**Hackathon Project**

**Domain : Quality Engineering and Assurance**

**Project Title : Finding Hospitals**

**Problem Statement :**

1.Search Doctors (any one speciality like Dentist, Cardiologist, etc) for any City (like Chennai, Bangalore, Pune, etc). Apply filters for Patient Stories, Experience, Fees, Availability and any one Sorting; Fetch & display the first 5 Doctor details.  
2. Go to "Surgeries". Extract & store all the surgeries in a List & display them in console output.  
3. Under "For Corporate -> Health and Wellness Plan", fill the form with invalid email id & valid details for other fields, validate if "Taking a demo" button is disabled. Print the observation in console output. Then provide email in valid format & click the button and validate "Thank You" message is displayed.

**Problem Description :**

1. Go to practo.com

2. Search doctors(any speciality)

for any city

apply filters for patient stories

experiences

fees

availability

any one sorting

Fetch and display the first 5 doctor deatils

3. Go to surgeries. extract and store all the surgeries in a list and display them in console output.

4. Under "for corporate -> Health and wellness plan "

fill the form with invalid email id and valid details for other fields,

validate if "Taking a demo" button is disabled. Print the observations in console output. Then

provide email in valid format and click the button and validate "Thank you" message is displayed.

**Frameworks used for Automation:**

1. Selenium WebDriver

2. Page Object Model

3. TestNG

4. Apache POI

5. Selenium Grid

**Dependencies Added:**

1. selenium-java

2. webdrivermanager

3. commons-io

4. commons-lang3

5. poi

6. poi-ooxml

7. log4j-core

8. log4j-api

9. extentreports

10. testing

**Steps Performed :**

1. Creating Test Cases

2. Adding logs to test Cases

3. Run tests on desired browser

4. Read common values from config.properties file

5. Data Driven testing

6. Grouping Test Cases

7. Adding Extent Reports

8. Run tests on Selenium Grid