

Test Case: MFA Soft Token (TOTP) Logic With Provided Secret

Preconditions:

- Mint account is configured for 'soft token' MFA (e.g. authenticator app/TOTP).
- The TOTP secret is available.
- Chrome WebDriver and dependencies set up.

Steps:

1. Launch Chrome WebDriver.
2. Call `sign_in()` with:
 - Valid email and password
 - driver instance
 - `mfa_method = constants.MFA_VIA_SOFT_TOKEN`
 - `mfa_token = correct TOTP secret shared with oathtool.generate_otp`
 - `mfa_input_callback = None`
 - `wait_for_sync = False`
3. Observe the flow: oathtool generates TOTP code, it is entered and submitted automatically.
4. `sign_in()` completes successfully.

Expected Result:

- TOTP (soft token) code is generated via oathtool and submitted automatically.
- If the TOTP setup is correct, login proceeds without further manual steps.

---Extra Details---

Filename: `signIn.py`

Description: Tests that the soft token (TOTP) MFA logic is handled correctly and oathtool generated code is used. Ensures no manual input is required.

Score: 87%

Alignment: 78%

Validation Notes: Accurately tests soft token scenario. Account must be configured for this MFA method. Validates oathtool usage.