1. Declare a new window by OpenNav

var EditNewsPage = Dashboard.OpenByNav<AdminNews>(this, false, true);

1. Open a new window by URL

var systemSettings = new AdminSystemSettings(this);

systemSettings.Open(AdminSystemSettings.URL);

1. Set text to input field

var newsTitle = Driver.FindElement(By.Id("Title"));

newsTitle.Click();

newsTitle.Clear();

newsTitle.SendKeys(title);

1. Select options from drop down list

new SelectElement(newsPageExpire.FindElement(By.Id("cStatus"))).SelectByText("Expired News");

1. Verify the option value from drop down list

using OpenQA.Selenium.Support.UI;

IWebElement dropValue = Driver.FindElement(By.Id("Value"));

SelectElement selValue = new SelectElement(dropValue);

string displayValue = selValue.SelectedOption.Text;

1. Get content from list view

int Row\_count = Driver.FindElements(By.XPath("//\*[@id='EventGrid']/table/tbody/tr")).Count;

int Col\_count = Driver.FindElements(By.XPath("//\*[@id='EventGrid']/table/tbody/tr[1]/td")).Count;

//Divide xpath In three parts to pass Row\_count and Col\_count values.

string first\_part = "//\*[@id='EventGrid']/table/tbody/tr[";

string second\_part = "]/td[";

string third\_part = "]";

//Looping to find table cell values

var data = new string[Row\_count, Col\_count];

for (int i = 1; i <= Row\_count; i++)

{

 for (int j = 1; j <= Col\_count; j++)

 {

 string final\_xpath = first\_part + i + second\_part + j + third\_part;

 string Table\_data = Driver.FindElement(By.XPath(final\_xpath)).Text;

 Console.WriteLine(Table\_data);

 data[i-1, j-1] = Table\_data;

 }

 }

1. Checkbox

IWebElement checkBox = Driver.FindElement(By.XPath("//\*[@id='Value']"));

bool selected = checkBox.Selected;

1. Get Text

var reviewPageTitle = Driver.FindElement(By.CssSelector(".page\_title")).Text;

1. Assertion method

Assert.AreEqual(true, actualResult);

…

1. Open menu in Frontend

Frontend().Navigate().GoToUrl(SiteURL);

Frontend().OpenByMenuText("About Us", "Advanced Components", "News List");

1. Mouse over and click in the dropdown menu

using OpenQA.Selenium.Interactions;

Actions builder = new Actions(Driver); builder.MoveToElement(Driver.FindElement(By.CssSelector("span.cnticon.cnticon-actions-down"))).Click().Build().Perform();

Driver.FindElement(By.LinkText(configureWidget\_MenuOption)).Click();

1. Alert window from browser;

IAlert alert = Driver.SwitchTo().Alert();

alert.Accept();

or

alert.Dismiss();

1. Frontend -> Open menu

Frontend().Navigate().GoToUrl(SiteURL);

Frontend().OpenByMenuText("About Us", "Advanced Components", "News List");

1. Split the string into array

string[] stringSeparators = new string[] { "\" " };

var filenames = imageName.Split(stringSeparators, StringSplitOptions.None);

1. To use the dynamic JSON/CSV function –

For example, when import a business from csv file, we could use the element name as following - 

[TestCaseSourceVision(TestCaseSourceProviderType.CSVDynamic,

 null,

 @"BusinessDirectory\businesses-template.csv")]

 //public void ImportBusiness(dynamic businessData)

 public void ImportBusiness(dynamic businessData)

 {

 var dictionary = businessData as IDictionary<string, object>;

dictionary["Business Address"] => “Community’s service center”;

 businessData.City => “El Segundo”;

1. Dynamic array in C# -

List<Student> list = new List<Student>();

list.Add(new Student("bob"));

list.Add(new Student("joe"));

Student joe = list[1];

1. Count the number of elements that contain same title.

 int count1 = Driver.FindElements(By.CssSelector("a[title\*= 'Fire Station']")).Count; //Note: this testcase has to be run against new initialized server to get the accurate numbers.

1. Check if an array contains a value

string[] stringArray = { "text1", "text2", "text3", "text4" };

string value = "text3";

int pos = Array.IndexOf(stringArray, value);

if (pos > -1)

{

 // the array contains the string and the pos variable

 // will have its position in the array

}