**Editing a Vehicle:**

In order to edit a vehicle, we need to login first as an admin and click on vehicles and then manage vehicles. Sort the vehicles in descending order based on s.no. Click on the first vehicle (last added vehicle) and change the information. Here we are changing only vehicle title and fuel type. (Fuel type needs to be changed here as there is an error with the application and without changing the fuel types it won’t be saved). Then click on save button and verify the success message. Then move to account, logout and close browser.

**Test Case:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **testcase** | **teststep** | **keywords** | **Description** | **action class and OR** |
| TC18 | 1 | adminlogin | admin login functionality - open admin homepage and login | special function |
| TC18 | 2 | adminvehicles | Clcik on Vehicles | adminnavigation |
| TC18 | 3 | adminmanagevehicles | Clcik on Manage Vehicles | adminnavigation |
| TC18 | 4 | vehiclesortdescendingno | Click on sorting vehicle by s.no | managevehicles |
| TC18 | 5 | adminclickeditvehicle | Click on the edit icon on manage vehicles page | managevehicles |
| TC18 | 6 | admineditvehicletitle | edit vehicle title | managevehicles |
| TC18 | 7 | admineditfueltype | Edit fuel type | managevehicles |
| TC18 | 8 | adminsubmiteditvehicle | click on save button | managevehicles |
| TC18 | 9 | admingetsuccessmsgaftereditvehicle | Verify the success message after editing vehicle | managevehicles |
| TC18 | 10 | adminmovetoaccount | Admin move to account area | adminlogin |
| TC18 | 11 | adminclicklogout | Admin click on logout | adminlogin |
| TC18 | 12 | adminclosebrowser | Close browser | adminlogin |

The above the keywords for the test case. The keywords for which we have already developed the action class and object repository are highlighted in green color. So, we have to develop for the other ones.

**managevehiclesOR.java object repository:**

**package** objectrepository;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.support.ui.ExpectedConditions;

**import** org.openqa.selenium.support.ui.WebDriverWait;

**public** **class** managevehiclesOR {

WebDriver driver;

**public** managevehiclesOR(WebDriver driver){

**this**.driver = driver;

}

**public** WebElement vehiclesortdescendingno() {

WebElement sortdescendingno = driver.findElement(By.*xpath*("//table[@id='zctb']/thead/tr/th[1]"));

**return** sortdescendingno;

}

**public** WebElement admindeletevehcile() {

WebElement vehicledelete = driver.findElements(By.*cssSelector*(".fa.fa-close")).get(0);

**return** vehicledelete;

}

**public** WebElement admingetsuccessmsgafterdeletevehicle() {

WebDriverWait wait = **new** WebDriverWait(driver,30);

wait.until(ExpectedConditions.*visibilityOfElementLocated*(By.*cssSelector*(".succWrap")));

WebElement successmsg = driver.findElement(By.*cssSelector*(".succWrap"));

**return** successmsg;

}

**public WebElement adminclickeditvehicle() {**

**WebElement editvehicleelement = driver.findElements(By.*cssSelector*(".fa.fa-edit")).get(0);**

**return editvehicleelement;**

**}**

**public WebElement admineditvehicletitle() {**

**WebElement vehicletitleelement = driver.findElement(By.*xpath*("//input[@name='vehicletitle']"));**

**return vehicletitleelement;**

**}**

**public WebElement admineditfueltype() {**

**driver.findElements(By.*cssSelector*(".btn.dropdown-toggle.btn-default")).get(1).click();**

**WebElement fueltypes = driver.findElements(By.*cssSelector*(".dropdown-menu.inner")).get(1);**

**return fueltypes;**

**}**

**public WebElement adminsubmiteditvehicle() {**

**WebElement submiteditvehicle = driver.findElement(By.*cssSelector*(".btn.btn-primary"));**

**return submiteditvehicle;**

**}**

**public WebElement admingetsuccessmsgaftereditvehicle() {**

**WebElement successmessage = driver.findElement(By.*cssSelector*(".succWrap"));**

**return successmessage;**

**}**

}

**managevehicles.java action class:**

**package** actions;

**import** java.util.List;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.testng.Assert;

**public** **class** managevehicles {

WebDriver driver;

**public** managevehicles(WebDriver driver){

**this**.driver = driver;

}

**public** **void** vehiclesortdescendingno(WebElement descendingelement) **throws** InterruptedException {

descendingelement.click();

//Thread.sleep(3000);

}

**public** **void** admindeletevehcile(WebElement deletebrandelement) {

deletebrandelement.click();

}

**public** **void** adminconfirmdeletevehcile() {

driver.switchTo().alert().accept();

}

**public** **void** admingetsuccessmsgafterdeletevehicle(WebElement succmsg) {

String successmsg = succmsg.getText();

System.***out***.println(successmsg);

Assert.*assertEquals*(successmsg, "SUCCESS:Vehicle record deleted successfully");

System.***out***.println("Vehicle deleted successfully");

}

**public void adminclickeditvehicle(WebElement editvehicleelement) {**

**editvehicleelement.click();**

**}**

**public void admineditvehicletitle(WebElement vehicletitleelement) {**

**vehicletitleelement.sendKeys(" example");**

**}**

**public void admineditfueltype(WebElement fueltypes) {**

**String fueltype = "CNG";**

**List<WebElement> fueltypes\_li = fueltypes.findElements(By.*tagName*("li"));**

**for (int i = 1; i < fueltypes\_li.size(); i++)**

**{**

**//System.out.println(fueltypes\_li.get(i).getText());**

**if(fueltype.equalsIgnoreCase(fueltypes\_li.get(i).getText())) {**

**fueltypes.findElements(By.*tagName*("li")).get(i).click();**

**break;**

**}**

**}**

**}**

**public void adminsubmiteditvehicle(WebElement submiteditvehicleelement) {**

**JavascriptExecutor js = (JavascriptExecutor) driver;**

**js.executeScript("window.scrollBy(0,1000)");**

**submiteditvehicleelement.click();**

**}**

**public void admingetsuccessmsgaftereditvehicle(WebElement message) throws InterruptedException {**

**String successmessage = message.getText();**

**String expectedmessage = "SUCCESS:Data updated successfully";**

**System.*out*.println(successmessage);**

**Assert.*assertEquals*(successmessage, expectedmessage);**

**Thread.*sleep*(3000);**

**}**

}