

## **Struktur PDF Tugas Sesi 14 – Advanced Mobile Testing with Appium**

### **1. Cover Page**

- Judul: Tugas Sesi 14 – Advanced Mobile Testing with Appium
- Nama: Cheps
- Kelas: Digital Skola – QA Automation
- Tanggal: 02 November 2025
- <https://github.com/chebsneo/Rpoject-Sesi-14-Advanced-Mobile-Testing-with-Appium>

### **2. Link GitHub Project**

- Judul: Link Repository GitHub
- Isi:
- <https://github.com/chebsneo/Rpoject-Sesi-14-Advanced-Mobile-Testing-with-Appium>

### **• 3. Deskripsi Test Scenario**

- Judul: Deskripsi Test Scenario
- Isi:
  - Navigasi ke: App > Alert Dialogs > Text Entry Dialog
  - Isi field:
    - Name: ChepsQA
    - Password: 123456
  - Klik tombol OK

### **4. Screenshot Output CMD**

- Judul: Hasil Eksekusi Test di Terminal
- Screenshot:

- Tampilkan hasil npm run test

```
Execution of 1 workers started at 2025-11-02T02:26:12.569Z

2025-11-02T02:26:12.579Z INFO @wdio/cli:launcher: Run onPrepare hook
2025-11-02T02:26:12.581Z INFO @wdio/cli:launcher: Run onWorkerStart hook
2025-11-02T02:26:12.582Z INFO @wdio/cli:launcher: Start worker 0-0 with arg: run,wdio.conf.js
[0-0] 2025-11-02T02:26:13.901Z Open file in editor (ctrl + click) run: Run worker command: run
[0-0] RUNNING in Android - file:///C:/Users/Cheps%20Neo/Documents/tugas%20QA/sesi-14/test/appdemo.test.js
[0-0] 2025-11-02T02:26:14.072Z INFO webdriver: Initiate new session using the WebDriver protocol
[0-0] 2025-11-02T02:26:14.072Z INFO @wdio/utils: Connecting to existing driver at http://localhost:4723/
[0-0] 2025-11-02T02:26:14.158Z INFO webdriver: [POST] http://localhost:4723/session
[0-0] 2025-11-02T02:26:14.158Z INFO webdriver: DATA {
[0-0]   capabilities: {
[0-0]     alwaysMatch: {
[0-0]       platformName: 'Android',
[0-0]       'appium:deviceName': 'emulator-5554',
[0-0]       'appium:platformVersion': '11',
[0-0]       'appium:automationName': 'UiAutomator2',
[0-0]       'appium:appPackage': 'io.appium.android.apis',
[0-0]       'appium:appActivity': '.ApiDemos',
[0-0]       'appium:noReset': false
[0-0]     },
[0-0]     firstMatch: [ {} ]
[0-0]   },
[0-0]   desiredCapabilities: {
[0-0]     platformName: 'Android',
[0-0]     'appium:deviceName': 'emulator-5554',
[0-0]     'appium:platformVersion': '11',
[0-0]     'appium:automationName': 'UiAutomator2',
[0-0]     'appium:appPackage': 'io.appium.android.apis',
[0-0]     'appium:appActivity': '.ApiDemos',
[0-0]     'appium:noReset': false
[0-0]   }
[0-0] }
[0-0] 2025-11-02T02:26:17.188Z INFO webdriver: COMMAND findElement("xpath", "//android.widget.TextView[@content-desc='Views']")
[0-0] 2025-11-02T02:26:17.189Z INFO webdriver: [POST] http://localhost:4723/session/f07c7835-ff5b-487d-bef8-dcb31e90f477/element
```

Pastikan terlihat status 1 passing, waktu eksekusi, dan Session ID

```
PS C:\Users\Cheps Neo\Documents\tugas QA\sesi-14> npm run test
ent/0000000-0000-0037-ffff-ffff0000021/click
[0-0] 2025-11-02T02:26:23.204Z INFO webdriver: RESULT null
[0-0] 2025-11-02T02:26:23.208Z INFO webdriver: COMMAND executeScript("mobile: terminateApp", <object>
[0-0] 2025-11-02T02:26:23.209Z INFO webdriver: [POST] http://localhost:4723/session/f07c7835-ff5b-487d-bef8-dcb31e90f477/exec
ute.sync
[0-0] 2025-11-02T02:26:23.209Z INFO webdriver: DATA {
[0-0]   script: 'mobile: terminateApp',
[0-0]   args: [ { appId: 'io.appium.android.apis' } ]
[0-0] }
[0-0] 2025-11-02T02:26:23.513Z INFO webdriver: RESULT true
[0-0] 2025-11-02T02:26:24.520Z INFO webdriver: COMMAND executeScript("mobile: activateApp", <object>
[0-0] 2025-11-02T02:26:24.520Z INFO webdriver: [POST] http://localhost:4723/session/f07c7835-ff5b-487d-bef8-dcb31e90f477/exec
ute.sync
[0-0] 2025-11-02T02:26:24.521Z INFO webdriver: DATA {
[0-0]   script: 'mobile: activateApp',
[0-0]   args: [ { appId: 'io.appium.android.apis' } ]
[0-0] }
[0-0] 2025-11-02T02:26:24.700Z INFO webdriver: RESULT null
[0-0] 2025-11-02T02:26:24.702Z INFO webdriver: COMMAND deleteSession()
[0-0] 2025-11-02T02:26:24.703Z INFO webdriver: [DELETE] http://localhost:4723/session/f07c7835-ff5b-487d-bef8-dcb31e90f477
[0-0] 2025-11-02T02:26:25.216Z INFO webdriver: RESULT null
[0-0] PASSED in Android - file:///C:/Users/Cheps%20Neo/Documents/tugas%20QA/sesi-14/test/appdemo.test.js
2025-11-02T02:26:25.350Z INFO @wdio/cli:launcher: Run onWorkerEnd hook
2025-11-02T02:26:25.350Z INFO @wdio/cli:launcher: Run onComplete hook

"spec" Reporter:
-----
[Android #0-0] Running: on Android
[Android #0-0] Session ID: f07c7835-ff5b-487d-bef8-dcb31e90f477
[Android #0-0]
[Android #0-0] » test\appdemo.test.js
[Android #0-0] Appium DEMO App
[Android #0-0]   ✓ Scroll down
[Android #0-0]
[Android #0-0] 1 passing (8s)

Spec Files:      1 passed, 1 total (100% completed) in 00:00:12
```

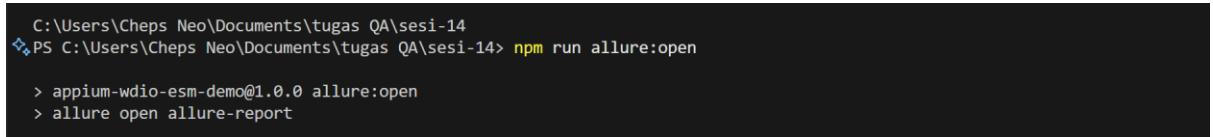
## 5. Screenshot Allure Report

- Hasil Allure ; npm run allure:generate



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS  
PS C:\Users\Cheps Neo\Documents\tugas QA\sesi-14> npm run allure:generate  
> appium-wdio-esm-demo@1.0.0 allure:generate  
> allure generate allure-results -o allure-report
```

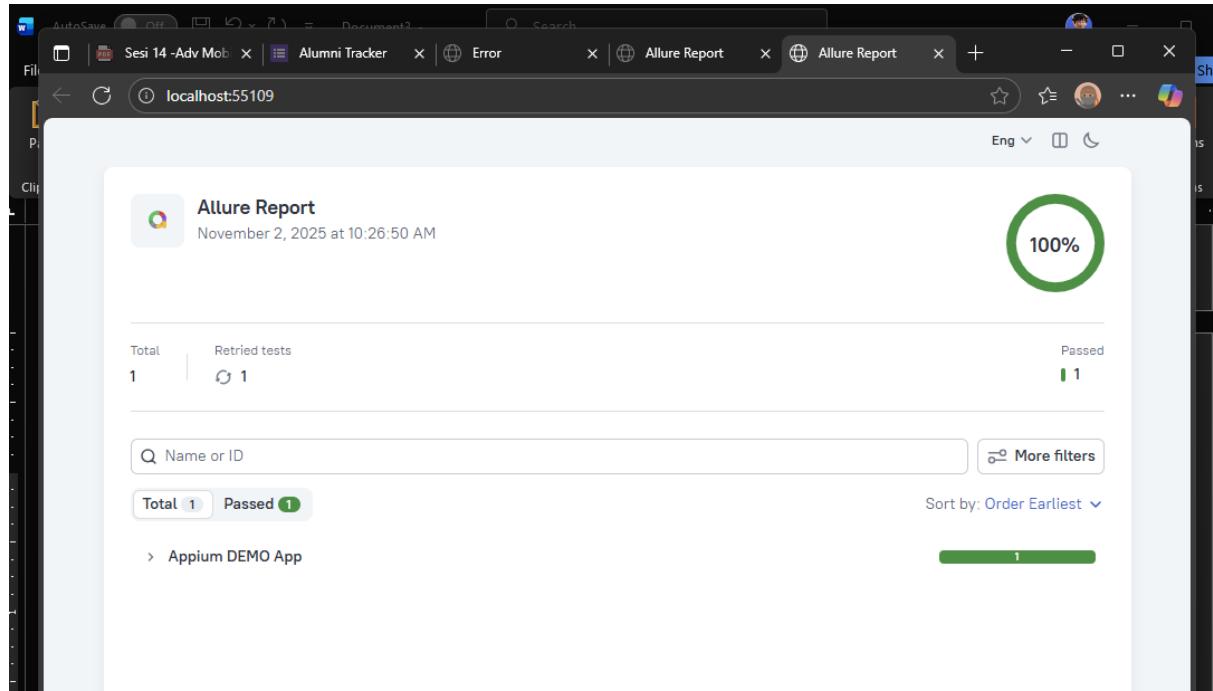
- Hasil Allure ; npm run allure:open



```
C:\Users\Cheps Neo\Documents\tugas QA\sesi-14  
PS C:\Users\Cheps Neo\Documents\tugas QA\sesi-14> npm run allure:open  
> appium-wdio-esm-demo@1.0.0 allure:open  
> allure open allure-report
```

- Judul: Hasil Report Allure di Browser
- Screenshot:

Tampilan Allure di browser (localhost:xxxx) ;



Tampilkan nama test, waktu eksekusi, dan status Passed;

```

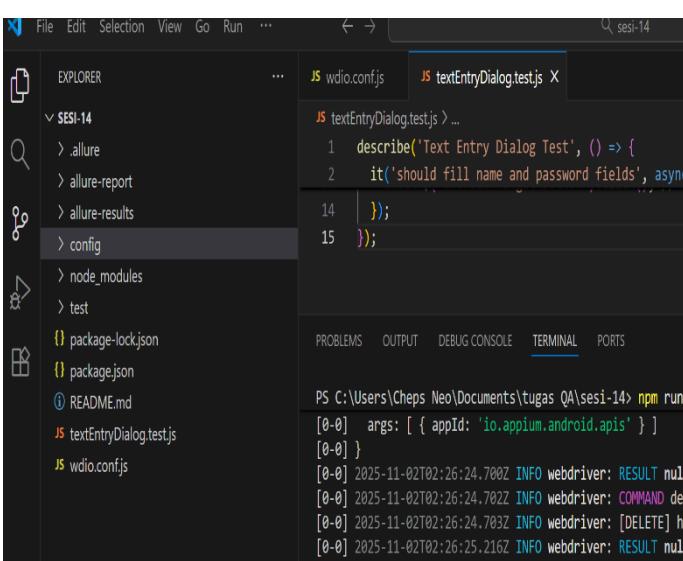
"spec" Reporter:
-----
[Android #0-0] Running: on Android
[Android #0-0] Session ID: f07c7835-ff5b-487d-bef8-dcb31e90f477
[Android #0-0]
[Android #0-0] » test\appdemo.test.js
[Android #0-0] Appium DEMO App
[Android #0-0]   ✓ Scroll down
[Android #0-0]
[Android #0-0] 1 passing (8s)

Spec Files: 1 passed, 1 total (100% completed) in 00:00:12

```

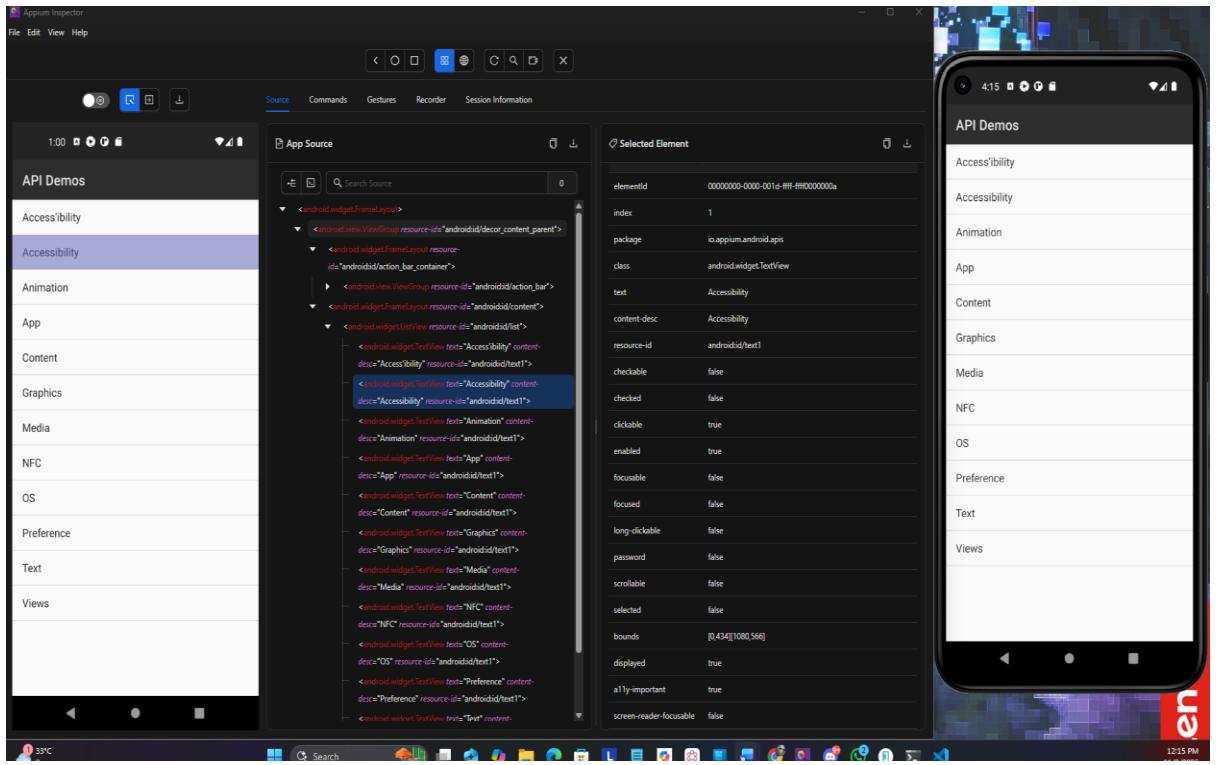
## 6. Struktur Folder Project

Judul: Struktur Folder Project

<ul style="list-style-type: none"> <li>• Screenshot atau list:</li> <li>• sesi-14/</li> <li>• allure</li> <li>• allure-report</li> <li>• allure-results</li> <li>• config</li> <li>• node_modules</li> <li>• test</li> <li>• package-lock.json</li> <li>• package.json</li> <li>• README.md</li> <li>• textEntryDialog.test.js</li> <li>• wdio.conf.js</li> </ul>	 <p>The screenshot shows a code editor interface with the following details:</p> <ul style="list-style-type: none"> <li><b>File Explorer:</b> Shows a project structure with folders like .allure, allure-report, allure-results, config, node_modules, test, and files like package-lock.json, package.json, README.md, textEntryDialog.test.js, and wdio.conf.js.</li> <li><b>Code Editor:</b> Displays a JavaScript test file named textEntryDialog.test.js. The code contains a describe block for a 'Text Entry Dialog Test' and an it block for 'should fill name and password fields'. Lines 14 and 15 are shown as closing brackets for the blocks.</li> <li><b>Terminal:</b> Shows command-line output from an npm run session, including arguments for app ID and logs for webdriver interactions.</li> </ul>
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## 7. Penutup

- Judul: Catatan
- Isi:
  - Semua test dijalankan menggunakan emulator Android 11



- Appium Server dijalankan dengan flag --allow-cors

```
C:\Users\Cheps Neo>appium --allow-cors
[Appium] Welcome to Appium v3.1.0
[Appium] Non-default server args:
[Appium] {
  allowCors: true
}
[Appium] The autodetected Appium home path: C:\Users\Cheps Neo\.appium
[Appium] Attempting to load driver uiautomator2...
[Appium] Requiring driver at C:\Users\chebs Neo\.appium\node_modules\appium-uiautomator2-driver\build\index.js
[Appium] AndroidUiautomator2Driver has been successfully loaded in 0.437s
[Appium] You have enabled CORS requests from any host. Be careful not to visit sites which could maliciously try to start Appium sessions on your machine
[Appium] Appium REST http interface listener started on http://0.0.0.0:4723
[Appium] You can provide the following URLs in your client code to connect to this server:
  http://192.168.144.1:4723/
  http://192.168.88.1:4723/
  http://192.168.1.8:4723/
  http://127.0.0.1:4723/ (only accessible from the same host)
[Appium] Available drivers:
[Appium] - uiautomator2@6.0.2 (automationName 'UiAutomator2')
[Appium] No plugins have been installed. Use the "appium plugin" command to install the one(s) you want to use.
[HTTP] --> POST /session {"capabilities":{"alwaysMatch":{"platformName": "Android", "appium:udid": "emulator-5554", "appium:appActivity": ".ApiDemos", "appium:appPackage": "io.appium.android.apis", "appium:automationName": "uiautomator2", "appium:autoGrantPermissions": true, "appium:noReset": false, "appium:ignoreHiddenApiPolicyError": true, "appium:enableAnimations": true, "appium:ensureWebviewsHavePages": true, "appium:nativeWebScreenshot": true, "appium:newCommandTimeout": 3600, "appium:connectHardwareKeyboard": true}, "firstMatch": [{"}}]}
```

- Inspector digunakan untuk mendapatkan locator elemen

