

By.linkText()

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
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
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
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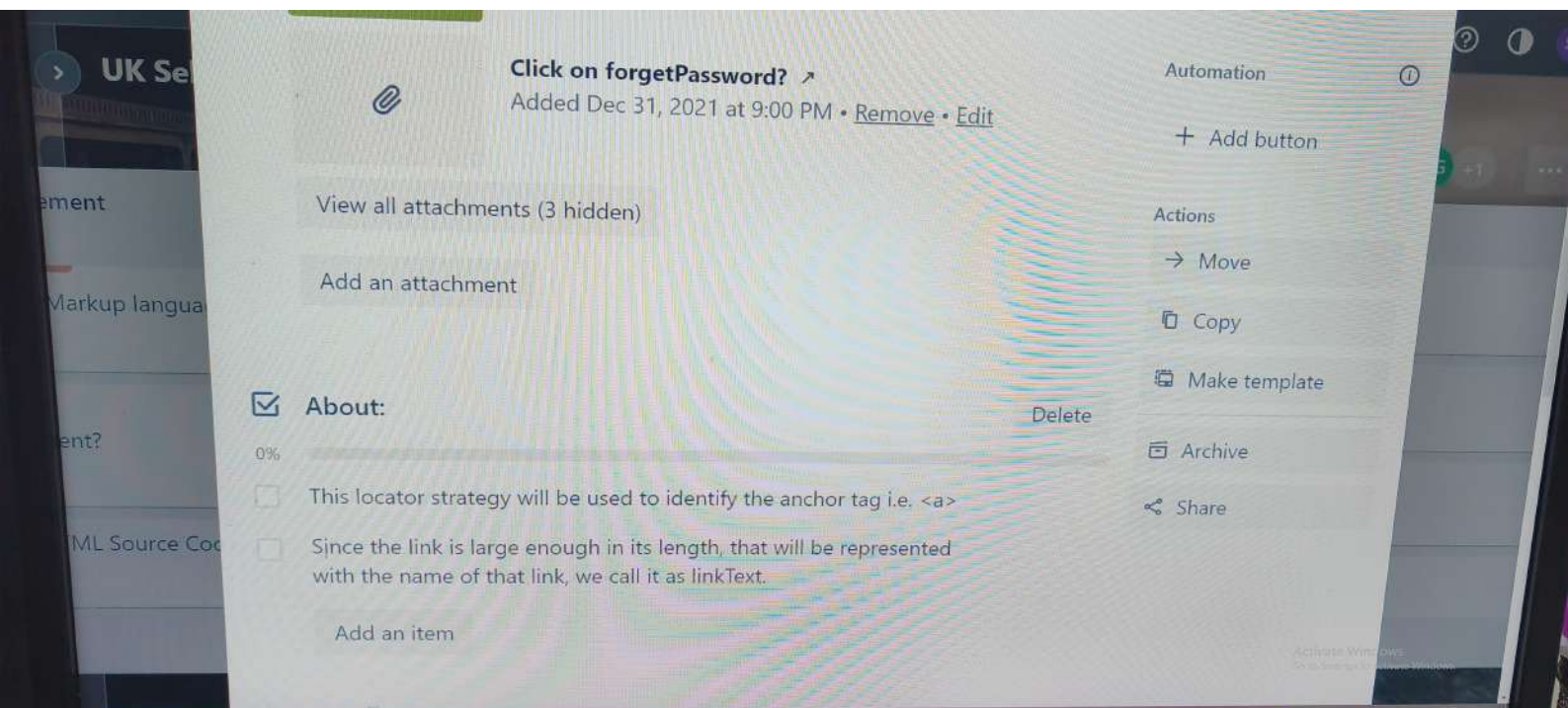
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
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By.partialLinkText()

in list [Locators](#)

Notifications

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☒ About:

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- ☐ Here also link will be stored within the anchor tag-i.e. `<a>`, but the name of the link is dynamic in nature this leads to the usage of `By.partialLinkText()` locator.


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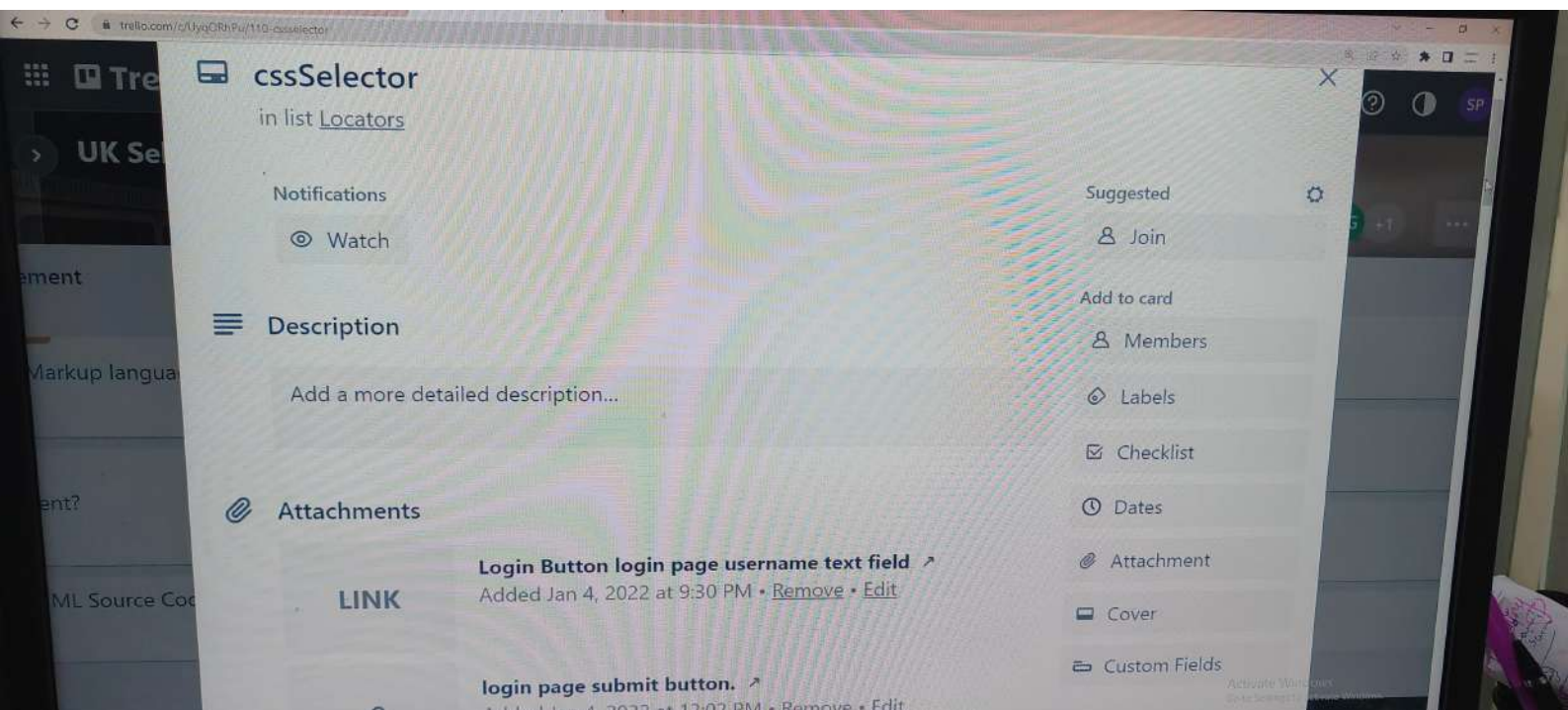
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☒ Introduction:

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- ☐ CSS Stands for cascading style sheets. It is a language which is used to apply styling to the WebElements like :-
- ☐ Decorating the group of text with same color, font face, style, etc.
- ☐ Applying the background color for group of buttons.
- ☐ Applying the mouse hovering color for group of elements, etc.
- ☐ CSS is embedded along with HTML.
- ☐ Css Selector is a query language which is used in css to identify group of elements in HTML on which we can apply common styling.
- ☐ As in automation also we need to identify the webelements by using css Selector.
- ☐ Whenever the source code of the WebElement doesn't have id, name and class attributes and if the webelement is not link text then to search that element we should use css Selector.

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- ☐ Whenever the source code of the WebElement doesn't have id, name and class attributes and if the webelement is not link text then to search that element we should use css Selector.
- ☐ Syntax: **tagName[attributeName='attributeValue']**
- ☐ Ex 01: `input[type='submit']`
- ☐ `button[id='btn1']`
- ☐ `input[class='textField']`

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☒ Disadvantage of cssSelector:-

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- ☐ CSS Selector doesn't support text function (i.e if the source code of the webelement is not having any attributes just the text then we cannot use css selector).

- ☐ Usage Ex:
`driver.findElement(By.cssSelector("input[type='text']").sendKeys("ad min");`

- ☐ We cannot perform backward traversing using cssSelector.

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☒ Advantage of cssSelector:-

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- ☐ It is faster compared to xpath.

☒ Advantage of cssSelector:-

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- ☐ It is faster compared to xpath.
- ☐ We can identify shadow (Document Object Model)DOM elements also using cssSelector.

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☒ What is an InvalidSelectorException?

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- ☐ It is an unchecked Exception of Selenium which will occur when syntax of css Selector or xpath is incorrect.
- ☐ NOTE: It is a best practice to verify the css and xpath expressions in the browser itself before using it in the Automation Script.
- ☐ **1) To verify the expressions in Chrome.**
- ☐ Inspect the Target element.

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☒ Introduction

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- ☐ Locators are the search criteria through which we can find the elements in the webpage.
- ☐ Locators are also called as Selectors.
- ☐ Selenium provides 8 Locators Strategies to find the element in the webpage they are:
 - ☐ 1) **id**
 - ☐ 2) **name**
 - ☐ 3) **className**
 - ☐ 4) **linkText**
 - ☐ 5) **partialLinkText**
 - ☐ 6) **tagName**
 - ☐ 7) **cssSelector**
 - ☐ 8) **xpath**

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☐ To use all the static methods we should use it in `findElement()` or `findElements()` as shown below:

- ☐ `By.id("idvalue");`
- ☐ `By.name("namevalue");`
- ☐ `By.className("classvalue");`
- ☐ `By.tagName("tagname");`
- ☐ `By.linkText("fulllinktext");`
- ☐ `By.partialLinkText("full or Partial Link Text");`
- ☐ `By.cssSelector("cssExpression");`
- ☐ `By.xpath("Xpath Expression");`

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☒ What is `findElement()` ...?

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