Mobile testing Automation using Appium Framework
Type: Type 2
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Background:
Appium is an open-source tool for automating native, mobile web, and hybrid applications on iOS and Android platforms. Native apps are those written using the iOS, Android, or Windows SDKs. Mobile web apps are web apps accessed using a mobile browser. Hybrid apps have a wrapper around a webview which is nothing but a native control that enables interaction with web content. Projects like Phonegap, make it easy to build apps using web technologies that are then bundled into a native wrapper, creating a hybrid app. It has NO dependency on Mobile device OS. Because, APPIUM has framework or wrapper that translate Selenium Webdriver commands into UIAutomation (iOS) or UIAutomator (Android) commands depending on the device type not any OS type.

Overview of the hands-on project (for Type 2).
The goal of the project is to automate various GUI elements of a mobile app, automated testing of interactive content of different mobile apps. We are taking facebook as a subject for our testing. We are going to create testcases like login, post status, delete status, logout. We are going to automate the testing of these usecases using the Appium framework on android and iOS.