FindMyNest

Online Property Management System

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Batch :- S9 INTMCA

Date :- 25/10/2023
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Feasibility Study

Test Plan -1

```java
package Nest;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

import io.cucumber.java.en.And;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class nest {

    WebDriver driver;
    private boolean loginSuccess = false; // A flag to track login success

    @Given("browser is open")
    public void browser_is_open() {
        System.setProperty("webdriver.gecko.driver",
"C:\\Users\\ANANDHU\\eclipse-
workspace\\FindMyNest\\src\\test\\resources\\drivers\\geckodriver.exe");
        driver = new FirefoxDriver();
        driver.manage().window().maximize();
    }

    @And("user is on login page")
    public void user_is_on_login_page() throws Exception {
        driver.get("http://127.0.0.1:8000/register/login/");
        Thread.sleep(2000);
    }

    @When("user enters email and password")
    public void the_user_enters_credentials() {
        driver.findElement(By.id("username")).sendKeys("Anandhu");
        driver.findElement(By.id("password")).sendKeys("Anandhu@987");
    }

    @And("User clicks on login")
    public void user_clicks_on_login() {
        driver.findElement(By.id("submit")).click();
        // Check if the login was successful (adjust this logic based on your
application)
        // Here, we're checking for a specific element after clicking the login
button.
        loginSuccess = driver.findElement(By.id("mtest")).isDisplayed();
    }

    @Then("user is navigated to the home page")
    public void navigate_to_home_page() throws Exception {
        if (loginSuccess) {
            System.out.println("Test Passed");
        } else {
```

```java
                System.out.println("Test Failed");
        }
        // You can also add further assertions or verifications here as needed.
        driver.quit(); // Close the browser
    }
}
```

Output

Test report

Oct 23, 2023 8:06:47 PM cucumber.api.cli.Main run
WARNING: You are using deprecated Main class. Please use io.cucumber.core.cli.Main

Scenario: Successful login with valid credentials # src/test/resources/project_features/login.feature:2
1698071810935   geckodriver   INFO   Listening on 127.0.0.1:17620
1698071811671   mozrunner::runner   INFO   Running command: "C:\\Program Files\\Mozilla Firefox\\firefox.exe" "--marionette" "--remote-debug
console.warn: services.settings: Ignoring preference override of remote settings server
console.warn: services.settings: Allow by setting MOZ_REMOTE_SETTINGS_DEVTOOLS=1 in the environment
1698071813363   Marionette   INFO   Marionette enabled
Dynamically enable window occlusion 0
1698071813663   Marionette   INFO   Listening on port 12356
WebDriver BiDi listening on ws://127.0.0.1:13188
Read port: 12356
Read port: 12356
1698071815612   RemoteAgent   WARN   TLS certificate errors will be ignored for this session
DevTools listening on ws://127.0.0.1:13188/devtools/browser/a82bf499-b7da-47cd-ad9e-0dab03b69946
  Given browser is open   # Nest.nest.browser_is_open()
  And user is on login page   # Nest.nest.user_is_on_login_page()
  When user enters email and password   # Nest.nest.the_user_enters_credentials()
console.warn: LoginRecipes: "Falling back to a synchronous message for: http://127.0.0.1:8000."
console.warn: LoginRecipes: "Falling back to a synchronous message for: http://127.0.0.1:8000."
JavaScript error: http://127.0.0.1:8000/static/assets1/js/app.js, line 48: TypeError: sidePanelToggler is null
JavaScript error: http://127.0.0.1:8000/static/assets1/js/index-charts.js, line 216: TypeError: document.getElementById(...) is null
JavaScript error: https://www.gstatic.com/charts/51/js/jsapi_compiled_default_module.js, line 144: Error: Container is not defined
  And User clicks on login   # Nest.nest.user_clicks_on_login()
Test Passed
1698071837423   RemoteAgent   INFO   Perform WebSocket upgrade for incoming connection from 127.0.0.1:12418
1698071837437   CDP   WARN   Invalid browser preferences for CDP. Set "fission.webContentIsolationStrategy"to 0 and "fission.bfcacheInParent"
1698071837581   Marionette   INFO   Stopped listening on port 12356
Dynamically enable window occlusion 1
  Then user is navigated to the home page   # Nest.nest.navigate_to_home_page()

1 Scenarios (1 passed)
5 Steps (5 passed)
0m32.276s

Test report

Test Case 1	
Project Name:FindMyNest	
Login Test Case	
Test Case ID: 1	**Test Designed By:** Anandhu Biju
Test Priority(Low/Medium/High): High	**Test Designed Date:** 23/10/2023
Module Name: Login Page	**Test Executed By :** Ms. Sruthimol Kurian
Test Title : Verify login with valid Username and Password	

			Test Execution Date: 23/10/2023		
Description: Test the Login Page					
Pre-Condition :User has valid username and password					
Step	Test Step	Test Data	Expected Result	Actual Result	Status(Pass/ Fail)
1	Navigation to Login Page		Login Page should be displayed	Login page displayed	Pass
2	Provide Valid Username	User Name: Anandhu	User should be able to Login	User Logged in and navigated to the dashboard with records	
3	Provide Valid Password	Password: Anandhu@987			
4	Click on Sign In button				Pass
Post-Condition: User is validated with database and successfully login into account. The Account session details are logged in database					

Test Plan -2

```java
package Nest;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;
import io.cucumber.java.en.And;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class edit_profile {

    WebDriver driver;

    @Given("the browser is open3")
    public void browser_is_open() {
        System.setProperty("webdriver.gecko.driver", "C:\\Users\\ANANDHU\\eclipse-
workspace\\FindMyNest\\src\\test\\resources\\drivers\\geckodriver.exe");
        driver = new FirefoxDriver();
        driver.manage().window().maximize();
    }
```

```java
    @And("the user is on the login page3")
    public void user_is_on_login_page() throws Exception {
      driver.navigate().to("http://127.0.0.1:8000/register/login/");
      Thread.sleep(2000);
    }

    @When("the user enters their email and password3")
    public void the_user_enters_credentials() {
      driver.findElement(By.id("username")).sendKeys("Savio");
      driver.findElement(By.id("password")).sendKeys("Anandhu@987");
    }

    @And("the user clicks on the login button3")
    public void user_clicks_on_login() {
      driver.findElement(By.id("submit")).click();
    }

    @Then("the user should be navigated to the home page3")
    public void navigate_to_home_page() throws Exception {
      // Assuming you have successfully logged in at this point.
      // Now, you can interact with the dropdown menu and click on "All
Property."
      driver.findElement(By.id("ProfileDropdown")).click();
      Thread.sleep(1000); // Add a delay to allow the dropdown to appear.
      driver.findElement(By.id("profile")).click();

      // Now, you should be on the "All Property" page.
      // You can add additional assertions or actions here as needed.

      // Don't forget to close the WebDriver when done.
      WebElement countryField = driver.findElement(By.id("country"));
      WebElement stateField = driver.findElement(By.id("state"));
      WebElement cityField = driver.findElement(By.id("twon"));
      WebElement pincodeField = driver.findElement(By.id("pincode"));

      countryField.clear();
      stateField.clear();
      cityField.clear();
      pincodeField.clear();

      // Enter new data
      countryField.sendKeys("India");
      stateField.sendKeys("Kerala");
      cityField.sendKeys("Kollam");
      pincodeField.sendKeys("686514");

      // Submit the form to save changes
      WebElement saveButton =
driver.findElement(By.xpath("//button[text()='Save']"));
      saveButton.click();
      WebElement successMessage = driver.findElement(By.id("successMessage"));

      // Assuming the "successMessage" element is displayed upon successful
navigation.
      if (successMessage.isDisplayed()) {
          System.out.println("Test Passed: Successfully logged in and profile
updated.");
      } else {
          System.out.println("Test Failed.");
      }
    }
```

Output

```
Dynamically enable window occlusion 0
1698073931448   Marionette      INFO    Listening on port 12968
WebDriver BiDi listening on ws://127.0.0.1:19678
Read port: 12968
1698073932355   RemoteAgent     WARN    TLS certificate errors will be ignored for this session
DevTools listening on ws://127.0.0.1:19678/devtools/browser/27421402-b845-484f-900c-6c3ccd03eb20
  Given the browser is open3                           # Nest.edit_profile.browser_is_open()
  And the user is on the login page3                   # Nest.edit_profile.user_is_on_login_page()
  When the user enters their email and password3       # Nest.edit_profile.the_user_enters_credentials()
console.warn: LoginRecipes: "Falling back to a synchronous message for: http://127.0.0.1:8000."
console.warn: LoginRecipes: "Falling back to a synchronous message for: http://127.0.0.1:8000."
JavaScript error: http://127.0.0.1:8000/, line 1037: TypeError: m.kommunicate is undefined
  And the user clicks on the login button3             # Nest.edit_profile.user_clicks_on_login()
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateCountry is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateCountry is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateCountry is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateCountry is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateCountry is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateState is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateState is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateState is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateState is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: validateState is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 1: ReferenceError: checkall is not defined
JavaScript error: http://127.0.0.1:8000/register/editprofile/, line 885: ReferenceError: twonError is not defined
Test Passed: Successfully logged in and profile updated.
  Then the user should be navigated to the home page3  # Nest.edit_profile.navigate_to_home_page()

1 Scenarios (1 passed)
5 Steps (5 passed)
0m27.529s
```

Test report

Test Case 2					
Project Name:FindMyNest					
Profile Update Test Case					
Test Case ID: 2			**Test Designed By:** Anandhu Biju		
Test Priority(Low/Medium/High): High			**Test Designed Date:** 23/10/2023		
Module Name: Update profile			**Test Executed By :** Ms. Sruthimol Kurian		
Test Title : Verify update profile			**Test Execution Date:** 23/10/2023		
Description: Testing the update profile page					
Pre-Condition : User has valid username and password					
Step	**Test Step**	**Test Data**	**Expecte dResult**	**Actual Result**	**Status(Pass/ Fail)**
1	Navigation to profile Page		Profile page should be displayed	Profile page displayed	Pass

		Country: India			
2	Provide valid country				
3	Provide State	State: Kerala	User should be able to update profile	Profile updated and message should be displayed.	Pass
4	Provide town	town: Kollam			

Post-Condition: User is inserted into the database and successfully registered. Profile details updated and inserted successfully into database

Test Plan -3

```
package Nest;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;
import io.cucumber.java.en.And;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class view_property {

  WebDriver driver;

  @Given("the browser is open2")
  public void browser_is_open() {
    System.setProperty("webdriver.gecko.driver", "C:\\Users\\ANANDHU\\eclipse-
workspace\\FindMyNest\\src\\test\\resources\\drivers\\geckodriver.exe");
    driver = new FirefoxDriver();
    driver.manage().window().maximize();
  }

  @And("the user is on the login page2")
  public void user_is_on_login_page() throws Exception {
    driver.navigate().to("http://127.0.0.1:8000/register/login/");
    Thread.sleep(2000);
  }

  @When("the user enters their email and password2")
  public void the_user_enters_credentials() {
    driver.findElement(By.id("username")).sendKeys("Savio");
    driver.findElement(By.id("password")).sendKeys("Anandhu@987");
  }

  @And("the user clicks on the login button2")
  public void user_clicks_on_login() {
    driver.findElement(By.id("submit")).click();
  }
```

```java
   @Then("the user should be navigated to the home page2")
   public void navigate_to_home_page() throws Exception {
      // Assuming you have successfully logged in at this point.
      // Now, you can interact with the dropdown menu and click on "All Property."
      driver.findElement(By.id("PropertyDropdown")).click();
      Thread.sleep(1000); // Add a delay to allow the dropdown to appear.
      driver.findElement(By.id("All_property")).click();

      // Now, you should be on the "All Property" page.
      // You can add additional assertions or actions here as needed.

      // Don't forget to close the WebDriver when done.

   }

   @When("the user clicks on the View Property link")
   public void the_user_clicks_on_the_View_Property_link() {
       // Replace the selector with the appropriate one for your HTML structure
       WebElement viewPropertyLink = driver.findElement(By.cssSelector("a.btn.btn-
success[href*='property_single']"));

       // Click the "View Property" link if it's found
       if (viewPropertyLink != null) {
           viewPropertyLink.click();
       } else {
           // Handle the case where the "View Property" link is not found
           System.out.println("View Property link not found.");
       }
   }

   @And("the user posts a comment2")
   public void user_posts_a_comment() {
      // Fill in the comment form fields and submit it
      WebElement firstNameInput = driver.findElement(By.id("first_name"));
      WebElement emailInput = driver.findElement(By.id("email"));
      WebElement messageTextarea = driver.findElement(By.id("textMessage"));
      WebElement submitButton =
driver.findElement(By.xpath("//button[@type='submit']"));

      // Fill in the form fields with appropriate values
      firstNameInput.sendKeys("Febin");
      emailInput.sendKeys("febin@gmail.com");
      messageTextarea.sendKeys("Good Property");

      // Submit the comment form
      submitButton.click();
      WebElement successMessage = driver.findElement(By.id("successMessage"));

      // Assuming the "successMessage" element is displayed upon successful
navigation.
      if (successMessage.isDisplayed()) {
          System.out.println("Test Passed: Comment Posted Successfully ");
      } else {
          System.out.println("Test Failed.");
      }
      // You may want to add assertions or verifications here to confirm that the
comment was posted successfully.
   }
}
```

Output

```
Oct 23, 2023 9:27:26 PM cucumber.api.cli.Main run
WARNING: You are using deprecated Main class. Please use io.cucumber.core.cli.Main

Scenario: Check login is successful with valid credentials # src/test/resources/project_features/view_property.feature:3
1698076649496   geckodriver     INFO    Listening on 127.0.0.1:8024
1698076650330   mozrunner::runner     INFO    Running command: "C:\\Program Files\\Mozilla Firefox\\firefox.exe" "--marionette" "--remote-debugging-port" "32912" "--remote ...
console.warn: services.settings: Ignoring preference override of remote settings server
console.warn: services.settings: Allow by setting MOZ_REMOTE_SETTINGS_DEVTOOLS=1 in the environment
1698076652403   Marionette      INFO    Marionette enabled
Dynamically enable window occlusion 0
1698076652788   Marionette      INFO    Listening on port 14910
WebDriver BiDi listening on ws://127.0.0.1:32912
Read port: 14910
1698076653472   RemoteAgent     WARN    TLS certificate errors will be ignored for this session
DevTools listening on ws://127.0.0.1:32912/devtools/browser/dc2689fd-1edf-4df3-a84a-eea270d1689a
  Given the browser is open2                          # Nest.view_property.browser_is_open()
  And the user is on the login page2                  # Nest.view_property.user_is_on_login_page()
  When the user enters their email and password2      # Nest.view_property.the_user_enters_credentials()
console.warn: LoginRecipes: "Falling back to a synchronous message for: http://127.0.0.1:8000."
console.warn: LoginRecipes: "Falling back to a synchronous message for: http://127.0.0.1:8000."
JavaScript error: http://127.0.0.1:8000/, line 1037: TypeError: m.kommunicate is undefined
  And the user clicks on the login button2            # Nest.view_property.user_clicks_on_login()
  Then the user should be navigated to the home page2 # Nest.view_property.navigate_to_home_page()
JavaScript error: http://127.0.0.1:8000/static/assets/vendor/swiper/swiper-bundle.min.js, line 13: TypeError: Window.getComputedStyle: Argument 1 is not an object.
  When the user clicks on the View Property link      # Nest.view_property.the_user_clicks_on_the_View_Property_link()
JavaScript error: http://127.0.0.1:8000/static/assets/vendor/swiper/swiper-bundle.min.js, line 13: TypeError: s.$wrapperEl[0] is undefined
Test Passed: Comment Posted Successfully
  And the user posts a comment2                       # Nest.view_property.user_posts_a_comment()

1 Scenarios (1 passed)
7 Steps (7 passed)
0m54.183s
```

Test report

Test Case 3

Project Name:FindMyNest	
Post CommentTest Case	
Test Case ID: 3	**Test Designed By:** Anandhu Biju
Test Priority(Low/Medium/High): High	**Test Designed Date:** 23/10/2023
Module Name: Update profile	**Test Executed By :** Ms. Sruthimol Kurian
Test Title : Verify Post Comment	**Test Execution Date:** 23/10/2023
Description: Testing the Post Comment page	
Pre-Condition : User has valid username and password	

Step	Test Step	Test Data	Expected Result	Actual Result	Status(Pass/ Fail)
1	Navigation to Property Single page		Property Single page should be displayed	Property Single page displayed	Pass
2	Provide valid first_name	first_name: Febin			
3	Provide email	email: febin@gmail.com	User should be able to post comment	Comment posted and comment displayed.	Pass
4	Provide textMessage	textMessage: Good Property			
Post-Condition: Comment posted and inserted successfully into database					

Test Plan -4

```
package Nest;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;
import io.cucumber.java.en.And;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class change_password {

    WebDriver driver;

    @Given("the browser is open4")
    public void browser_is_open() {
        System.setProperty("webdriver.gecko.driver", "C:\\Users\\ANANDHU\\eclipse-
workspace\\FindMyNest\\src\\test\\resources\\drivers\\geckodriver.exe");
        driver = new FirefoxDriver();
        driver.manage().window().maximize();
    }

    @And("the user is on the login page4")
    public void user_is_on_login_page() throws Exception {
        driver.navigate().to("http://127.0.0.1:8000/register/login/");
        Thread.sleep(2000);
    }
```

```java
    @When("the user enters their email and password4")
    public void the_user_enters_credentials() {
       driver.findElement(By.id("username")).sendKeys("Febin");
       driver.findElement(By.id("password")).sendKeys("Anandhu@987");
    }

    @And("the user clicks on the login button4")
    public void user_clicks_on_login() {
       driver.findElement(By.id("submit")).click();
    }

    @Then("the user should be navigated to the home and select profile and change
password")
    public void navigate_to_home_page() throws Exception {
       // Assuming you have successfully logged in at this point.
       // Now, you can interact with the dropdown menu and click on "All
Property."
       driver.findElement(By.id("ProfileDropdown")).click();
       Thread.sleep(1000); // Add a delay to allow the dropdown to appear.
       driver.findElement(By.id("profile")).click();

       // Now, you should be on the "All Property" page.
       // You can add additional assertions or actions here as needed.

       // Don't forget to close the WebDriver when done.
       WebElement cupassField = driver.findElement(By.id("cupass"));
       WebElement passField = driver.findElement(By.id("pass"));
       WebElement cpassField = driver.findElement(By.id("cpass"));




       // Enter new data
       cupassField.sendKeys("Anandhu@987");
       passField.sendKeys("Nandhu@987");
       cpassField.sendKeys("Nandhu@987");


       // Submit the form to save changes
       WebElement saveButton = driver.findElement(By.id("Update"));
       saveButton.click();
       WebElement successMessage = driver.findElement(By.id("successMessage"));

       // Assuming the "successMessage" element is displayed upon successful
navigation.
       if (successMessage.isDisplayed()) {
           System.out.println("Test Passed: Successfully logged in and password
changed updated.");
       } else {
           System.out.println("Test Failed.");
       }
    }

  }
```

Output

Oct 23, 2023 10:56:27 PM cucumber.api.cli.Main run
WARNING: You are using deprecated Main class. Please use io.cucumber.core.cli.Main

Scenario: Check login is successful with valid credentials   # src/test/resources/project_features/change_password.feature:3
1698081989208   geckodriver   INFO   Listening on 127.0.0.1:10242
1698081989529   mozrunner::runner   INFO   Running command: "C:\\Program Files\\Mozilla Firefox\\firefox.exe" "--marionette" "--remote-debugging-port" "33248" "--remote ...
console.warn: services.settings: Ignoring preference override of remote settings server
console.warn: services.settings: Allow by setting MOZ_REMOTE_SETTINGS_DEVTOOLS=1 in the environment
1698081990137   Marionette   INFO   Marionette enabled
Dynamically enable window occlusion 0
1698081990212   Marionette   INFO   Listening on port 2960
WebDriver BiDi listening on ws://127.0.0.1:33248
Read port: 2960
1698081991038   RemoteAgent   WARN   TLS certificate errors will be ignored for this session
DevTools listening on ws://127.0.0.1:33248/devtools/browser/b90faaa6-ba18-41c6-90fa-0d75778e2e2a
  Given the browser is open4   # Nest.change_password.browser_is_open()
  And the user is on the login page4   # Nest.change_password.user_is_on_login_page()
  When the user enters their email and password4   # Nest.change_password.the_user_enters_credentials()
console.warn: LoginRecipes: "Falling back to a synchronous message for: http://127.0.0.1:8000."
console.warn: LoginRecipes: "Falling back to a synchronous message for: http://127.0.0.1:8000."
JavaScript error: http://127.0.0.1:8000/, line 1037: TypeError: m.kommunicate is undefined
  And the user clicks on the login button4   # Nest.change_password.user_clicks_on_login()
Test Passed: Successfully logged in and password changed updated.
  Then the user should be navigated to the home and select profile and change password # Nest.change_password.navigate_to_home_page()

1 Scenarios (1 passed)
5 Steps (5 passed)
0m17.689s

Test report

Test Case 4					
Project Name: FindMyNest					
Password Change Test Case					
Test Case ID: 4			**Test Designed By:** Anandhu Biju		
Test Priority(Low/Medium/High): High			**Test Designed Date:** 23/10/2023		
Module Name: Change password			**Test Executed By :** Ms. Sruthimol Kurian		
Test Title : Verify change passwsord			**Test Execution Date:** 23/10/2023		
Description: Testing change password page					
Pre-Condition : User has valid username and password					
Step	Test Step	Test Data	Expected Result	Actual Result	Status(Pass/ Fail)

1	Navigation to profile page		Profile page should be displayed	Profile page displayed	Pass
2	Provide old password	Anandhu@987	User should be able Change Password	Password Must Change	Pass
4	Provide new password	Nandhu@987			
5	Provide confirm password	Jans@123			

Post-Condition: Password Change and inserted successfully into database