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1  # Project Overview
2  A simple PyQt5 application demonstrating basic UI controls (buttons, checkboxes, combo
   boxes, radio buttons, text boxes) with PyWinAuto automation testing
3
4  # List of dependencies
5  1. Python Interpreter(Version 3 or higher)
6  2. Java version 8 or above
7  3. Allure Report CLI
8  4. PyQt5
9  5. pywinauto
10 6. pytest
11 7. allure-pytest
12 8. Pillow
13
14 # Steps to install necessary python packages using terminal
15 1. <path-to-python-executable> -m pip install --upgrade pip setuptools wheel
16 2. <path-to-python-executable> -m pip install PyQt5 pywinauto pywin32 pytest
   allure-pytest Pillow
17
18 # How to Run the Application
19 Run "python Application.py" to launch the demo GUI using terminal
20
21 # Running Tests
22 Use PyWinAuto_Automation_Testing.py to automate interaction with the application.
23 Steps:
24 1. Assign python executable path in PYTHON_EXE variable and launch the app manually or
   via script.
25 2. Run "<path-to-python-executable> -m pytest PyWinAuto_Automation_Testing.py
   --alluredir=allure-results" to connect and inspect controls.
26 3. Generate and view the Allure report using command "allure serve allure-results"
27 4. To close the report press "CTRL+C" in terminal and press "Y" to terminate and close
   from the browser
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