

Test Case: Successful Sign In With Correct Credentials & Email MFA

Preconditions:

- User has a valid Intuit (Mint) account with email MFA enabled.
- Email account credentials (IMAP) are available and emails are accessible.
- Chrome WebDriver and required dependencies are installed.

Steps:

1. Launch Chrome WebDriver with headless = False.
2. Call sign_in() with:
 - Valid email and password
 - driver instance
 - mfa_method = constants.MFA_VIA_EMAIL
 - mfa_input_callback = None
 - imap_account, imap_password, imap_server set to correct email IMAP credentials
 - imap_folder = "INBOX"
 - wait_for_sync = True
 - wait_for_sync_timeout = 60 seconds
3. Observe the sign-in flow, including MFA: the code should be retrieved automatically via IMAP and submitted.
4. Assert that sign_in() completes without exceptions and returns a status_message indicating sync status (e.g., contains "Account").
5. Clean up test artifacts (e.g., log out, close browser).

Expected Result:

- Login is successful.
- Email MFA is processed via IMAP without manual code entry.
- The returned status_message is not None and includes success text.

---Extra Details---

Filename: signIn.py

Description: Validates the main success path: correct credentials + email MFA via IMAP. Verifies sign-in and email code handling.

Score: 98%

Alignment: 93%

Validation Notes: Strongly exercises core login & email MFA logic, including IMAP code fetching and full workflow. Can be automated.