

usl: freecom . (un) 1) crede maver project Group Zd , Artifact Id same - Add dependencies 2/dependencies < dependencies> of [cocomber - java, cocomber - jvm's cucumber - junit] < dépendencies cocumber - Selenium dependencies (3.5.3) Défisit monte feature fill Den (Fg: login. feature) Eclipse Market place Go to help -Search matural (BDD plugin) Feature: Free CRM login feature. Scenario: Free CRM login test sunaria Given User is in already on login page when that title of login page is FREE CEM enters username and password licks on login button Then bear user And user is on home page Package: Estep definition class: Login Stop Definition & save (a Given ('huser is in already

public volt user - already - on - login - page () { Package: funnes class o Tostformer a funwith (cuamber . class)

(a cucumber options (features = "Features")

glue = 2 "steple finition
glue = 2 "steple finition
public class Test Punner 2" "

public class Test Punner 2" 1" jos soposts. import org. junit. runner. Run With; import cucumber api. (ucumber options; import cucumber api. junit. (ucumber; lass as junit lass as junit (Execution happens in the sequence witten in the feature file) (pretty means good and understandable report)
understandable report)

yw scenario i uson is able to oreate new contact

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- One feature file can have multiple scenarios

- Advantage with cucumber BDD

- entire agile team can contribute. (feature file) Part 2: Different cocumber options Odry Run (2) Fratures (3) Give (4) Tags

(3) Honochrome (6) Format (7) Strict

Will be defined in Runner class of the defined class of the defin O dryfon - If there are say fen steps in feature file and while writing the methods in step definition, you miss out any step, you can do a dryfun to check, if all steps are present. a coumberraptions (dryfun = true)

else dryfun = false to execute the test cases (dryfun is to check the mapping is proper between feature file and step definition File)

Features - location of feature file. 3) glue - in which package stepdefinition nottion execute now

(3) monochrome - display the off in readable format of monochrome = true will ogenerate readable offin a the console. test - output "

(6) format = ? "pretty", "html: test - output", format = ? "pretty", "html: test - output", ison: ison outbut / cucumter . ison")? jon: jon_output/cucumster.jon") // to generate ofp in json fill. format = { "jonit : jonit - xm/ comber. xm, "} (to generate jurit xml format file) - format is used to generate different types
of reporting. F strict = true and strict = true, then

If drykun = false and strict = true, then

all the steps definition is written If any missing steps are there in step definition , it will show pending execution. (It will check if any step is not defined in step definition To comment in feature file use #

Part 3 o pata doiver testing in country of same work in school without ex without example write username of has word in doub

- quotes in the feature fill "

- Eg: (a) Then (^ user - enters - username - and - pars word)

(String username, String pars word)

(String username, - to 1 and (1) in suname")) driver. findElement (By. name ("username")).

driver. findElement (By. name ("password")).

driver. findElement (By. name ("password")).

send Kays (password); with Examples + sunario outline. Then user enters "Zusername?" and "Zpassword,

Note: Them user enters contacts.

Examples: if same, error Two lines in

I username! password! feature file should in

be same. 1 mareent | test @ 123 | 1 torn 1 test 456 1 Note: whenever you are using data driver without example keyword, st Scenario . whenever you are using data driver sunario outline. Login - create 5 contacts

Using tables . -> Part 4 Data tables on cocumbes framework - Login compro -> cick on deal -> (reate deal -> save . _ Use supario. * Then user enters username and password naveent | test@123 | test data table - Write data after Then. - Couate Deal Step Definition. List < List < String >> data = credentials · raw ();

driver · find Element (By · name ("Usenname")). sendkeys (data.get(o).get(o)); password - (data.get(o).get(1).g Disadvantage: If we have multiple set of data of we should use example keyword only and not data table o

Part 5: (ucumber Datadriven with make in Selenium: Gos parameterization) Then user enters username and passwood lusername | bassword! | mavenk | test 123 | Lfor formating control + shift + F) class: Deal StepwithMap Definition. (a) Then ("1 user enters username and passubsdot)

public void user enters username - and - password (

DataTable oredentials) { bi(Map < String, String) data oredentials. as Maps (String. downs, String. dass) (String. da (dataget ("Usoname")) set of data. multiple

Cocomber Tags test cases say for example smoke test casos or regression test cases, then we can use cucumber tags. create tagging. feature feature file. @ Smoke Test @ Pegression Test Sunavio: Given @ (ucumberoffions) @ RegressionTest { "Smoke Test"} public dass Test Runner 2 +age = 2 & smoke test o Sunario : @ RegressionTest"? // OR: tags = ¿a Smoke Test, @legalssien Test? - execute all tests tagged as a Smoke Test or - execute all tests tagged as a Smoke Test or // AND: tags= ? "@ Smoke Test", "@ Regression Test" - execute only those test cases which ax both smoke & regression test cases. // If you want to ignore any fest case use silve tilde characters. 2" ~ Smoke Test", Eregression Test" }

Part 7: Hooks in cocumber In steppefinition dals use annotation (a) @Before - for launching the browser dose the browser . But import @ Before & @ After from 3 api jar ons ((a) cocumberoptions (public class Test Runner () { Hooks are used to define pre condition and bost conditions o Before each and ever sunario, a Before and a After will be executed. - Tagged Mooks: - If we have three sunaine say for example with tags @ First and Second @ Thind, and we want to exewte hooks @ Before and @ After only for @ Second sunaino, then global hoots. @ After are ralled - @Before (" @ Second") 4 Tagged @ After (" @ Second") (only for second sunavio Scanned by CamScanner

For example in our application, if you want to set a pre-requisite like delete a deal and then oute new deal, you can use tagged hooks be only for a particular scenario This is missing in Testing. finat preference, - (a Before (order = 0) @ After (order = 0) y second preference. a Before (order =1) @ After (order=1) Part 8 : POM with cucumber BDD frame work o Et rom. ga. pages - LoginPage, HomePage - 500 /main/java eom. qa. vill — config. properties

Test Base. java

Test Util java Elle comigai features - frecermifeature Ell com. qa. step Definitions L Home Page Steps All com. ga. to sunner - Test Runne 8 montiple dota in x1,76 " 18 " (" I name real () 3 ") - for Constructor . .