



VyTrack selenium-Junit framework assignment

Assignment Description - Group & individual tasks

- Each **GROUP** will create **ONE selenium-Junit framework** for VyTrack - fleet management project.
- Each **STUDENT** will manually & automatically test **ONE user story**
- Clear your group's jira project backlog
 - move all the tickets to Sprint2

Assignment due:

Application information:

Credentials link: [click here](#)

Assignment to do list:

1. Create a project [Selenium-Junit framework]

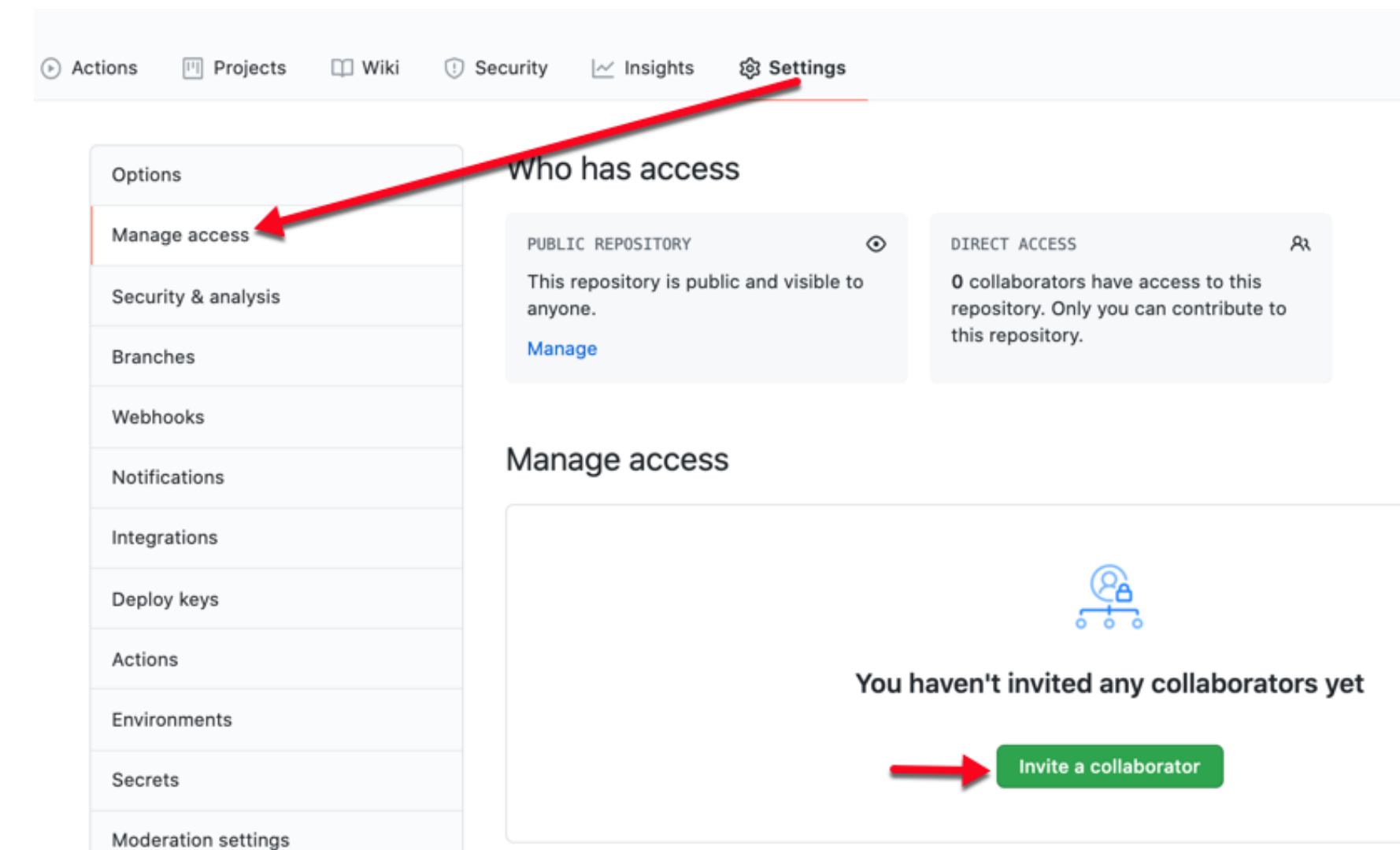
- Conduct a meeting with the team to SET UP the project [look at the next slide for how to set up a project]
- One person responsible to set up the project & push to the GitHub AND **add** all the **other** team members **as collaborators**
- All the team member accept the invitation & clone the project

2. Perform UI manual testing

- Create user story & test cases on jira
- Each student select 1 story & its test case
- Attach the screenshot under the attachment of your test case

3. Perform UI automation

- Create one class for the story
- @test for each test case
- Create separate branch for the class, and send PR to merge with Master branch



Framework set up

1. Create a maven project.

Group-id: **com.vytrack**

Artifact-id: **vyTrackUIAutomation**

2. Add all the required **dependencies** for automation to the **pom file**.

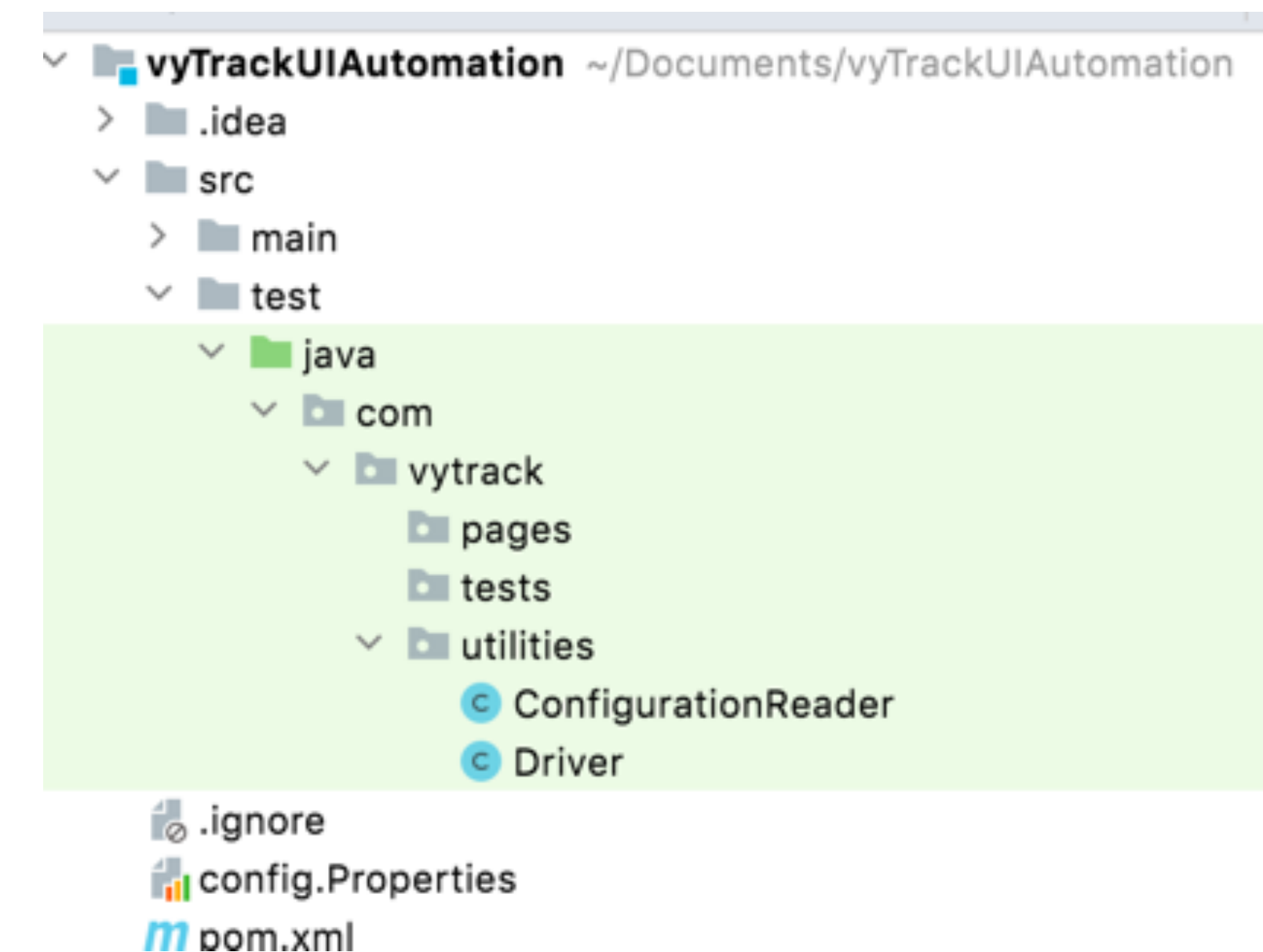
3. Under **src/test/java** create following packages:

- a. **com.vytrack.pages**
- b. **com.vytrack.tests**
- c. **com.trycloud.utilities**

4. Under the project folder add file **configuration.properties** add file **.gitignore**

5. Under **utilities** package create:

- a. **ConfigurationReader**
- b. **BrowserUtils**
- C. **WebDriverFactory**



*Add any other package or file that you need to automate the project.

1. **Story:** As a user, I should be access all the main modules of the app.

AC #1:

Given **store/sales manager** is on the homePage

Then verify user view 8 models names [verify the names]

Dashboards

Fleet

Customers

Sales

Activities

Marketing

Reports & Segments

System

AC #2:

Given **driver** is on the homePage

Then verify user view 4 models names [verify the names]

Fleet

Customers

Activities

System

2. **Story:** As a user, I should be able to create vehicles/cars.

AC #1: **only** store/sales manager able to create car

Given **store/sales manager** is on the homePage

When user select “Vehicles” under Fleet module

And user click “create car” button

When user fill out general information

And click “Save and Close” button

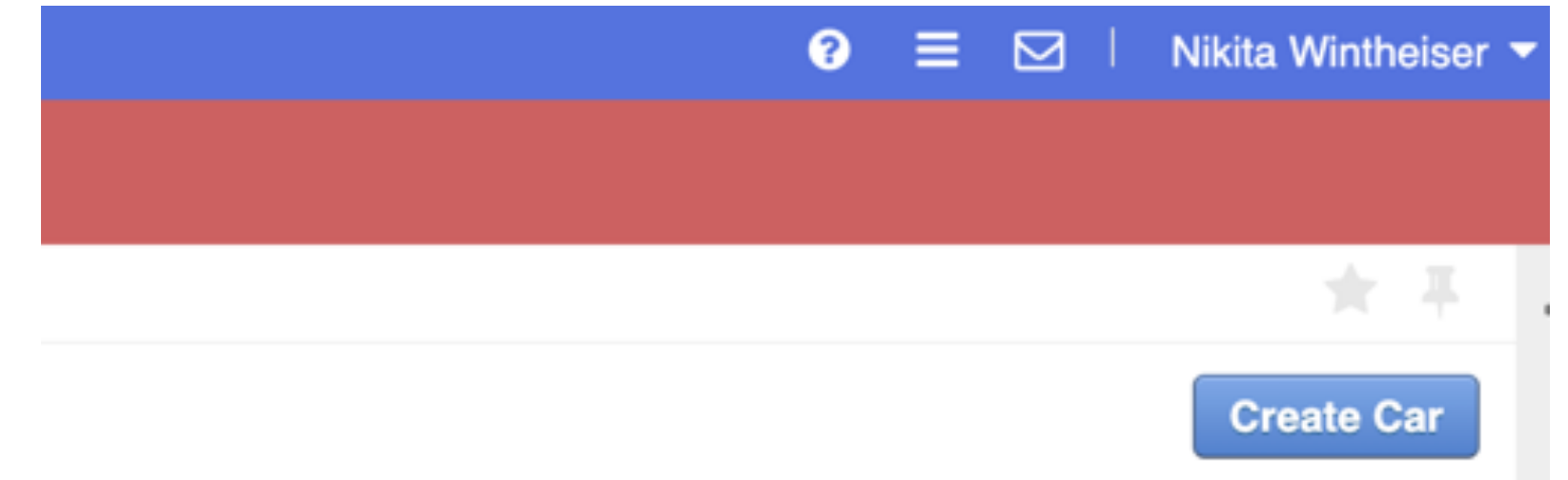
Then verify “Entity saved” confirm message

AC #2: drivers should not be able to create a car

Given **driver** is on the homePage

When user select “Vehicles” under Fleet module

Then “create car” button should not be visible







Hint: For AC2, locate the “create car” Xpath with manager account, and then login as driver, then verify the Xpath is not available in the page

3. **Story:** As a user, I should be to select any vehicle/car from vehicle page





AC #1: user can select all the cars by checking the first checkbox

Given **user** is on the homePage
When user select “Vehicles” under Fleet module
And user checks the first checkbox
Then verify all the checkbox is checked

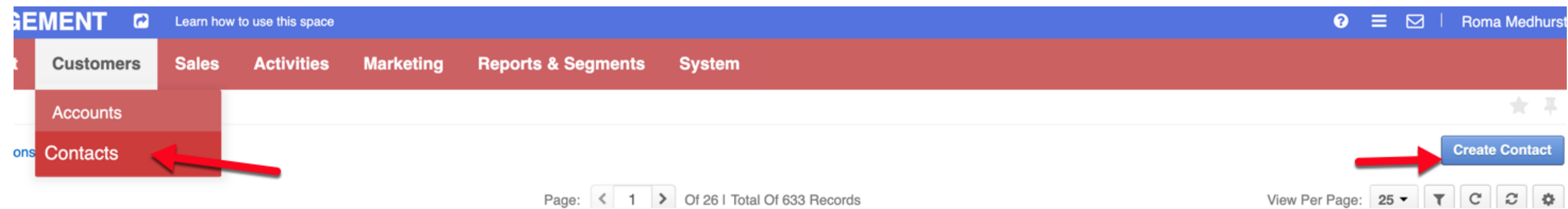
FLEET MANAGEMENT  Learn how to use this space			
Dashboards Fleet Customers Sales Activities			
All Cars  Options			
 Export Grid 			
<input checked="" type="checkbox"/>	LICE...	TAGS	DRIV...
<input checked="" type="checkbox"/>			Cool Driver Texas
<input checked="" type="checkbox"/>			Test Driver Washington D.C.
<input checked="" type="checkbox"/>			Cool Driver Texas
<input checked="" type="checkbox"/>			Test Driver Washington D.C.
<input checked="" type="checkbox"/>			Cool Driver Texas
<input checked="" type="checkbox"/>	Cyber	Purchased	
<input checked="" type="checkbox"/>	TestPlates	Test Driver	Washington D.C.

AC #2: user can select any car

Given **user** is on the homePage
When user select “Vehicles” under Fleet module
And user checks any car’s checkbox
Then verify the checkbox is checked

All Cars  Options		
 Export Grid 		
	LICE...	DRIV...
<input type="checkbox"/>		Cool Driver
<input type="checkbox"/>		Test Driver
<input checked="" type="checkbox"/>		Cool Driver
<input type="checkbox"/>		Test Driver
<input type="checkbox"/>		Cool Driver
<input type="checkbox"/>	Cyber	Purchased
<input type="checkbox"/>	TestPlates	Test Driver
<input type="checkbox"/>	SuperMan	Cool Driver

4. **Story:** As a user, I should be create contact information.



AC #1: users are able to create contacts.

Given user is on the homePage

When user select “Contacts” under Customers module

And user click “Create Contact” button

When user fill out general information

And click “Save and Close” button

Then verify “contact saved” confirm message

5. **Story:** As a user, I should be to select accounts from accounts page

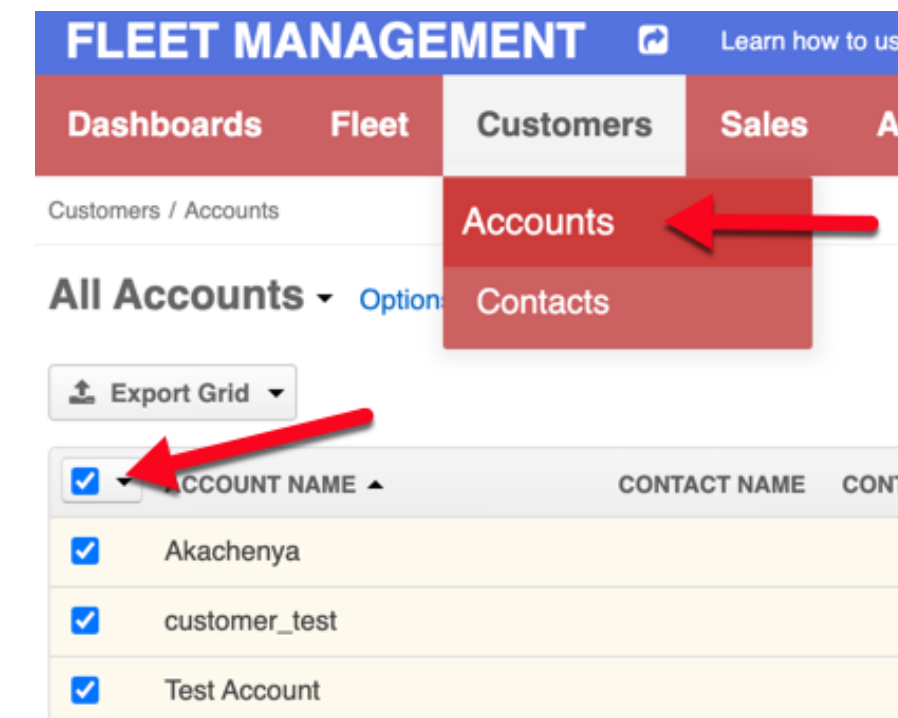
AC #1: user can select all the accounts by checking the first checkbox

Given **user** is on the homePage

When user select “Accounts” under Customers module

And user checks **the first checkbox**

Then verify all the checkbox is checked



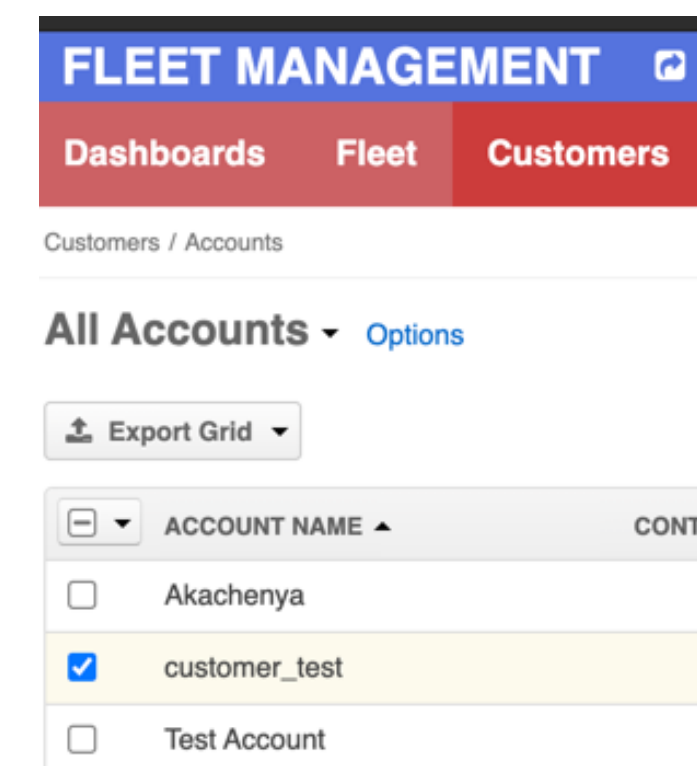
AC #2: user can select any account

Given **user** is on the homePage

When user select “Accounts” under Customers module

And user checks **any account’s checkbox**

Then verify the checkbox is checked



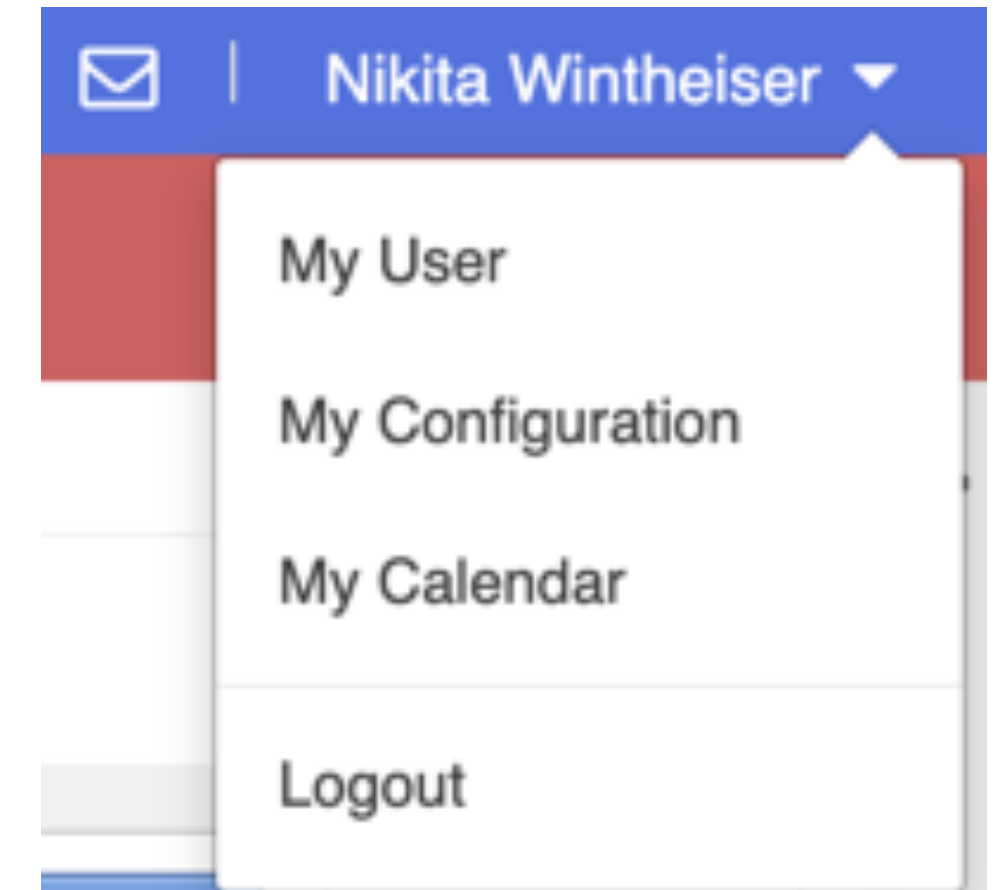
6. **Story**: As a user, I should be view 3 options under my account name.

AC #1: users have 3 options under their usernames.

Given user is on the homePage

When user click username on the right top corner

Then verify there are “My Username” “My Configuration” “My Calendar” options



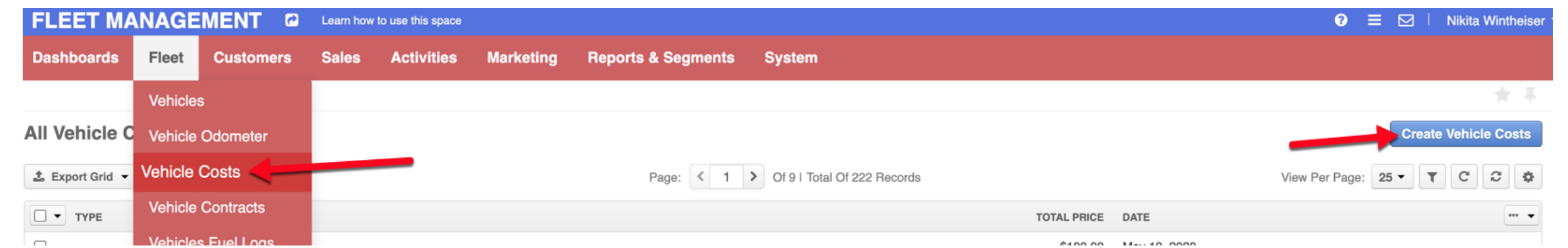
Note: expected option: My Username

Actual looks like: My User

We do not automate at work when there is a bug on a function.

However, to practice, please still automate this function.

7. **Story:** As a user, I should be able to create vehicle costs.



AC #1: users are able to create vehicle costs.

Given user is on the homePage

When user select “Vehicle Costs” under Fleet module

And user click “Create Vehicle Costs” button

When user fill out general information and click “Save and Close” button

Then verify “Entity saved” confirm message

8. **Story**: As a user, I should be create Vehicle Odometer.

AC #1: drivers are able to create Vehicle Odometer.

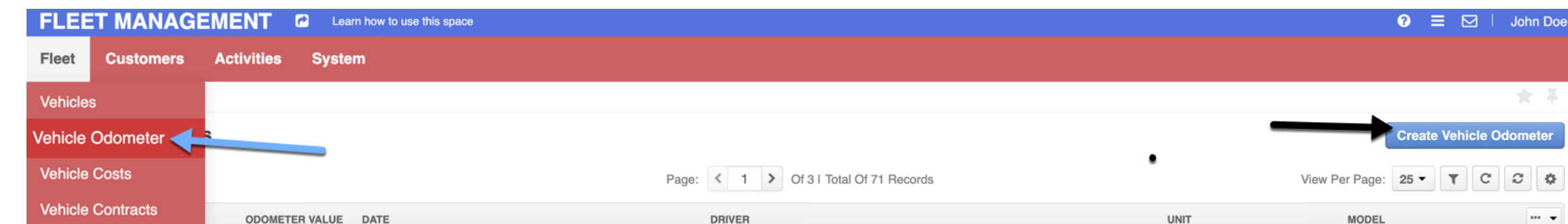
Given **driver** is on the homePage

When user select “Vehicle Odometer” under Fleet module

And user click “Create Vehicle Odometer” button

When user fill out general information and click “Save and Close” button

Then verify “Entity saved” confirm message



AC #2: managers should not to create Vehicle Odometer.

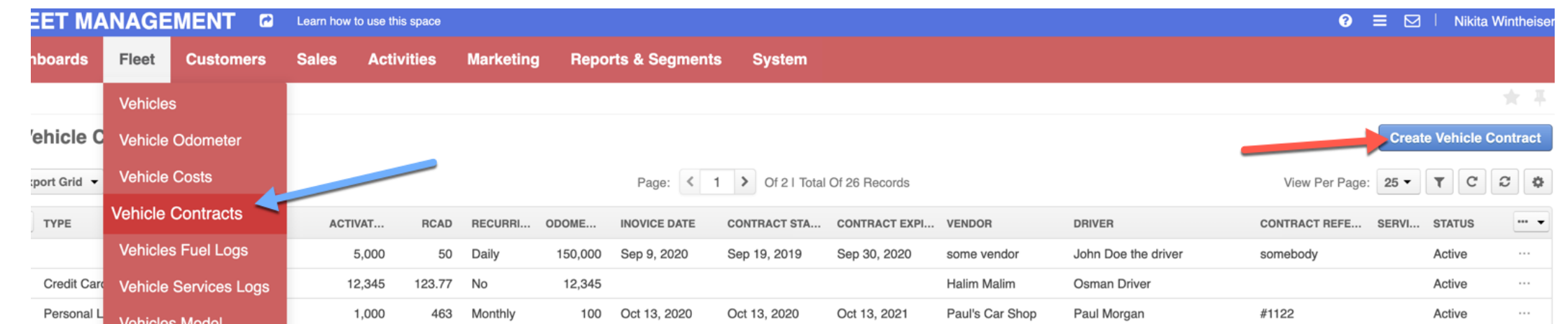
Given **store/sales manager** is on the homePage

When user select “Vehicle Odometer” under Fleet module

Then verify “You do not have permission to perform this action.” message

9. **Story:** As a user, I should be able to create Vehicle Contract.

AC #1: managers are able to Create Vehicle Contract.



Given store/sales manager is on the homePage

When user select “Vehicle Contract” under Fleet module

And user click “Create Vehicle Contract” button

When user fill out general information and click “Save and Close” button

Then verify “Entity saved” confirm message

AC #2: driver should not to create Vehicle Contract.

Given driver is on the homePage

When user select “Vehicle Contract” under Fleet module

Then verify “You do not have permission to perform this action.” message

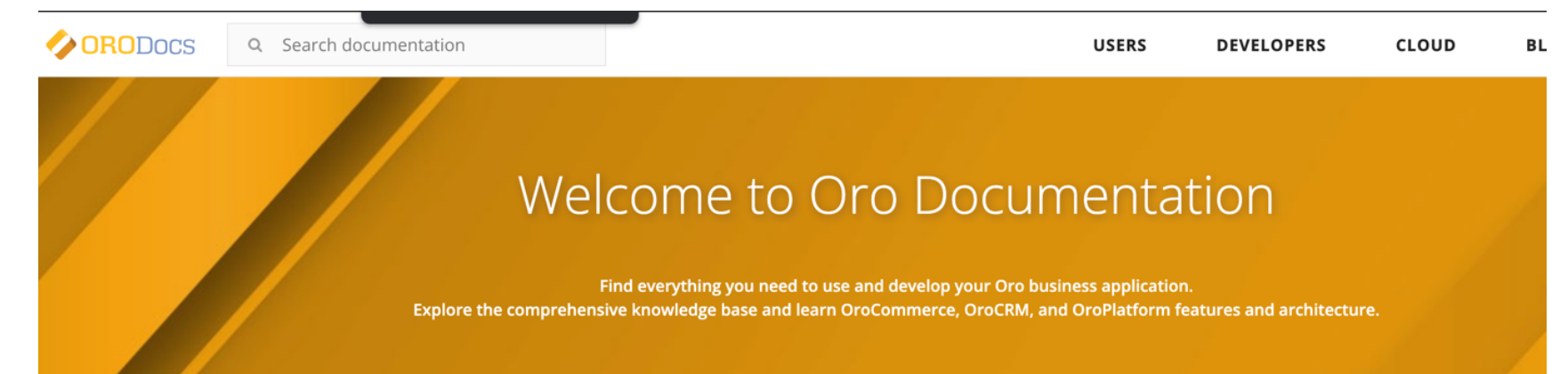
10. **Story:** As a user, I should be access to Oro Documentation page.

AC #1: user access Oro Documentation page

Given user is on the homePage

When user click question icon on the right top of the homepage

Then verify user accessed to Oro Documentation page.



11. **Story:** As a user, I should be view all the vehicle models

AC #1: user should view all the vehicles model

Given user is on the homePage

When user select “Vehicle Model” under Fleet module

Then verify user can view all the vehicles

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qa3.vytrack.com/en

AppsDocuments^interview

FLEET MANAGEMENT

FleetCustomersActivities

Vehicles Model

⬆️ Export Grid ▾

MODEL NAME	MAKE
m3	mazda
Model-X	Tesla
corolla	Toyota
XF 2021	DAF