

## Technical Assessment

Topics: Web API, Angular and TypeScript

Study the REST API documentation from

<https://peter-htet.outsystemscloud.com/ITDInterviews/rest/Users/>

## Functional Requirements [Main Tasks]

You are tasked with developing a log in page and user registration page as shown in the figures below. Upon successful log in, the user should be able to see a list of users in the system where they can delete the records by clicking on the trash can icon as shown in the figure 3.

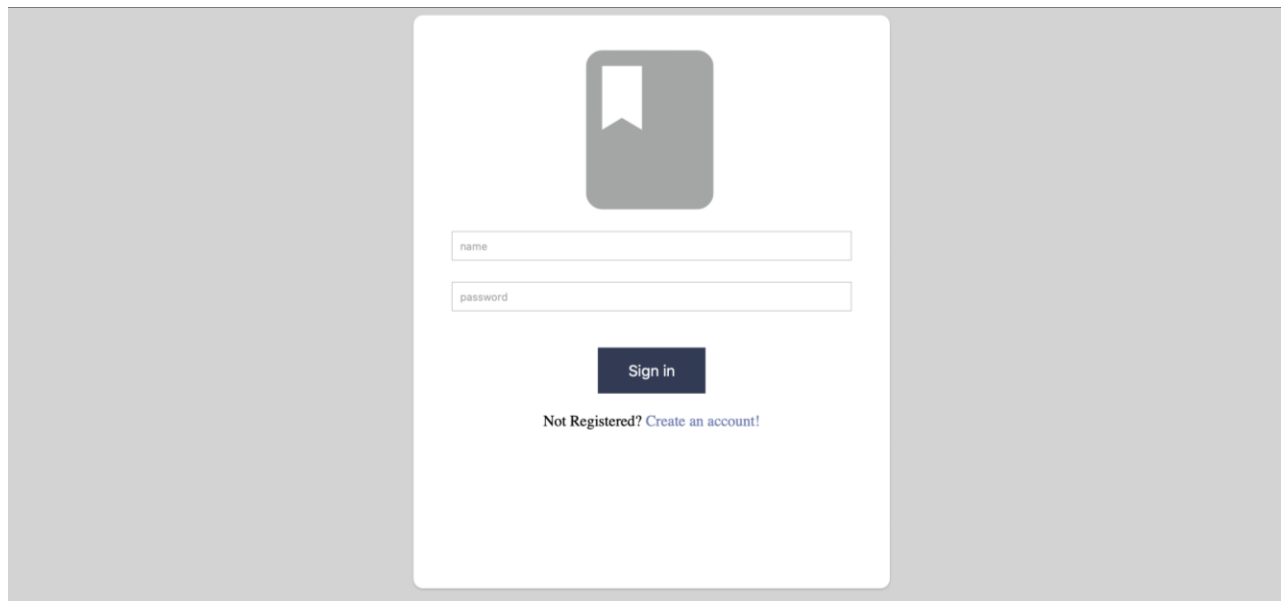
The image shows a login screen with a light gray background. In the center is a white rounded rectangle containing a dark gray square icon with a white bookmark symbol. Below the icon are two input fields: the first is labeled 'name' and the second is labeled 'password'. Under these fields is a dark blue button with the text 'Sign in' in white. At the bottom of the white rectangle, the text 'Not Registered?' is followed by a blue link 'Create an account!'.

Figure 1 Log in screen

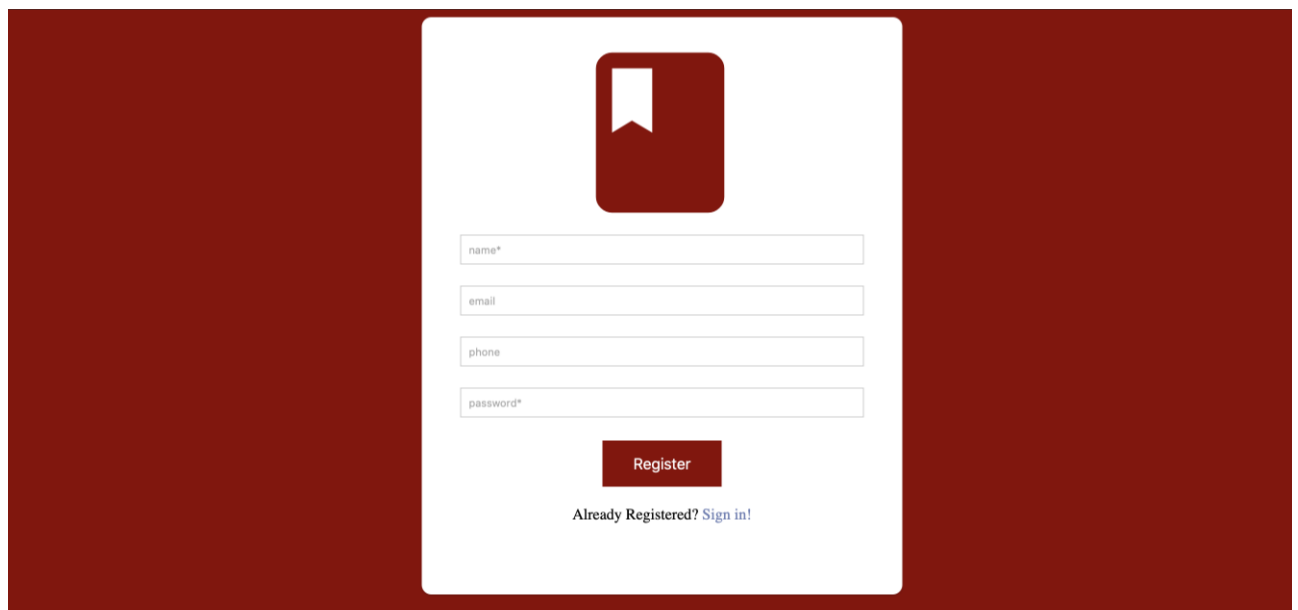
The image shows a user registration screen with a dark red background. In the center is a white rounded rectangle containing a dark red square icon with a white bookmark symbol. Below the icon are four input fields: the first is labeled 'name\*', the second 'email', the third 'phone', and the fourth 'password\*'. Under these fields is a dark red button with the text 'Register' in white. At the bottom of the white rectangle, the text 'Already Registered?' is followed by a blue link 'Sign in!'.

Figure 2 User Registration

## Technical Assessment

Topics: Web API, Angular and TypeScript






User List				
Name	Email	Password	Phone	Action
Peter	peter@test.com	*****	92207092	
John	john@test.com	*****	95605090	
Steven	steven@gmail.com	*****	98465379	
Mary	mary@gmail.com	*****	87654567	
James	james@gmail.com	*****	94563455	

Figure 3 List of registered users

Hints: icons are from <https://material.io/resources/icons/> [Search for “class” and “delete\_forever”]

Light Grey #D3D3D3, Dark Grey #A9A9A9

Red #8B0000

## Non-Functional Requirements [Optional Tasks]

- Do not store password in plain text. Create a MD5 hash of the password before calling the API to create a new user.
- Implement appropriate client-side validation and confirmation as you deem fit.