Selenium

Id

Name

linkText

partialLinkText

TagName

Class

driver.findElement(locator)

Tablets Table – linkText()

Submit Send – partialLinkText()

* TagName & Class: used for group of webelements

We always prefer linkText() over partialLinkText().

partialLinkText() is prefered when we hve a single link on the page.

• TagName & Class: used for group of webelements

• findElement(): returns a particlar/single webelement

• findElements(): returns a group/multiple webelement => Variable type used List or Set. Return Type: List.

List Element allows duplicates. Set doesn't allow diplicates.

• To find total elements in list use size() method.

findElement() - single webelement

findElements() - multiple webelement

Scenario 1: Locator matching with single webelement

findElement(loc) -> single webelement; Return type: WebElement

findElements(loc) -> single webelement; Return type: List<WebElement>

Scenario 2: Locator matching with multiple webelement

findElement(loc) -> single webelement; Return type: WebElement

findElements(loc) -> multiple webelement; Return type: List<WebElement>

Scenario 3: Locator is not matching with any element/s.

findElement(loc) -> No Such Element Exception.

findElements(loc) -> will not throw any exception. Returns 0. // this will create empty list collection if there are no elements.

**CSS Selector**

CSS – Cascading Style Sheets

1. Tag id -> tag#id
2. Tag class -> tag.class
3. Tag attribute -> tag[attribute=”value”]
4. Tag class attribute -> tag.classname[attribute=”value”]

**XPath Locators**