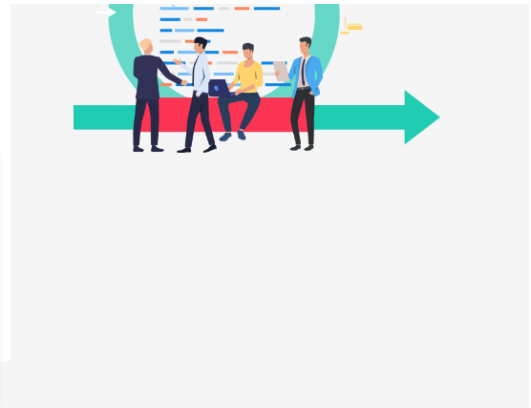
Scope \*  
Select...  
RBAC-Project01  
DefaultResourceGroup-SUK



## Scope Level "Resource" Sub-Catagory

Scope Level  
Resource

Scope \*  
Select...  
DefaultWorkspace-4e20e6bd-f289-4f7a-b7ac-d8618ded09ac-SUK  
Failure Anomalies - rbac-poc  
Failure Anomalies - rbac-poc-api  
Application Insights Smart Detection  
Trigger Azure Function  
When a new role assignment is created  
rbac-poc  
rbacstorepoc  
ASP-RBACProject01-a2ae  
rbac-poc



8. Select User to get a list of available users from Azure AD

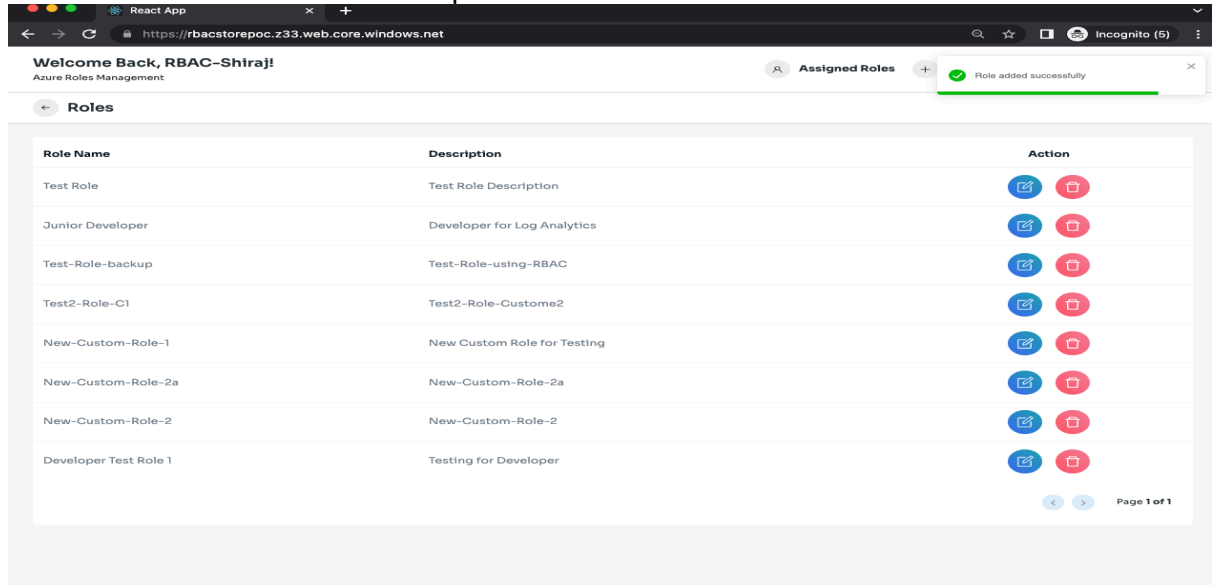
9. Select the “Import Permissions From” for appropriate permission or start typing the name of permission to pre-populate the Menu. Permission gathered from Existing Azure Roles

**Import Permissions From \***

















Website Contributor x |

Permission	Type	Action
Microsoft.Authorization/*/*read	✓	
Microsoft.Insights/alertRules/*	✓	
Microsoft.ResourceHealth/availabilitySt...	✓	
Microsoft.Resources/deployments/*	✓	

10. New Custom Role named “Developer Test Role 1” is added.



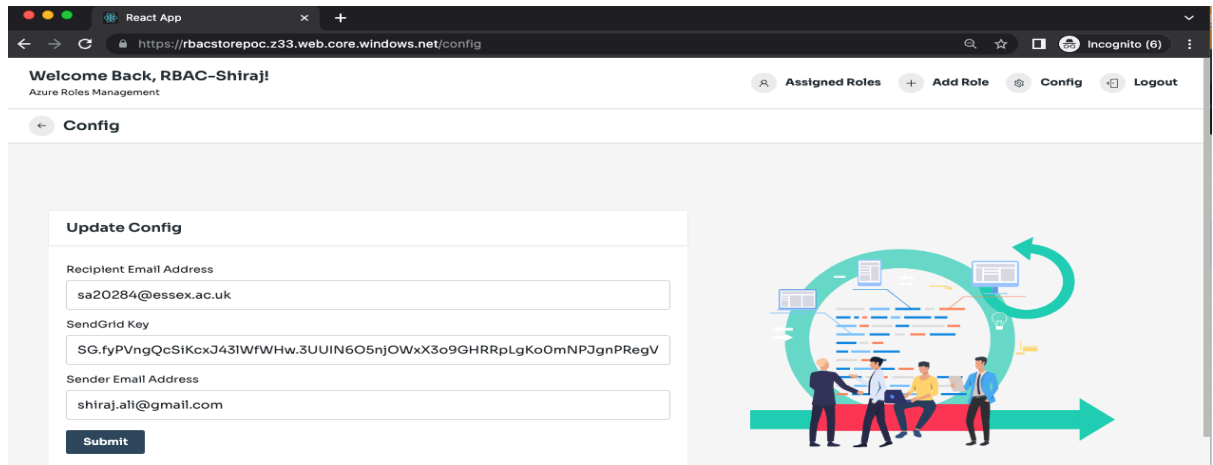
The screenshot shows the 'Roles' management page in the RBAC-Shiraj! application. A green notification banner at the top right states 'Role added successfully'. The main content is a table with three columns: 'Role Name', 'Description', and 'Action'.

Role Name	Description	Action
Test Role	Test Role Description	 
Junior Developer	Developer for Log Analytics	 
Test-Role-backup	Test-Role-using-RBAC	 
Test2-Role-C1	Test2-Role-Custome2	 
New-Custom-Role-1	New Custom Role for Testing	 
New-Custom-Role-2a	New-Custom-Role-2a	 
New-Custom-Role-2	New-Custom-Role-2	 
Developer Test Role 1	Testing for Developer	 

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## E-mail Configuration

11. Select “Config” to Update email related configuration



The screenshot shows the 'Config' page in the RBAC-Shiraj! application. The 'Update Config' form is displayed on the left, and a large green arrow graphic with people icons is on the right.

**Update Config**

Recipient Email Address  
sa20284@essex.ac.uk

SendGrid Key  
SG.fyPVngQcSiKcxJ43lWfWHw.3UUIN6O5njOWxX3o9GHRRpLgKoOmNPJgnPRegV

Sender Email Address  
shiraj.ali@gmail.com

**Submit**

## Verification

12. Further verification is done by going to Azure Portal to check for the newly created role

The screenshot shows the Microsoft Azure portal interface. The breadcrumb navigation at the top indicates the path: Home > Resource groups > RBAC-Project01 > rbac-poc. The main heading is 'rbac-poc | Access control (IAM)'. Below this, there's a search bar and several action buttons: '+ Add', 'Download role assignments', 'Edit columns', 'Refresh', 'Remove', and 'Got feedback?'. The left sidebar contains navigation options: Overview, Activity log, Access control (IAM) (selected), Tags, Diagnose and solve problems, and Investigate. The 'Access control (IAM)' section is expanded, showing 'Role assignments' as the active tab. Below the tabs, there's a summary section titled 'Number of role assignments for this subscription' with a count of 13. A search bar 'Search by name or email' is present, along with filters for 'Type: All', 'Role: All', 'Scope: All scopes', and 'Group by: Role'. The main content area displays a table of role assignments. The first row is expanded, showing details for 'Developer Test Role 1'. The table has columns for 'Name', 'Type', 'Role', and 'Scope'. The 'Name' column shows 'RBAC1 Test User' with a user icon. The 'Type' column shows 'User'. The 'Role' column shows 'Developer Test Role 1'. The 'Scope' column shows 'This resource'.

Name	Type	Role	Scope
RBAC1 Test User rbac1@shirajenroute.onmi...	User	Developer Test Role 1	This resource