

Test User can Log in

```
<user>
  <emailAddress>test@test.com</emailAddress>
  <password>password</password>
  <name>George</name>
</user>
```

[Home](#) [Destinations](#) [Log in](#) [Contact Us](#)

t, Bali

£875

Ko Lanta Resort

Thailand


£1,200

CREATE AN ACCOUNT



LOG IN

Log in

Email Address

 test@test.com

Password

SUBMIT

[Home](#)[Destinations](#)[Log Out](#)[Contact Us](#)

You have successfully logged in



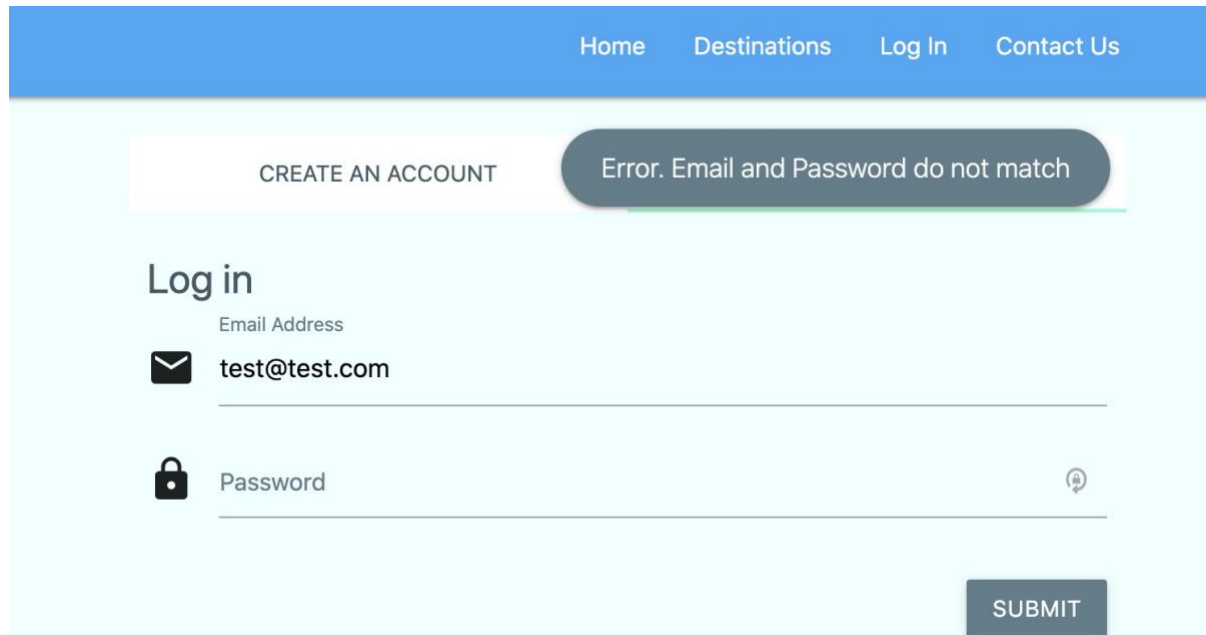
Ko Lanta Resort

Thailand

£1,200

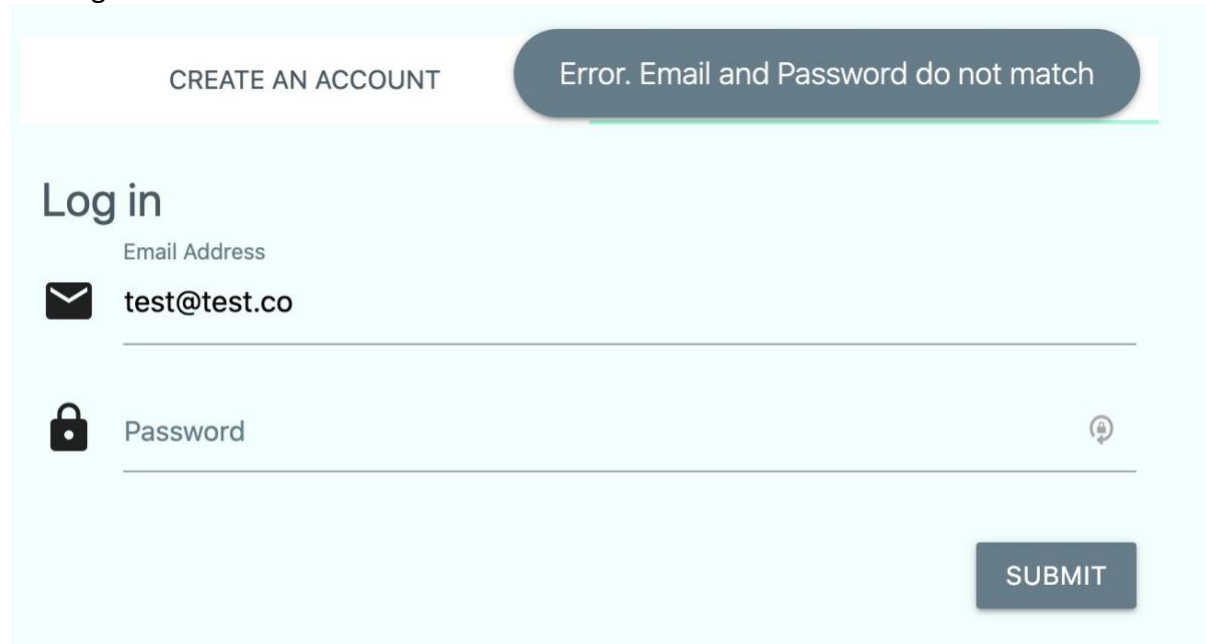
Success – when logging in with an existing user, success message appears. 'Log In' becomes 'Log Out' on Navbar. Login Form is hidden from view.

User can only log in if password valid



The screenshot shows a web application with a blue header containing links for Home, Destinations, Log In, and Contact Us. Below the header is a light blue login section. At the top of this section, there is a white button labeled 'CREATE AN ACCOUNT' and a dark grey error message bubble that says 'Error. Email and Password do not match'. The login form itself is titled 'Log in' and has two input fields. The first field is labeled 'Email Address' and contains the text 'test@test.com'. The second field is labeled 'Password' and is empty. A 'SUBMIT' button is located at the bottom right of the form.

When Submit is clicked for logging in, if the email exists but the password does not match its entry in 'users.xml', an error message will appear. This will be the same error message if the email is valid but does not exist in the users.xml file, because having different error messages for these scenarios could aid attackers in enumeration. As shown below:



This screenshot is identical to the one above, showing the same login form with the error message 'Error. Email and Password do not match'. The email address in the input field is 'test@test.co' instead of 'test@test.com'.

Check User can create new account


Enter valid data on create account form

CREATE AN ACCOUNT


LOG IN

Sign up


Email Address




michael@hotmail.co.uk




Password



.....




Your name




Michael

Date of Birth



Oct 12, 1998



I confirm the above details are correct

SUBMIT

[index.js:292](#)

```
<data>
  ▼<user>
    <emailAddress>test@test.com</emailAddress>
    <password>password</password>
    <name>George</name>
  </user>
  ▼<user>
    <emailAddress>tttest@test.com</emailAddress>
    <password>Password1</password>
    <name>Mark</name>
  </user>
  ▼<user>
    <emailAddress>mic_ael202@hotmail.co.uk</emailAddress>
    <password>Pa$$w0rd1!</password>
    <name>Tina</name>
  </user>
  ▼<user>
    <emailAddress>michael@hotmail.co.uk</emailAddress>
    <password>P@ssw0rd</password>
    <name>Michael</name>
  </user>
</data>
```



For security purposes, client side JS cannot directly change project files however this console log shows how a server response would appear if I had added a back-end to the system. We see the new, latest-created user being added to the users.xml file which already contained 3 users.

Created Accounts must have Unique Email



[CREATE AN ACCOUNT](#) [LOG IN](#)

Sign up


Email Address

 test@test.com 


Password


 

Your name

 Michael

Date of Birth

 Oct 12, 1998

 I confirm the above details are correct

SUBMIT

Error. Email address is already in use

When submit is clicked, if an email field is valid but already exists in 'users.xml', then this error message will appear as the email field must be unique.

More extensive validation tests are included in video using Jest