Selenium Webdriver Question

General Instructions for Webdriver:

- o Create a new workspace in eclipse with the naming convention 'CTREFNO_workspace' (Eg: CT20172514237_
- o workspace)
- o Create New Project with your CT Reference Number
- o Add the attached selenium jar files and jxl jar files to the library in eclipse using 'configure build path'
- o The latest chromedriver.exe file is attached with the question
- o Save the screenshot in project location
- o Save the input and output excel files in project location. Refer the folder structure given below
- o Import all the necessary packages
- o Once completed, zip the project folder in format of Name_CT Reference Number and upload the same
- o Should not do record and playback using IDE
- o Implement different locators for identifications

Question:

The following 3 negative test cases need to be automated in php Travel Registration portal using Selenium Webdriver. The registration portal needs some important and mandatory fields for completing the registration. The negative test cases are to check if the result (Error Messages) is coming correct on giving incorrect or improper data to do the registration.

Test Case No1:

Description: Give all the data valid except the Mobile number field

Expected result: The registration should be unsuccessful. The appropriate error message should be displayed

Test Case No:2

Description: Give the entire data valid except the password field, leave the 'Confirm password' field blank.

Expected result: The registration should be unsuccessful. The appropriate error message should be displayed

Test Case No:3

Description: Give all the data valid but give different values in both password fields.

Expected result: The registration should be unsuccessful. The appropriate error message should be displayed

Steps to be followed in the Webdriver script:

1. Launch the link https://phptravels.org/ in the Google chrome browser. Maximize the window.

2. Click on the 'register' link

3. The mandatory information need to be filled in 3 iterations as per the data given and click on 'Register' button.

4. Leave the "I'm not a robot" checkbox unchecked. The error message of Captcha can be ignored for the testing and need to consider only the error message due to incorrect data.

5. In all the 3 iterations, registration will be unsuccessful due to the incorrect/invalid data filled. The appropriate error message should be shown in the top of the page when one iteration finish. The expected error messages are given here.

6. Capture the screen shot of error message after each iteration and save it as a unique .jpg file in the project location. Note: Don't use same file name. New files should be generated on each save.

7. Write the error messages into an excel sheet output.xls and print the same in consol after each iteration. Output file should be saved in the project location.

8. Display the test case as either 'Passed' or 'Failed' based on the comparison of actual message against the below given error messages.

9. Close the window.

Test Data:

	1st Iteration	2nd Iteration	3rd Iteration
First Name	Nimisha	Jojo	Rishi
Last Name	Madhav	George	Dhawal
Email	nimm.mad@gmail.com	jojo@gmail.com	rishidhawal@gmail.com
Phone (Country code - India(+91) - This can be entered directly to the application not through input data sheet)	9878785612	9981324561	9794563456
Company	XYZ company	Chalmers	ABC Company
Street 1	Street No1	New street	old street
Street 2	Lords road	New street	old street
City	Aravatagi	East Delhi	Gadag
State	Karnataka	Delhi	Karnataka
Postcode	580007	110091	582103
Country	India	India	India
Mobile	Blank	9981324561	9794563456
Password	nimmy11_&	password123	grace1001_*
Confirm Password	nimmy11_&	Blank	grace1001_&

Note: The country code of phone' +91 India' need not to be passed through the input data sheet. As its common in all 3 iterations, it can be given directly through sendkeys().

Expected Error Messages:

Iteration 1: Mobile Number is required

Iteration 2: You did not confirm your password

Iteration 3: The passwords you entered are not same

Folder Structure