

Login – User authentication

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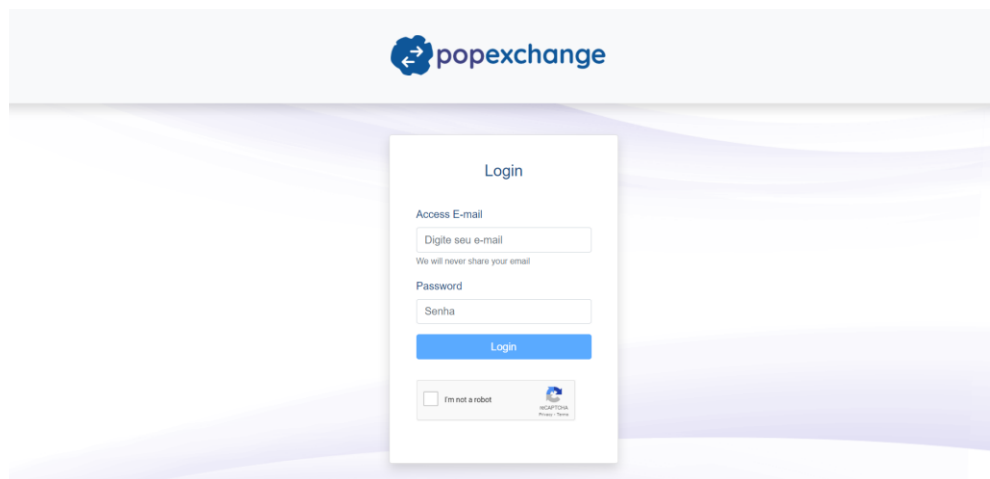
VALUE PROPOSITION

As a	registered user
I want	to login to the application with security option
Then	access the available features

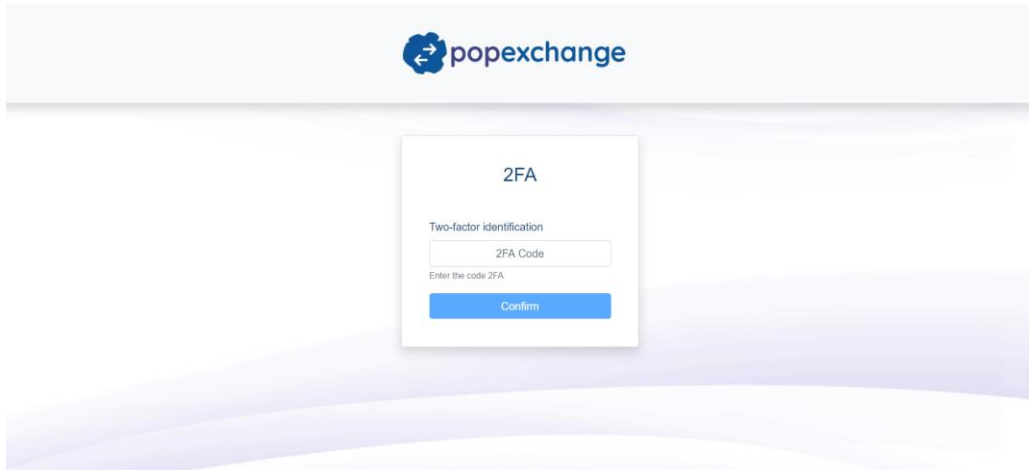
ACCEPTANCE CRITERIA

- Login can only be done after user registration
- The registered 2FA user is authenticated after confirmation of the 2FA code
 - Registered user must install the Authenticator
 - Registered user must register the authentication in the application to use
- 2FA authentication will be mandatory for the user to use the transaction features of the wallet
- Protected with recaptcha to login account

SCREEN DRAFTS



The image shows a login screen draft for 'popexchange'. The header features the 'popexchange' logo. The main content area is a white card with the title 'Login'. It contains two input fields: 'Access E-mail' with the placeholder 'Digite seu e-mail' and 'Password' with the placeholder 'Senha'. Below the password field is a blue 'Login' button. At the bottom of the card, there is a checkbox labeled 'I'm not a robot' and a small 'RECAPTCHA' logo.



USER STORY CARD

Name:	Login – User authentication
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Date:	01 Dec 2020
Actors:	<ul style="list-style-type: none">• user

Main Flow:	<ol style="list-style-type: none"> 1. User access the address <https://exchange.popblockchain.org/> and click <i>Login</i> button 2. System displays the “login“ page 3. User fill the fields <ol style="list-style-type: none"> 1. E-mail, system check if email is valid or empty <ol style="list-style-type: none"> 1. If not valid, display warning message (2) 2. Password, system validates password is valid or empty <ol style="list-style-type: none"> 1. If not valid, display warning message (3) 3. Fill reCAPTCHA field 4. For any empty field system display warning message (1) 4. User click <i>Login</i> button <ol style="list-style-type: none"> 1. If correct e-mail and password and reCAPTCHA filed, <ol style="list-style-type: none"> 1. If user has 2FA registered, the system requests the code for user authentication <ol style="list-style-type: none"> 1. If code is correct, , system authenticate user and display Dashboard page 2. If not, system display a warning message (5) 2. If not, system authenticate user and display Dashboard page 2. If not, system display warning message (4) 5. End use case
Postcondition 1:	User login on PoP Exchange
Messages:	<ol style="list-style-type: none"> 1. warning message (1) - <field> is required. 2. warning message (2) - Invalid email! 3. warning message (3) - Password must be 6 to 15 characters long! 4. warning message (4) – Incorrect e-mail or password! 5. warning message (5) – Invalid code!

SCENARIOS

@login

Feature: login application

In order to I need to use the PoP Exchange

As a registered user I want login application

Scenario: Login with unregistrered user

Given I visit "/login" page

And I not registered in application

When I enter <email> in the "E-mail" field

And I enter <password> in the "Password" field

And I check <recapcha> field

And I click 'Login' button
Then I should see a warning message

Scenario: Login with invalid user and password

Given I visit "/login" page
When I enter invalid <email> in the "E-mail" field
And I enter invalid <password> in the "Password" field
Then I should see a warning <message>

Scenario: Login with registered user and password

Given I visit "/login" page
When I enter <email> in the "E-mail" field
And I enter <password> in the "Password" field
And I check <recapcha> field
And I click 'Login' button
Then I should see a "/dashboard" page

@2FA_login

Feature: title

In order to I need more security
As a registered user I want a 2FA login

Background: Login with registered user and password

Given I visit "/login" page
When I enter <email> in the "E-mail" field
And I enter <password> in the "Password" field
Then I should see "/2fa" code page

Scenario: Login with invalid code 2FA

Given I choose use Login 2FA
And I enter invalid <code>
When I click "Continue" button
Then I should see a warning <message>

Scenario: Login with valid code 2FA

Given I choose use Login 2FA
And I enter valid <code>
When I click "Continue" button
Then I should see a "/dashboard" page