Code for the above Scenario:

package JavaTesting;

import java.util.concurrent.TimeUnit;

import org.junit.Assert;

import org.openqa.selenium.By;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.Reporter;

import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Assessment {

@Test(priority = 0)

public void Dayweatherforecast()

{

ChromeDriver driver = new ChromeDriver();

WebDriverManager.chromedriver().setup();

driver.get("https://openweathermap.org/city/1277333");

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

Assert.assertEquals("weather", "weather", "weather");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

Reporter.log("Browser is opened");

driver.findElement(By.id("q")).sendKeys("Bengaluru");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.control-container > div.search-block > div.search > button")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.control-container > div.search-block > div.search > div > ul > li")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(1) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(2) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(3) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(4) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(5) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(6) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(7) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(8) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column1 > div.chart-component.block > div.full-container > div.chevron-container.right > svg")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

driver.close();

driver.quit();

}

@Test(priority = 1)

public void DayweatherforecastClickon8dayforecast()

{

ChromeDriver driver = new ChromeDriver();

WebDriverManager.chromedriver().setup();

driver.get("https://openweathermap.org/city/1277333");

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

Assert.assertEquals("weather", "weather", "weather");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

Reporter.log("Browser is opened");

driver.findElement(By.id("q")).sendKeys("Bengaluru");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.control-container > div.search-block > div.search > button")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.control-container > div.search-block > div.search > div > ul > li")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

driver.close();

driver.quit();

}

@Test(priority = 2)

public void DayweatherforecastClickonFridayforecast()

{

ChromeDriver driver = new ChromeDriver();

WebDriverManager.chromedriver().setup();

driver.get("https://openweathermap.org/city/1277333");

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

Assert.assertEquals("weather", "weather", "weather");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

Reporter.log("Browser is opened");

driver.findElement(By.id("q")).sendKeys("Bengaluru");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.control-container > div.search-block > div.search > button")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(3) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

driver.close();

driver.quit();

}

@Test(priority = 3)

public void ClickonPreciption()

{

ChromeDriver driver = new ChromeDriver();

WebDriverManager.chromedriver().setup();

driver.get("https://openweathermap.org/city/1277333");

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

Assert.assertEquals("weather", "weather", "weather");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

Reporter.log("Browser is opened");

driver.findElement(By.id("q")).sendKeys("Bengaluru");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.control-container > div.search-block > div.search > button")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column1 > div.chart-component.block > div.header-container > div > div > label.right")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

driver.close();

driver.quit();

}

@Test(priority = 4)

public void ClickonTemperature()

{

ChromeDriver driver = new ChromeDriver();

WebDriverManager.chromedriver().setup();

driver.get("https://openweathermap.org/city/1277333");

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

Assert.assertEquals("weather", "weather", "weather");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

Reporter.log("Browser is opened");

driver.findElement(By.id("q")).sendKeys("Bengaluru");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.control-container > div.search-block > div.search > button")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column1 > div.chart-component.block > div.header-container > div > div > label.left")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

driver.close();

driver.quit();

}

@Test(priority = 5)

public void DayweatherforecastClickonSundayforecast()

{

ChromeDriver driver = new ChromeDriver();

WebDriverManager.chromedriver().setup();

driver.get("https://openweathermap.org/city/1277333");

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

Assert.assertEquals("weather", "weather", "weather");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

Reporter.log("Browser is opened");

driver.findElement(By.id("q")).sendKeys("Bengaluru");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.control-container > div.search-block > div.search > button")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(4) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

driver.close();

driver.quit();

}

@Test(priority = 6)

public void DayweatherforecastClickonThursdayforecast()

{

ChromeDriver driver = new ChromeDriver();

WebDriverManager.chromedriver().setup();

driver.get("https://openweathermap.org/city/1277333");

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

Assert.assertEquals("weather", "weather", "weather");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

Reporter.log("Browser is opened");

driver.findElement(By.id("q")).sendKeys("Bengaluru");

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.control-container > div.search-block > div.search > button")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

driver.findElement(By.cssSelector("#weather-widget > div > div.column-container > div.column.column2 > div:nth-child(2) > div > ul > li:nth-child(8) > span")).click();

driver.manage().timeouts().implicitlyWait(50, TimeUnit.SECONDS);

System.out.println(driver.getTitle());

driver.close();

driver.quit();

}

}