

IA03 - User Registration

Student info

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Criterias

- Link FE: <https://csc13114-ia03-22120368-fe.onrender.com>
- Link BE: <https://csc13114-ia03-22120368-be.onrender.com>
- Due to free plan, the backend server may be spun down. When access, it may take a minute to wake up.
- **Self evaluate score: 10**

Feature	Points	Completeness
API Endpoint (/register)	2	100%
Error Handling	2	100%
Routing (Home, Login, Sign Up)	1	100%
Sign Up Page (Form, Validation, API Integration with React Query)	2	100%
Login Page (Form, Validation, UI with shadcn/ui or equivalent)	2	100%
Public host deployment	1	100%

Screenshots

- Case failed to register due to existing email:

The screenshot shows a "User Registration" page with a "Create an Account" form. At the top right, there are "Home", "Login", and "Sign Up" buttons. The "Sign Up" button is highlighted with a blue border. Below the buttons, the text "Create an Account" and "Sign up to get started" are displayed. A red error message box contains the text "Registration failed" and "User [test@example.com] already exists". The form fields include "Email" (containing "test@example.com"), "Password" (containing "*****"), and "Confirm Password" (containing "*****"). Below the password fields, "Password requirements:" are listed: "At least 8 characters long", "Contains uppercase letter (A-Z)", "Contains lowercase letter (a-z)", "Contains at least one number (0-9)", and "Contains special character (@#\$%^!&#)". A large blue "Sign Up" button is at the bottom. A small link "Already have an account? Sign in" is located just below it. At the very bottom of the page, a copyright notice reads "© 2025 User Registration System. All rights reserved."

- If register successfully, it will redirect to the login page:

The screenshot shows a "User Registration" page with a "Welcome Back" form. At the top right, there are "Home", "Login", and "Sign Up" buttons. The "Login" button is highlighted with a blue border. Below the buttons, the text "Welcome Back" and "Sign in to your account" are displayed. The form fields include "Email" (containing "test@example.com") and "Password" (containing "*****"). There is also a "Remember me" checkbox and a "Forgot password?" link. A large blue "Sign In" button is at the bottom. A small link "Don't have an account? Sign up" is located just below it. At the very bottom of the page, a copyright notice reads "© 2025 User Registration System. All rights reserved." A note at the bottom states "Note: This is a demo login page. No actual authentication is performed."

- Password length validation:

User Registration

Welcome Back

Sign in to your account

Email
test@example.com

Password
.....

Password must be at least 8 characters

Remember me [Forgot password?](#)

[Sign In](#)

Don't have an account? [Sign up](#)

Note: This is a demo login page. No actual authentication is performed.

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This screenshot shows a user registration page with a login form. The 'Email' field contains 'test@example.com'. The 'Password' field contains '.....'. A red border surrounds the password input, and the error message 'Password must be at least 8 characters' is displayed below it. Below the form are links for 'Remember me' and 'Forgot password?'. A blue 'Sign In' button is at the bottom. At the very bottom of the page, a note states: 'Note: This is a demo login page. No actual authentication is performed.'

- Mock success response from backend:

User Registration

Welcome Back

Sign in to your account

Login successful! (Demo mode)

Email
test@example.com

Password
.....

Remember me [Forgot password?](#)

[Sign In](#)

Don't have an account? [Sign up](#)

Note: This is a demo login page. No actual authentication is performed.

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This screenshot shows the same user registration page as the previous one, but with a green success message box at the top containing a green checkmark icon and the text 'Login successful! (Demo mode)'. The rest of the interface is identical to the first screenshot, including the email and password inputs, the 'Sign In' button, and the footer note.

- Sign up validation:

The screenshot shows a "User Registration" interface with a "Create an Account" form. The form includes fields for Email, Password, and Confirm Password. The Email field contains "sadasd2@D" and has an error message "Invalid email address". The Password field contains "....." and has an error message "Password must be at least 8 characters". The Confirm Password field contains "Confirm your password" and has an error message "Please confirm your password". Below the fields is a "Password requirements:" section with the following items:

- At least 8 characters long
- Contains uppercase letter (A-Z)
- Contains lowercase letter (a-z)
- Contains at least one number (0-9)
- Contains special character (!@#\$%^&#)

A blue "Sign Up" button is at the bottom, and a link "Already have an account? [Sign in](#)" is below it. The footer of the page reads "© 2025 User Registration System. All rights reserved."