LabelHub Report

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1st for testing I have to download selenium and I had used vs code to run those code and use chrome and sometimes Firefox webdriver to avoid the problem like in giving the data to the website chrome was not working perfectly but when I used Firefox it works totally fine.

It will be a white box testing and mainly the user experience testing. How the buttons are working etc like that.

Sign in and Sign out testing:

For sign in and sign out I used some time and webdriverwait functions time.sleep() function I had used so that we can understand what is happing cause without sleep it happens in just some seconds so to observed the thigs become hard so used sleep.And had to use wait_until_visible_element cause in 1st some attempts before loading the elements boxes the name and pass were passed so it didn't do the signin properly because because of network issues we have to wait till the boxes are visible to pass the values automatically that's how I had do this testing.

Expected Outcome:
> if we give correct email and password it should login and logout properly.

Actual Outcome:
> yes it correctly login and logout.

The video of the automatic testing using selenium of that is below:

LabelHub_Login_logout.mp4

Create Project and delete Project testing:

Expected Outcome:
> 1. Won't create duplicates project even if they are completed or deleted also
> 2. Projects name have to be different
> 3. won't delete running projects
> 4. Projects can be delete only if they are finished.

Actual Outcome:
> 1. When I tried to create a same name project which I had added and deleted
> Manually so when I tried to add that again using selenium automatic it didn't create and said that this name is already used
> 2. Then I tried to delete a running project which also didn't happen and it shows running project can't be deleted
> 3. Then I tried different name project to create and it created perfectly

4.As it was created as completed so now I did try to delete that and it deleted perfectly also.

The video of the automatic testing using selenium of that is below:

[Createand delete projects.mp4](#)

Existed Project name and description edit testing:

Expected Outcome:

1. when I go the project page and click the edit option using selenium it should remove the name which was given and edit that to the recently passing key value.
2. And now also do the same for description also.

For this I had to use clear function to remove the previous name and description and do the edit.

Actual Outcome:

1. Yes it edited 1st the name
2. Then edited the description and submit that and now in dashboard its showing the edited **one**

The video of the automatic testing using selenium of that is below:

Project name and description edit.mp4

Upload a excel file to project data testing:

To upload the data from the pc automatically using selenium I had to install pyautogui in the environment then have to use that function to select the data from PC otherwise it was not selecting the file to upload there.

Expected Outcome:

1. It should take automatically add a excel file from the local computer file to the project data
2. The data should have different data same data won't be export.

Actual Outcome:

1. It takes the file from the pc's local location perfectly and added that perfectly
2. It didn't take same data file twice and shows there is no unique data there.

The video of the automatic testing using selenium of that is below:

There are two videos link please watch both to understand:
1. [Upload excel file to projectdata.mp4](#)
2. [No duplicate data export.mp4](#)

Export data from the project testing:

       Expected Outcome:
1. Click the export data
2. Choose the Ner type
3. it simply sends notification and sends an email to the given email with the data

       Actual Outcome: it did work and send email with the data zip file

The video of the automatic testing using selenium of that is below:

[exportProjectdata.mp4](#)

Manager details view and delete testing :

Expected Outcome:
1. When click the manager view button from the dashboard it should go to the manager page
2. Show the managers names and some details
3. After if I clicked the action button it should off the active status
4. When I clicked the delete button of a particular manager it should give a surety page where yes or no option will be shown
5. If I choose yes it should delete the manager and if I choose no it should not remove the manager.
6. If I click the eye button it should go the manager profile page and show all others information of that particular manager

Actual Outcome:
1. When I clicked that manager view using selenium it automatically go to the manager page
2. It shows the managers names and details perfectly
3. It action button doesn't work at all using selenium or manually also
4. I clicked the delete button and it shows a pop up yes or no option
5. If I click no it didn't delete the manager automatically perfectly. I didn't choose yes cause someone else manager will be deleted if I do so. But the yes also works perfectly

6. Now if I click the eye button of a particular manager it goes to the particular manager profile and shows the all information of that particular manager

The video link of doing all these using selenium automatic testing is below:

Manager page view details of manager and and delete manager.mp4

Configuration page create tag and delete tag testing:

Expected Outcome:
1. When clicked the configuration page it should go to that page
2. The do fill the category, tag name, short form and descriptions one by one
3. Click the add label button and show the tag is added
4. Won't add duplicates tag means tags have to be different names
5. Now if we click the button x in the tag it should give pop up text to sure or not
6. If we choose yes it should delete the tag and if no then the tag will remain same
7. If a tag is using in the running project it wont delete the tag at all

Actual Outcome:
1. After clicking configuration, it goes to the page perfectly
2. Do click them and fill up them accordingly giving the name
3. The tag added if there is no existence of that at all
4. if clicked the x button of the tag it deleted the particular tag
5. It doesn't delete the running project tags

The video of the automatic testing using selenium is below:

Configaration add label and delete label.mp4

Data page and 1st two view data testing:

Expected Outcome:
1. Login to self-made manager account(Bushra Hossain) and go to its dashboard
2. After clicking the data section in the left side it should leads us to the data page
3. Should show all the project's data's name in there
4. If we click the view it should go the that particular data's information

page

5. Should show all the information about that particular data
6. Then again go the data page and select the 2nd data view
7. Should do same as the 4 and 5 number step.

Actual Outcome:

1. Login to self-made account and go to its dashboard perfectly
2. After clicking data section it leads to data page
3. Shows all the projects data name there
4. Clicking the view it leads us to that particular data's whole information page
5. Then again come the data page and go to the 2nd data view page
6. Did show as step 4 and 5 for 2nd data also

The video of the automatic testing using selenium of that is below:

Datapage and View 1st 2 datas.mp4

Download the data from the data page:

Expected Outcome:

1. Login to self-made manager page
2. Clicking the data section it should leads to the data page
3. Should shows all the data names there
4. Click a particular data's cloud section to download
5. Should shows the notification about sending email of that data

Actual Outcome:

1. Does the login perfectly
2. leads to the data page
3. shows all the projects data names
4. after clicking the particular cloud it shows a pop up notification or can say pop up text about sending emails and email got in the given email address.

The video of the automatic testing using selenium of that is below:

download data from data page.mp4

Validators and Annotators page's all activities testing:

Expected Outcome:

1. Login the go the dashboard then click validator
2. After clicking validator go to the validator page
3. Should show all the validators names

4. Clicking the active status it should off and on the active status
5. Click a particular validator view option and it leads to that person whole information page
6. In that pages tasks are show how much that particular person did
7. Now clicking the group option we can see which group the person is included
8. Now clicking view option we can see the group details
9. Now clicking export data we can export the data which is assigned to the group
10. Clicking the assign data we have to give valid numbers available tasks is included.
11. Follow the same steps 4-10 for annotator page.

Actual Outcome:

1. Login and then click the validator perfectly
2. Goes the validator page and shows all names of them there
3. The active button doesn't work so we can't on or off the active status of a validator automatically and manually also
4. After clicking view goes to that particular person page and shows all the information
5. Shows the tasks and the percentages in a piechart
6. Clicking the group we can see the assign group
7. View option of the group leads us to the group page
8. In group page we clicked export so it sends email pop up text of sending the datas of that in email
9. Clicking the assign data we ca give only numbers to assign tasks
10. For the annotator pages do the same and got the same results as follow for validator

The video of the automatic testing using selenium of that is below:

Validator's all activity.mp4

Sign up to a new account testing:

Expected Outcome:
1. In the login page don't have account sign up button click leads us to the signup page
2. Now can click one by one information box and full fill them
3. In email it should take a valid email or show error
4. Should choose one validator or annotator in role

5. In number it should fill up with 11 digits number or show error
6. Password should contain the specification given like 6 length etc
7. If we click the eye in password it should show the password given
8. Now click submitting it should create a new account.

Actual Outcome:
1. Clicking sign up button leads us to the signup page
2. Clicking one by one box we can fill up the boxes
3. If we don't give valid email it shows error
4. Can choose one of the chooses annotator or validator
5. If we give mobile number less the 11 digit it shows error
6. Have to give a password in given specification
7. If we click the eye in the password we can see the given password
8. **Clicking** Submit button it should submit and create new user but it doesn't work at all automatically and manually also

The video of the automatic testing using selenium of that is below:

Signup new account.mp4

Signup new
account.mp4

Conclusion:

So the main purpose of that project was learning selenium perfectly and run test cases using that. In using selenium I had faced much difficulties in 1st some attempts but gradually it become easier to use.
The test strategy was that the all functions are given should work perfectly.
For uploading a file in the website using selenium it didn't work always the given method for some security issues. For that I had to install pyautogui in that environment then I had to import that and use pyautogui functions to select a the choose the file from my PC and upload that in the LabelHub website.
In the 'Red' sentences those didn't work how it should work manually and using selenium also.
And it has passed in most of the test cases.