Selenium

1. Introduction
2. Selenium WebDriver
   * What is WebDriver
   * Architecture of WebDriver
   * Basics Of WebDriver
   * Selenium 3 and Selenium 4 Differences
   * Driver classes for Different Browsers
   * Setting up WebDriver with python
3. HTML
4. Finding elements using Locators
   * Types of Locators and usage (ID, Name, Class, CSS, Xpath, link text)
   * Handling dynamic elements
5. Synchronization
   * Implicit wait, explicit wait, custom-expected condition.
6. Selenium API
7. Working with elements
   * Interaction : Browser interactions, TextBox, Text Area, Buttons, Radio Buttons, Check box, tool-tip interaction)
   * Mouse / Keyboard actions
   * Handling pop-ups
   * Handling dropdown list
   * Screenshot
   * Cookies
   * Webdriver events
8. Working with Alerts, frames and windows
9. Data driven Testing using python
10. Cross Browser testing
11. Selenium Grid
12. POM
13. Framework
    * What is framework
    * Types of framework
14. Pytest
    * Setup
    * Markers
    * Fixtures
    * Conftest
    * Xfail/skip
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15. Pilot Project