

Dear Candidate,

Congratulations on progressing to the next stage of our assessment process! We're eager to evaluate your technical skills and hands-on experience in Node.js and ReactJS programming through the following test.

It's crucial to carefully read and adhere to all instructions provided. Pay close attention to every aspect of the test and ensure compliance with all requirements.

## **Technical Requirements:**

### **Technologies to be Used:**

Node.js  
ReactJS  
MUI 5  
Git

### **Scope:**

Please develop a single-page web application based on the provided design.

Implement a form for sign-up/sign-in as per the provided design.

Enable users to switch between sign-up and sign-in forms.

Allow users to sign up/sign in using their Google account.

Allow users to change their password if forget it.

### **Validations:**

Ensure all fields are mandatory.

The name field should span between 2 and 20 characters.

Passwords must be at least 8 characters long, comprising lowercase and uppercase letters, and at least one symbol.

Prompt users with appropriate messages for incorrect data entries.

### **Additional Functionalities:**

Implement a mechanism to keep users signed in if they opt for the "Remember for 30 days" feature on both client and server sides.

Enable users to request a password reset; upon clicking "Forgot password," an email containing a reset password link should be dispatched.

## Rules:

Utilize Restful APIs.

Maintain consistency in naming conventions for functions, variables, constants, and components.

Ensure accurate implementation of the design and workflows.

## Note:

Utilize Git on any remote Git provider. Regular commits highlighting your progress are integral to evaluation.

Include comprehensive instructions for compiling, building, deployment, etc., within the README file.

While third-party libraries are permitted, avoid from using pre-generated code that directly addresses this task.

## Delivery and Deadline:

Complete the project within 2 days.

Share the repository link via email.

## Evaluation:

The project should function correctly according to the provided description.

The quality of the source code is of utmost importance.

Documentation quality and accuracy will be heavily considered.

Adherence to Node.js and React best practices.

Please ensure that your code is organized, designed, tested, and documented as if it were going into production.

***Attached are images for your reference to envision the desired outcome.***

Best of luck,

The SmartPath Team



## Create an account

Start your 30-day free trial.

Name\*

Email\*

Password\*

Must be at least 8 characters.

Get started

 Sign up with Google

Already have an account? [Log in](#)



## Log in to your account

Welcome back! Please enter your details.


Email

Password

☐ Remember for 30 days

[Forgot password](#)

Sign in

 Sign in with Google

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



## Check your email

We sent a verification link to  
olivia@untitledui.com

3 0 6 6

Verify email

Didn't receive the email? [Click to resend](#)

[← Back to log in](#)



## Forgot password?

No worries, we'll send you reset instructions.

Email

Enter your email

Reset password

[← Back to log in](#)



## Check your email

We sent a password reset link to  
olivia@untitledui.com

Open email app

Didn't receive the email? [Click to resend](#)

[← Back to log in](#)



## Set new password

Your new password must be different to previously  
used passwords.

Password

\*\*\*\*\*

Must be at least 8 characters.

Password

\*\*\*\*\*

Reset password

[← Back to log in](#)



## Password reset

Your password has been successfully reset. Click below to log in magically.

Continue

[← Back to log in](#)