

Installation prerequisites :

1. Java jdk:

Install java jdk from oracle's website

Set up environment variables:

```
shilpashreemr — -zsh — 80x24

Try --help for usage information.
[shilpashreemr@Shilpas-MacBook-Pro ~ % nano .zsh profile ]
[shilpashreemr@Shilpas-MacBook-Pro ~ % echo $PATH ]
/Library/Frameworks/Python.framework/Versions/3.12/bin:/usr/local/bin:/System/Cr
yptexes/App/usr/bin:/usr/bin:/bin:/usr/sbin:/sbin:/var/run/com.apple.security.cr
yptexd/codex.system/bootstrap/usr/local/bin:/var/run/com.apple.security.cryptexd
/codex.system/bootstrap/usr/bin:/var/run/com.apple.security.cryptexd/codex.syste
m/bootstrap/usr/appleinternal/bin
[shilpashreemr@Shilpas-MacBook-Pro ~ % nano .profile ]
[shilpashreemr@Shilpas-MacBook-Pro ~ % nano .profile ]
[shilpashreemr@Shilpas-MacBook-Pro ~ % source .zsh profile ]
source: no such file or directory: .zsh
[shilpashreemr@Shilpas-MacBook-Pro ~ % nano .zsh_profile ]
[shilpashreemr@Shilpas-MacBook-Pro ~ % source .zsh_profile ]
[shilpashreemr@Shilpas-MacBook-Pro ~ % /usr/bin/ruby -e "$(curl -fsSL https://raw
.githubusercontent.com/Hom...)"]
curl: (22) The requested URL returned error: 400
[shilpashreemr@Shilpas-MacBook-Pro ~ % /usr/bin/ruby -e "$(curl -fsSL https://raw
.githubusercontent.com/Homebrew/install/master/intsall)"]
curl: (22) The requested URL returned error: 404
[shilpashreemr@Shilpas-MacBook-Pro ~ % /bin/bash -c "$(curl -fsSL https://raw.git
hubusercontent.com/Homebrew/install/HEAD/install.sh)"]
==> Checking for `sudo` access (which may request your password)...
[Password: ]
```

2. Install node.js and npm

3. Install appium

```
shilpa@shilpa-MacBook-Pro:~/robotframework-appiumlibrary$ pip install robotframework-appiumlibrary
Collecting robotframework-appiumlibrary
  Downloading robotframework-appiumlibrary-2.1.0-py2.py3-none-any.whl.metadata (7.6 kB)
Collecting decorator>=3.2.2 (from robotframework-appiumlibrary)
  Downloading decorator-5.1.1-py3-none-any.whl.metadata (6.8 kB)
Requirement already satisfied: robotframework>=2.6.0 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from robotframework-appiumlibrary) (7.0.1)
Collecting docutils<0.21.2-py3-none-any.whl (5.8 kB)
  Downloading docutils-0.21.2-py3-none-any.whl.metadata (2.8 kB)
Collecting selenium<=4.16.0-py3-none-any.whl (6.9 kB)
  Downloading selenium-4.16.0-py3-none-any.whl.metadata (6.9 kB)
Collecting Appium-Python-Client<4.0.0,>=2.7.1 (from robotframework-appiumlibrary)
  Downloading Appium-Python-Client-3.2.1.1.tar.gz (13.4 MB)
  3.4/13.4 MB 1.9 MB/s eta 0:00:00
Installing build dependencies ... done
Getting requirements to build wheel ... done
Preparing metadata (pyproject.toml) ... done
Collecting kitchen<=1.2.6 (from robotframework-appiumlibrary)
  Downloading kitchen-1.2.6.tar.gz (255 kB)
  255.4/255.4 kB 459.3 kB/s eta 0:00:00
Installing build dependencies ... done
Getting requirements to build wheel ... done
Preparing metadata (pyproject.toml) ... done
Collecting six<=1.16.0-py2.py3-none-any.whl (1.8 kB)
  Downloading six-1.16.0-py2.py3-none-any.whl.metadata (1.8 kB)
Requirement already satisfied: urllib3<3,>=1.26 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from robotframework-appiumlibrary) (2.2.2)
Requirement already satisfied: trio<=0.17 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from selenium<=4.16,>=4.0->robotframework-appiumlibrary) (0.25.1)
Requirement already satisfied: trio-websocket<=0.9 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from selenium<=4.16,>=4.0->robotframework-appiumlibrary) (0.11.1)
Requirement already satisfied: certifi<=2021.10.8 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from selenium<=4.16,>=4.0->robotframework-appiumlibrary) (2024.6.2)
Requirement already satisfied: attrs<=23.2.0 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from selenium<=4.16,>=4.0->robotframework-appiumlibrary) (23.2.0)
Requirement already satisfied: sortedcontainers in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio<=0.17->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (2.4.0)
Requirement already satisfied: idna in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio<=0.17->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (3.7)
Requirement already satisfied: outcome in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio<=0.17->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (1.3.0.post8)
Requirement already satisfied: sniffio<=1.3.0 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio<=0.17->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (1.3.1)
Requirement already satisfied: wsproto<=0.14 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio-websocket<=0.9->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (1.2.0)
Requirement already satisfied: pycsdt<=1.5.2,<2.0,>=1.5.6 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from urllib3<3,>=1.26->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (1.7.1)
Requirement already satisfied: h11<=1.0.0 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from wsproto<=0.14->trio-websocket<=0.9->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (0.14.0)
Downloading robotframework-appiumlibrary-2.1.0-py2.py3-none-any.whl (38 kB)
  Downloading robotframework-appiumlibrary-2.1.0-py2.py3-none-any.whl (9.4 kB)
Downloading decorator-5.1.1-py3-none-any.whl (9.4 kB)
Downloading docutils-0.21.2-py3-none-any.whl (587 kB)
  587.0/587.0 kB 289.2 kB/s eta 0:00:00
Downloading selenium-4.16.0-py3-none-any.whl (18.0 MB)
  18.0/18.0 MB 1.8 MB/s eta 0:00:00
Downloading six-1.16.0-py2.py3-none-any.whl (11 kB)
Building wheels for collected packages: Appium-Python-Client, kitchen
Building wheel for Appium-Python-Client (pyproject.toml) ... done
Created wheel for Appium-Python-Client: filename=Appium_Python_Client-3.2.1-py3-none-any.whl size=37818 sha256=e92f83ab80128affb7ed6a28ee513aa791c9eb854ba17abe9da451c3c52e6
Stored in directory: /Users/shilpa@renee/Library/Caches/pip/wheels/21/61/ba/6a282e59f79fcd67e0fab081a88069d957a79f8b3931b
Building wheel for kitchen (pyproject.toml) ... done
Created wheel for kitchen: filename=kitchen-1.2.6-py3-none-any.whl size=72421 sha256=fa327617643bbcafd976a317c3252c8cf8b1a5d8fe42ef81a7efbe1979
Stored in directory: /Users/shilpa@renee/Library/Caches/pip/wheels/54/53/28/e3a12db0e1e4478d08fec0d784d3d81c28f44fca1b998225
Successfully built Appium-Python-Client kitchen
Installing collected packages: kitchen, six, docutils, decorator, selenium, Appium-Python-Client, robotframework-appiumlibrary
Attempting uninstall: selenium
Found existing installation: selenium 4.22.0
Uninstalling selenium-4.22.0:
Successfully uninstalled selenium-4.22.0
Successfully installed Appium-Python-Client-3.2.1 decorator-5.1.1 docutils-0.21.2 kitchen-1.2.6 robotframework-appiumlibrary-2.1.0 selenium-4.16.0 six-1.16.0
shilpa@renee@shilpa-MacBook-Pro: ~ % pip install robotframework-appiumlibrary
Requirement already satisfied: robotframework-appiumlibrary in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (2.1.0)
Requirement already satisfied: decorator>=3.2.2 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from robotframework-appiumlibrary) (5.1.1)
Requirement already satisfied: robotframework>=2.6.0 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from robotframework-appiumlibrary) (7.0.1)
Requirement already satisfied: docutils<=0.21.2-py3-none-any.whl (5.8 kB) in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from robotframework-appiumlibrary) (0.21.2)
Requirement already satisfied: selenium<=4.16.0-py3-none-any.whl (6.9 kB) in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from robotframework-appiumlibrary) (4.16.0)
Requirement already satisfied: Appium-Python-Client<4.0.0,>=2.7.1 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from robotframework-appiumlibrary) (3.2.1)
Requirement already satisfied: kitchen<=1.2.6 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from robotframework-appiumlibrary) (1.2.6)
Requirement already satisfied: six<=1.16.0 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from robotframework-appiumlibrary) (1.16.0)
Requirement already satisfied: urllib3<3,>=1.26 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from selenium<=4.16,>=4.0->robotframework-appiumlibrary) (2.2.2)
Requirement already satisfied: trio<=0.17 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from selenium<=4.16,>=4.0->robotframework-appiumlibrary) (0.25.1)
Requirement already satisfied: trio-websocket<=0.9 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from selenium<=4.16,>=4.0->robotframework-appiumlibrary) (0.11.1)
Requirement already satisfied: certifi<=2021.10.8 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from selenium<=4.16,>=4.0->robotframework-appiumlibrary) (2024.6.2)
Requirement already satisfied: attrs<=23.2.0 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from selenium<=4.16,>=4.0->robotframework-appiumlibrary) (23.2.0)
Requirement already satisfied: sortedcontainers in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio<=0.17->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (2.4.0)
Requirement already satisfied: idna in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio<=0.17->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (3.7)
Requirement already satisfied: outcome in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio<=0.17->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (1.3.0.post8)
Requirement already satisfied: sniffio<=1.3.0 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio-websocket<=0.9->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (1.3.1)
Requirement already satisfied: wsproto<=0.14 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from trio-websocket<=0.9->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (1.2.0)
Requirement already satisfied: pycsdt<=1.5.2,<2.0,>=1.5.6 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from urllib3<3,>=1.26->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (1.7.1)
Requirement already satisfied: h11<=1.0.0 in /Library/Frameworks/Python.framework/Versions/3.12/lib/python3.12/site-packages (from wsproto<=0.14->trio-websocket<=0.9->selenium<=4.16,>=4.0->robotframework-appiumlibrary) (0.14.0)
shilpa@renee@shilpa-MacBook-Pro: ~ %
```

4. Install Appium Gui

5. Install Appium Inspector

6. Install robot framework

Pip install robotframework

7. Install robotframework Appium library

Pip install robotframework-appiumlibrary

Steps to run the test:

1. Start Appium server

2. To run the test:

robot TestCases/open_app..robot

Code

Open_app.robot:

```
*** Settings ***
Library      AppiumLibrary

*** Test Cases ***
Open_App
```

```

    Open Application      http://localhost:4723/wd/hub    platformVersion=12
platformName=Android    appPackage=com.practo.fabric
appActivity=com.practo.fabric.LauncherAlias    automationName=Appium
    wait until element is visible    com.practo.fabric:id/login_help    20
    Click Element    com.practo.fabric:id/login_help

    wait until element is visible    com.practo.fabric:id/card_button    10
    Click Element    com.practo.fabric:id/card_button

Login_test
    wait until element is visible    com.practo.fabric:id/email_edit_text    10
    Input text    com.practo.fabric:id/email_edit_text
mobile.practo+consult1@gmail.com
    Input text    com.practo.fabric:id/password_edit_text    practo@321
    click element    com.practo.fabric:id/continue_button

    # wait until element is visible
com.android.permissioncontroller:id/permission_deny_button    10
    # click element    com.android.permissioncontroller:id/permission_deny_button
Close_popup
    wait until element is visible    com.practo.fabric:id/close    15
    click element    com.practo.fabric:id/close

Search_for_dentist
    wait until element is visible
com.practo.fabric:id/home_search_bar_text_view    10
    click element    com.practo.fabric:id/home_search_bar_text_view
    wait until element is visible
//android.widget.EditText[@resource-id="com.practo.fabric:id/search_bar"]
10
    input text
//android.widget.EditText[@resource-id="com.practo.fabric:id/search_bar"]
dentist

Select_from_suggestions
    wait until element is visible
//androidx.recyclerview.widget.RecyclerView[@resource-id="com.practo.fabric:id
/recycler_view_list"]/android.view.ViewGroup[1]/android.widget.LinearLayout/an
droid.widget.LinearLayout    10
    click element
//androidx.recyclerview.widget.RecyclerView[@resource-id="com.practo.fabric:id
/recycler_view_list"]/android.view.ViewGroup[1]/android.widget.LinearLayout/an
droid.widget.LinearLayout

    wait until element is visible    //android.view.View[@content-desc="Book
In-clinic Appointment. Book an appointment with a top dentist"]
    click element    //android.view.View[@content-desc="Book In-clinic
Appointment. Book an appointment with a top dentist"]

```

```

Sselect_doctor_card
    wait until element is visible
com.practo.fabric:id/layout_item_listing_doctor_card_info 10
    click element    com.practo.fabric:id/layout_item_listing_doctor_card_info

Select_slot
    wait until element is visible    com.practo.fabric:id/text_view_all_slots
10
    click element    com.practo.fabric:id/text_view_all_slots
    wait until element is visible    com.practo.fabric:id/slot_info 10
    click element    com.practo.fabric:id/slot_info

```

Exploratory scenarios:

1. Order medicines card can be added on the homepage to make it easier to navigate to the section.
2. Display a list of insurance Suggestions in my insurances .
3. Add more languages to the preferred languages options as there is only one option.