Automation Assignment Submission – ABC Company

# Part 1: Test Case Summary

Test Case 1: Validate Attendance Report Filter

• Verify that user can navigate to HR > My Attendance

• Ensure From Date and To Date inputs are accepted (within 1 month range)

• Filter by Status: On Leave

• Validate if search results appear properly

• Take screenshot of results

Test Case 2: Check-IN & Leave Application Creation

• Navigate to HR > Check-IN and complete the process

• Navigate to HR > Leave Application

• Create new leave application with required fields (e.g., Leave Type, Status, Apply Date)

• Take screenshot of confirmation

# Part 2: Appium Automation Script (Python)

from appium import webdriver  
from appium.webdriver.common.appiumby import AppiumBy  
import time  
  
desired\_caps = {  
 "platformName": "Android",  
 "deviceName": "Android Emulator",  
 "appPackage": "com.example.leaveapp",  
 "appActivity": "com.example.leaveapp.MainActivity",  
 "automationName": "UiAutomator2"  
}  
  
driver = webdriver.Remote("http://localhost:4723/wd/hub", desired\_caps)  
time.sleep(3)  
  
# Input Name  
name\_field = driver.find\_element(AppiumBy.XPATH, "//android.widget.EditText[@text='Search...']")  
name\_field.send\_keys("Nahid")  
  
# Filter by Status: Applied  
status\_dropdown = driver.find\_element(AppiumBy.XPATH, "//android.widget.TextView[@text='Status']")  
status\_dropdown.click()  
driver.find\_element(AppiumBy.XPATH, "//android.widget.TextView[@text='Applied']").click()  
  
# Input Apply Date  
date\_field = driver.find\_element(AppiumBy.XPATH, "//android.widget.EditText[@text='Apply Date']")  
date\_field.send\_keys("04/08/2025")  
  
# Filter by Leave Type: Annual Leave  
leave\_type\_dropdown = driver.find\_element(AppiumBy.XPATH, "//android.widget.TextView[@text='Leave Type']")  
leave\_type\_dropdown.click()  
driver.find\_element(AppiumBy.XPATH, "//android.widget.TextView[@text='Annual Leave']").click()  
  
time.sleep(2)  
driver.quit()

# Screenshot

