



FINDING HOSPITALS

HACKATHON PROJECT

PRESENT TO YOU BY
TEAM 2

TEAM MEMBERS

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TECHNOLOGIES IMPLEMENTED

Selenium with Java



TestNG

Eclipse IDE

Maven

PROBLEM STATEMENT

FINDING HOSPITALS



- Site Used for Automation :
<https://www.practo.com/>
- Hospital near which is open 24*7
- Rating should be more than 3.5



DETAILED DESCRIPTION

- For Bangalore city, identify Hospitals that is Open 24/7, has Parking facility with rating more than 3.5; Display the hospital names
- In Diagnostics page, pick all the top cities name & store in a List; Display the same
- Go to Corporate Wellness, fill invalid details, schedule & capture the warning message from the alert

APPROACH

The Hackathon Problem was analyzed, and scope of the problem statement was discussed.

Selenium :

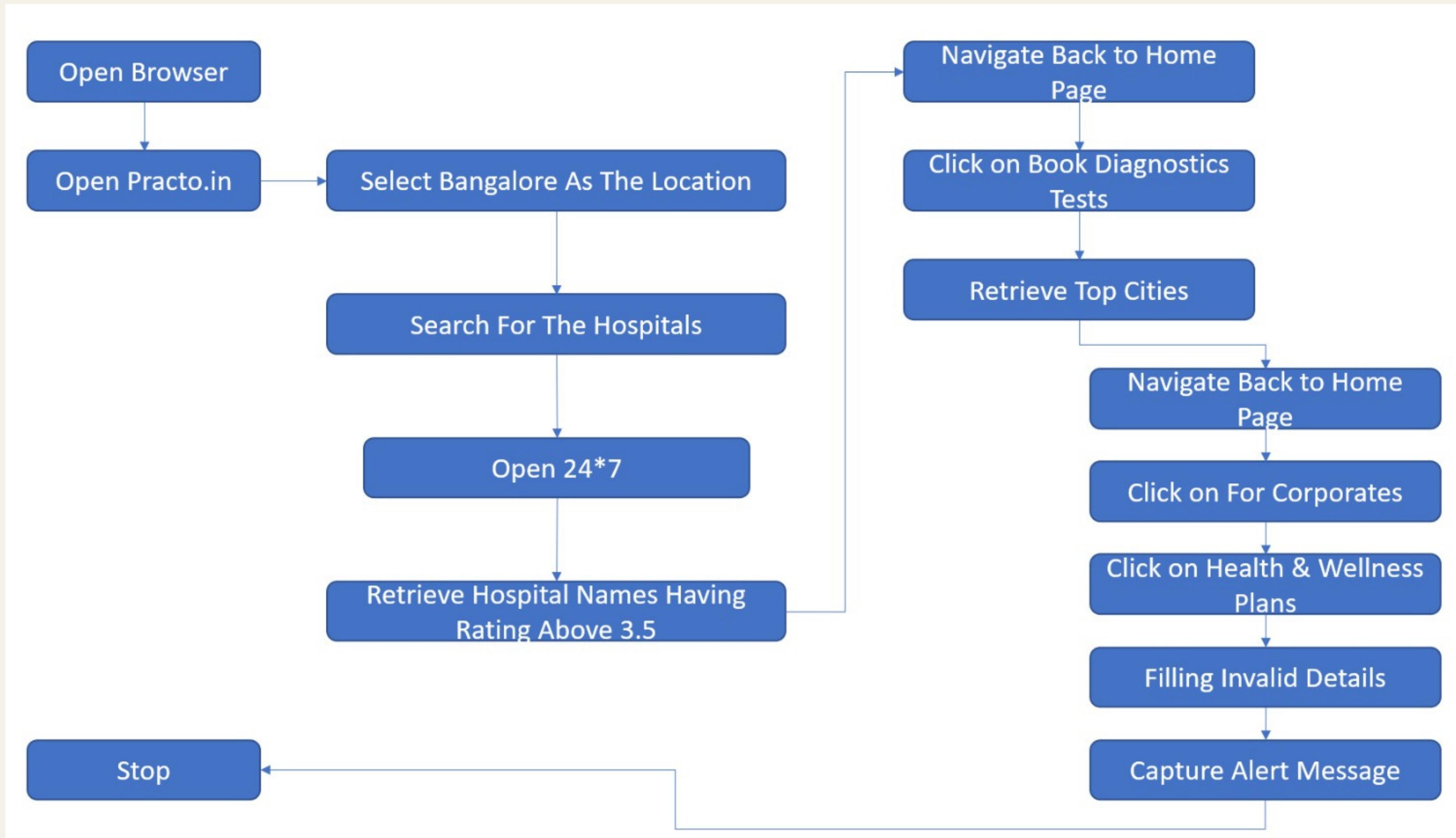
A open-source platform is used for automation of testing frameworks.

Multiple-Browsers such as Mozilla, Microsoft Edge are used.

Operating System used for Automation is Windows-11.



FLOW CHART



URL PAGE



Find Doctors Video Consult Medicines Lab Tests Surgeries

NEW For Corporates For Providers Security & help

Login / Signup

📍 Bangalore

Search doctors, clinics, hospitals, etc.

Try **PLUS** Save upto 60% on your healthcare expenses >

Limited slots

•practo• TRANSFORM

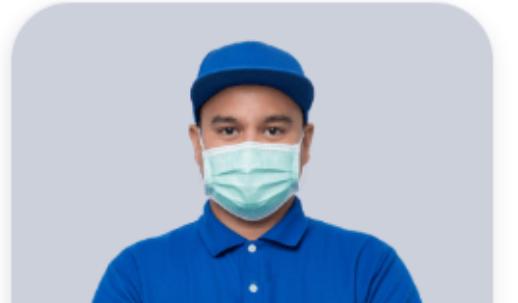
Live a diabetes-free life

Join Practo's Diabetes Remission Program

↓ Reduce HbA1c ↓ No more medications

Sign-up today

Based on medically proven research | Personalised care from an expert team



•practo•care SURGERIES

Book appointment with an expert surgeon
Piles, Hernia & 50+ surgeries

KNOW MORE

Select the city "Bangalore" and search for the "Hospital"



Limited slots

•practo• TRANSFORM

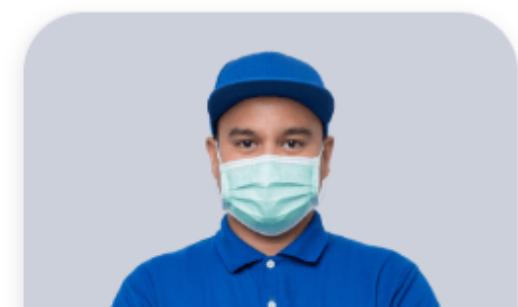
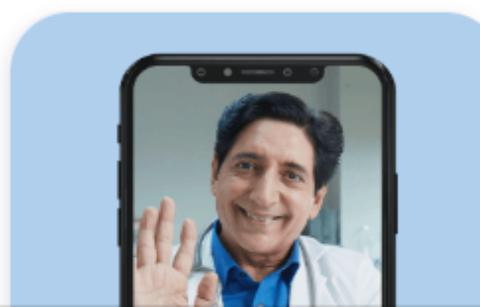
Live a diabetes-free life

Join Practo's Diabetes Remission Program

↓ Reduce HbA1c ↓ No more medications

Sign-up today

Based on medically proven research | Personalised care from an expert team



The list of hospitals are displayed

📍 Bangalore

🔍 hospital

Fed up of endless wait?
Look for clinic with Prime ✓

1,145 Hospitals in Bangalore

BGS Gleneagles Global Hospital
Multi-speciality Hospital 📍 Kengeri and +1 centers
₹400 - ₹1000 Consultation Fees
30 Specialities • 43 Doctors ⏰ MON - SAT 09:00AM - 6:00PM


Dr. Naveen Kumar
Hair Transplant Surgeon
19 years experience
99% • 62 Patient Stories


Dr. Balakrishna GK
Internal Medicine
37 years experience
83% • 13 Patient Stories


Dr. Siri Kamath
General Physician
14 years experience
4.5 (434 rated)

Book hospital visit

Smiles Institute of Gastroenterology
Multi-speciality Hospital 📍 Mathikere - BEL and +1 centers
₹500 - ₹1000 Consultation Fees
6 Specialities • 5 Doctors ⏰ MON - SUN 00:00AM - 11:59PM


Dr. Parameshwara C M
General Surgeon
29 years experience


Dr. Sujeev
General Surgeon
21 years experience


Dr. Prashanth J.V
Laparoscopic Surgeon
28 years experience
5.0 (312 rated)

Hospital Overview in Bangalore

	Min	Avg	Max
Fee	₹ 400	₹ 714	₹ 1000
Wait Time	30 min	60 min	90 min
Ratings	★ 4.5	★ 4.7	★ 5
Reviews	4	143	434

Hospitals in Top Cities

- Hospitals in Vijayawada
- Hospitals in Coimbatore
- Hospitals in Bhopal
- Hospitals in Indore
- Hospitals in Kochi
- Hospitals in Hyderabad
- Hospitals in Visakhapatnam
- Hospitals in Chennai
- Hospitals in Patna
- Hospitals in Agra

Top speciality hospitals in Bangalore

- Vascular Surgery Hospitals in Bangalore
- Urology Hospitals in Bangalore
- Neurology Hospitals in Bangalore
- Hematology Hospitals in Bangalore
- Pediatric Surgery Hospitals in

Check the hospital is “Open 24/7” and has rating more than 3.5

99% • 62 Patient Stories

05/0 • 15 Patient Stories

Book hospital visit

Smiles Institute of Gastroenterology

Multi-speciality Hospital • Mathikere - BEL and +1 centers

₹500 - ₹1000 Consultation Fees

6 Specialities • 5 Doctors • MON - SUN 00:00AM - 11:59PM

 Dr. Parameshwara C M
General Surgeon
29 years experience
97% • 257 Patient Stories

 Dr. Sujeev
General Surgeon
21 years experience
75% • 7 Patient Stories

 Dr. Prashanth J.V
Laparoscopic Surgeon
28 years experience
97% • 39 Patient Stories

5.0 (312 rated)

Book hospital visit

**practo.
care**
SURGERIES

General Surgery Hospital • HAL 2nd Stage and +13 centers

₹950 Consultation Fees

3 Specialities • 1 Doctor • MON - SUN 09:00AM - 7:00PM

 Dr. Yuvrajsingh
Laparoscopic Surgeon
22 years experience
100% • 808 Patient Stories

Book hospital visit

Hospitals in Indore
Hospitals in Kochi
Hospitals in Hyderabad
Hospitals in Visakhapatnam
Hospitals in Chennai
Hospitals in Patna
Hospitals in Agra

Top speciality hospitals in Bangalore

Vascular Surgery Hospitals in Bangalore
Urology Hospitals in Bangalore
Neurology Hospitals in Bangalore
Hematology Hospitals in Bangalore
Pediatric Surgery Hospitals in Bangalore
Ent Hospitals in Bangalore
Gastroenterology Hospitals in Bangalore
Pain Management Hospitals in Bangalore
Alternative Medicine Hospitals in Bangalore
Neurosurgery Hospitals in Bangalore

Top Services in Bangalore

Doctors For Hair Treatment in Bangalore
Doctors For Tiffa Scan in Bangalore
Doctors For Giddiness in Bangalore
Doctor For Schizophrenia Treatment in Bangalore
Doctors For Laminates in Bangalore
Doctors For Spondylosis in Bangalore
Doctors For Hysteroscopy in Bangalore

Go to the Home Page and scroll down then click "on Book Diagnostic Tests"

The image shows the footer section of the Practo website. On the left, there's a sidebar with links like 'About', 'Blog', 'Careers', 'Press', and 'Contact Us'. A white arrow points from the text above to the 'Book Diagnostic Tests' link in the 'For patients' section. The main menu is organized into columns: 'For patients' (Search for doctors, clinics, hospitals; Book Diagnostic Tests, Full Body Checkups, Practo Plus, Covid Hospital listing, Practo Care Clinics, Read health articles, Read about medicines, Practo drive, Health app, Practo Plus Infinity), 'For doctors' (Practo Profile, Ray by Practo, Practo Reach, Ray Tab, Practo Pro), 'For hospitals' (Insta by Practo, Qikwell by Practo, Practo Profile, Practo Reach, Practo Drive, Wellness Plans), 'More' (Help, Developers, Privacy Policy, Terms & Conditions, PCS T&C, Healthcare Directory, Practo Health Wiki), and 'Social' (Facebook, Twitter, LinkedIn, YouTube, GitHub). At the bottom center is the large 'practo.' logo. To the right is a promotional box for 'practo.care SURGERIES' with a surgeon photo and a 'KNOW MORE' button.

Practo

About
Blog
Careers
Press
Contact Us

For patients

Search for doctors
Search for clinics
Search for hospitals
Book Diagnostic Tests
Book Full Body Checkups
Practo Plus
Covid Hospital listing
Practo Care Clinics
Read health articles
Read about medicines
Practo drive
Health app
Practo Plus Infinity

For doctors

Practo Profile
For clinics
Ray by Practo
Practo Reach
Ray Tab
Practo Pro

For hospitals

Insta by Practo
Qikwell by Practo
Practo Profile
Practo Reach
Practo Drive
For Corporates
Wellness Plans

More

Help
Developers
Privacy Policy
Terms & Conditions
PCS T&C
Healthcare Directory
Practo Health Wiki

Social

Facebook
Twitter
LinkedIn
YouTube
GitHub

practo.

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practo.care
SURGERIES

Book appointment with
an expert surgeon
Piles, Hernia & 50+ surgeries

KNOW MORE

All the top cities names will be printed

practo. Find Doctors Video Consult Medicines Lab Tests Surgeries NEW For Corporates For Providers Security & help Login / Signup

Select a city

Search for city

TOP CITIES



Bangalore Delhi Mumbai Chennai Hyderabad Kolkata Pune Ahmedabad

ALL CITIES

Agra	Ahmedabad	Allahabad	Ambala
Amritsar	Aurangabad	Bangalore	Bhopal
Bhubaneswar	Chandigarh	Chennai	Dehradun
Delhi	Dhanbad	Gorakhpur	Greater Noida
Gurugram	Guwahati	Gwalior	Hisar
Howrah	Hyderabad	Indore	Jabalpur
Jaipur	Jalandhar	Jammu	Jamshedpur
Jodhpur	Kanpur	Kochi	Kolkata
Lucknow	Ludhiana	Mangalore	Meerut
Mohali	Mumbai	Mysore	Nagpur

Go Back to the home page and click on "For Corporates"

•practo• Find Doctors Video Consult Medicines Lab Tests Surgeries → NEW For Corporates For Providers Security & help Login / Signup

④ Bangalore Search doctors, clinics, hospitals, etc.

Try PLUS Save upto 60% on your healthcare expenses >

Limited slots

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Live a diabetes-free life

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Reduce HbA1c No more medications

Sign-up today

Based on medically proven research | Personalised care from an expert team

•practo•care SURGERIES

Book appointment with an expert surgeon
Piles, Hernia & 50+ surgeries

KNOW MORE

Click on Health & Wellness Plans

The screenshot shows the Practo website homepage. At the top, there is a navigation bar with links for 'Find Doctors', 'Video Consult', 'Medicines', 'Lab Tests', 'Surgeries', 'For Corporates', 'For Providers', 'Security & help', and 'Login / Signup'. A red arrow points from the text above to a dropdown menu labeled 'Health & Wellness Plans' which is currently open. This menu also includes a 'Group Insurance' option. Below the navigation bar, there is a search bar with the placeholder 'Search doctors, clinics, hospitals, etc.' and a location selector set to 'Bangalore'. A large purple banner dominates the center of the page, advertising 'Practo TRANSFORM' and 'Live a diabetes-free life'. It features three healthcare professionals (two women and one man) and includes text about reducing HbA1c and stopping medications, along with a 'Sign-up today' button. A callout below the banner states 'Based on medically proven research | Personalised care from an expert team'. At the bottom, there are several smaller promotional cards for services like video consultations, medicines, lab tests, surgeries, and expert surgeon bookings.

•practo• Find Doctors Video Consult Medicines Lab Tests Surgeries NEW For Corporates For Providers Security & help Login / Signup

📍 Bangalore Search doctors, clinics, hospitals, etc.

Limited slots

•practo• TRANSFORM

Live a diabetes-free life

Join Practo's Diabetes Remission Program

Reduce HbA1c No more medications

Sign-up today

Based on medically proven research | Personalised care from an expert team

Health & Wellness Plans

Group Insurance

Try PLUS Save upto 60% on your healthcare expenses >

KNOW MORE

Fill the invalid credentials on this page

•practo•

Our Services Practo Ecosystem Product Capabilities Testimonials FAQs Group Insurance

Your Workplace Health and Wellness Partner

Over 30cr users benefited by our holistic, customizable and accessible healthcare solutions

Schedule a Demo

Rubina

CTS

8764.0

rubinasali

<500

Referring someone

Schedule a demo

Privacy - Terms

OUTPUT

```
File Edit Source Refactor Navigate Search Project Run Window E
Problems Javadoc Declaration Console Results of running class
<terminated> TestCases [TestNG] C:\Program Files\java\jdk-18.0.2\bin\javaw.exe (02-Apr-2023, 11:06:20 pm - 11:07:47 pm) [pid: 31168]
Total hospitals : 23
=====
Filtering based on Rating>3.5:
=====
rating is 4.5 name is BGS Gleneagles Global Hospital
rating is 5.0 name is Smiles Institute of Gastroenterology
rating is 4.5 name is Practo Care Surgeries
rating is 4.5 name is Practo Care Surgeries
rating is 4.0 name is Manipal Hospitals Yeshwanthpur
rating is 4.0 name is Manipal Hospital Varthur Road
rating is 4.5 name is Motherhood Hospital
rating is 4.0 name is Koshys Hospital
rating is 4.0 name is Apollo Spectra Hospitals
rating is 4.5 name is Chirag Hospital
rating is 4.5 name is Apollo Cradle & Childrens Hospital
rating is 4.5 name is NU Hospitals
rating is 4.5 name is Manipal Hospital
rating is 4.5 name is Specialist Hospital
rating is 4.5 name is Aster CMI Hospital
rating is 4.5 name is Nano Hospitals
rating is 4.0 name is Marvel Multispeciality Hospital
rating is 4.5 name is Apollo Cradle & Childrens Hospital
rating is 4.5 name is Cloudnine Hospital - Old Airport Road
rating is 4.0 name is Apollo Hospital
size : 20
=====
Hospitals that are open 24/7 :
=====
Smiles Institute of Gastroenterology
Manipal Hospitals Yeshwanthpur
Koshys Hospital
Apollo Cradle & Childrens Hospital
NU Hospitals
```

```
eclipse - FindingHospitals/src/main/java/pageClasses/TopCitiesPage.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Problems Javadoc Declaration Console Results of running class TestCases
<terminated> TestCases [TestNG] C:\Program Files\java\jdk-18.0.2\bin\javaw.exe (02-Apr-2023, 11:06:20 pm - 11:07:47 pm) [pid: 31168]
NU Hospitals
Specialist Hospital
Cloudnine Hospital - Old Airport Road
size : 7
=====
Hospitals after filtering based on 24/7 and rating>3.5 :
=====
Smiles Institute of Gastroenterology
Manipal Hospitals Yeshwanthpur
Koshys Hospital
Apollo Cradle & Childrens Hospital
NU Hospitals
Specialist Hospital
Cloudnine Hospital - Old Airport Road
size : 7
=====
Top cities:
=====
[Bangalore, Delhi, Mumbai, Chennai, Hyderabad, Kolkata, Pune, Ahmedabad]
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
console.error: (new TypeError("lazy.AsyncShutdown.profileBeforeChange is undefined", "resource://services-settings/Database.jsm", 603))
JavaScript warning: https://www.google.com/js/th/23K_wv65UPCiABIo6r4TLz_7ITKDRTsdN0481kHWjEo.js line 2 > eval line 97 > eval line 1 > eval line 1 > eval, line 1: 1
1680457062736  RemoteAgent  INFO  Perform WebSocket upgrade for incoming connection from 127.0.0.1:59280
1680457062770  CDP  WARN  Invalid browser preferences for CDP. Set "fission.webContentIsolationStrategy" to 0 and "fission.bfcacheInParent" to false before F:
1680457062959  Marionette  INFO  Stopped listening on port 59153
Dynamically enable window occlusion 1
[Parent 35440, IPC I/O Parent] WARNING: DuplicateHandle failed for handle 0 in TransferHandles: file /builds/worker/checkouts/gecko/ipc/chromium/src/chrome/common
PASSED: topCitiesTest
PASSED: formTest({officialEmailId=rubinasali, name=Rubina, contactNumber=8764.0, organizationName=CTS})
PASSED: HospitalPageTest
=====
```

Test Execution Report

Extent Finding Hospitals Test Report Apr 02, 2023 22:21:41 3.1.5

Status ▲ Dashboard ⏪ Search 🔎

Tests Steps

3 test(s) passed 5 step(s) passed
1 test(s) failed, 0 others 1 step(s) failed, 4 others

Pass Fail

Pass Fail Info

Tests

Test Name	Timestamp	Status
Finding Hospitals	Apr 02, 2023 22:21:41	Pass
Finding Hospital Names	Apr 02, 2023 22:22:16	Pass
Top Cities	Apr 02, 2023 22:22:29	Pass
Fill Invalid Details And Print Alert Message	Apr 02, 2023 22:22:40	Fail

Finding Hospitals

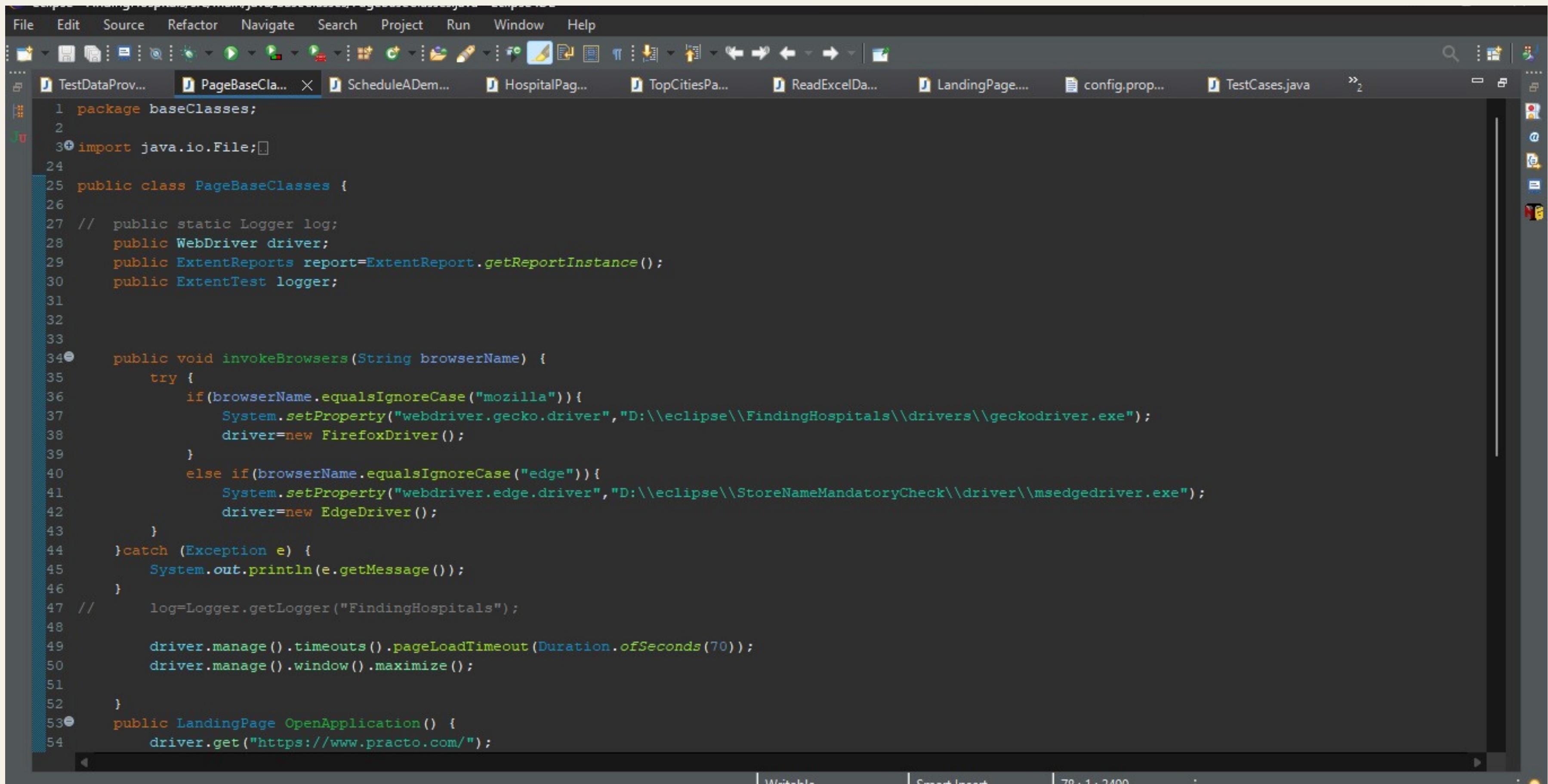
Apr 02, 2023 22:21:41 Apr 02, 2023 22:22:09 0h 0m 27s+117ms

Details

Status	Timestamp	Details
Info	10:21:54 PM	Opening Browser
Info	10:22:09 PM	Opened Practo.com

① ✓ ✘ ✗ ! ⚡ ↻ ✖

PageBaseClass.java

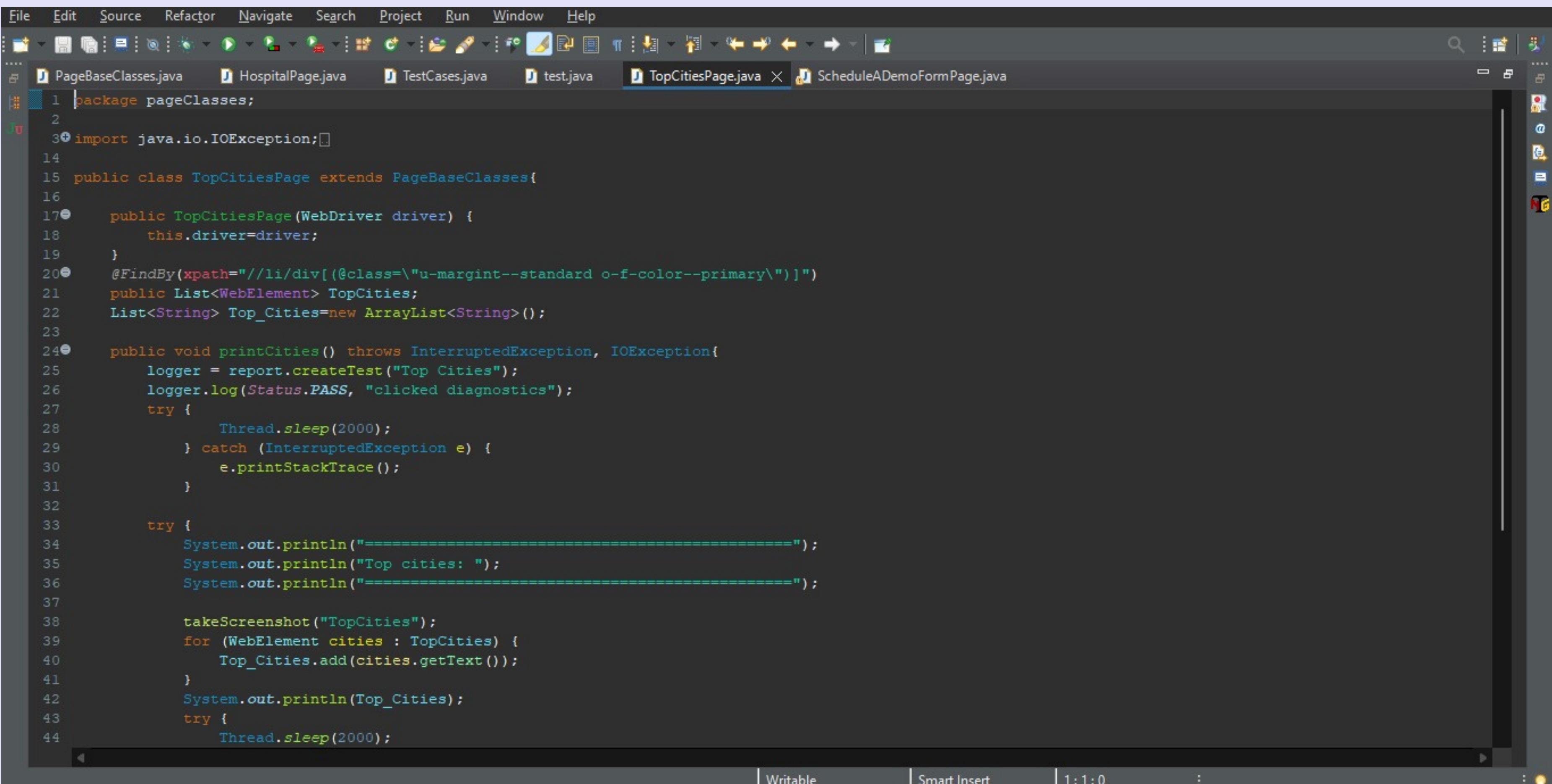


The screenshot shows the Eclipse IDE interface with the 'PageBaseClass.java' file open in the editor. The code implements a base class for web automation, handling browser initialization and application opening.

```
1 package baseClasses;
2
3+import java.io.File;
4
5 public class PageBaseClasses {
6
7 //    public static Logger log;
8     public WebDriver driver;
9     public ExtentReports report=ExtentReport.getReportInstance();
10    public ExtentTest logger;
11
12
13
14    public void invokeBrowsers(String browserName) {
15        try {
16            if(browserName.equalsIgnoreCase("mozilla")){
17                System.setProperty("webdriver.gecko.driver","D:\\eclipse\\FindingHospitals\\drivers\\geckodriver.exe");
18                driver=new FirefoxDriver();
19            }
20            else if(browserName.equalsIgnoreCase("edge")){
21                System.setProperty("webdriver.edge.driver","D:\\eclipse\\StoreNameMandatoryCheck\\driver\\msedgedriver.exe");
22                driver=new EdgeDriver();
23            }
24        }catch (Exception e) {
25            System.out.println(e.getMessage());
26        }
27 //        log=Logger.getLogger("FindingHospitals");
28
29        driver.manage().timeouts().pageLoadTimeout(Duration.ofSeconds(70));
30        driver.manage().window().maximize();
31
32    }
33
34    public LandingPage OpenApplication() {
35        driver.get("https://www.practo.com/");
36
37    }
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54 }
```

The code includes imports for Java's `java.io.File`, a package declaration for `baseClasses`, and class definitions for `PageBaseClasses` and `LandingPage`. It handles browser-specific properties and drivers, manages timeouts and windows, and initializes the application at `https://www.practo.com/`.

TopCitiesPage.java



The screenshot shows an IDE interface with the following details:

- Menu Bar:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help.
- Toolbar:** Includes icons for file operations like Open, Save, Print, and various project management tools.
- Project Explorer:** Shows files: PageBaseClasses.java, HospitalPage.java, TestCases.java, test.java, TopCitiesPage.java (selected), and ScheduleADemoFormPage.java.
- Code Editor:** Displays the Java code for TopCitiesPage.java. The code implements a WebDriver interface to interact with a web page, specifically targeting a list of top cities. It includes methods for printing city names to the console and taking screenshots.
- Status Bar:** Shows "Writable", "Smart Insert", "1:1:0", and other status indicators.

```
1 package pageClasses;
2
3+ import java.io.IOException;
4
5 public class TopCitiesPage extends PageBaseClasses{
6
7+     public TopCitiesPage(WebDriver driver) {
8         this.driver=driver;
9     }
10+    @FindBy(xpath="//li/div[(@class='u-margint--standard o-f-color--primary')]")
11    public List<WebElement> TopCities;
12    List<String> Top_Cities=new ArrayList<String>();
13
14+    public void printCities() throws InterruptedException, IOException{
15        logger = report.createTest("Top Cities");
16        logger.log(Status.PASS, "clicked diagnostics");
17        try {
18            Thread.sleep(2000);
19        } catch (InterruptedException e) {
20            e.printStackTrace();
21        }
22
23        try {
24            System.out.println("=====");
25            System.out.println("Top cities: ");
26            System.out.println("=====");
27
28            takeScreenshot("TopCities");
29            for (WebElement cities : TopCities) {
30                Top_Cities.add(cities.getText());
31            }
32            System.out.println(Top_Cities);
33            try {
34                Thread.sleep(2000);
35            } catch (InterruptedException e) {
36                e.printStackTrace();
37            }
38        }
39    }
40}
```

HospitalPage.java

eclipse - FindingHospitals/src/main/java/pageClasses/HospitalPage.java - Eclipse IDE

File Edit Source Refactor Navigate Project Run Window Help

PageBaseClasses.java *HospitalPage.java X TestCases.java hsptl.java test.java TopCitiesPage.java ScheduleADemoFormPage.java

```
1 package pageClasses;
2
3+ import java.io.IOException;
15
16 public class HospitalPage extends PageBaseClasses{
17     public HospitalPage(WebDriver driver) {
18         this.driver=driver;
19     }
20     @FindBy(xpath="//div[@class='inner']/child::div[1]")
21     public List<WebElement> box;
22
23     @FindBy(xpath="//div[@class='text-l']/span[1] /parent::div[1]/parent::div[1]/parent::div[1]/preceding-sibling::div[1]/div/a")
24     public List<WebElement> Hsp;
25
26     @FindBy(xpath="//div/a[(@class=\"line-1\")]")
27     public List<WebElement> HospitalNames;
28
29     @FindBy(xpath="//div/span[(@class=\"uv2-spacer--lg-left\")]")
30     public List<WebElement> Time;
31     @FindBy(xpath="//div[@class='text-l']//span[1]")
32     public List<WebElement> Ratings;
33
34     List<Float> rate=new ArrayList<Float>();
35     List<String> Hospital=new ArrayList<String>();
36
37     List<String> hsptltime=new ArrayList<String>();
38     List<String> hsptlrate=new ArrayList<String>();
39
40     public void hospitalList() throws InterruptedException, IOException{
41         logger = report.createTest("Finding Hospital Names");
42         int y=0;
43
44         logger.log(Status.INFO, "searched with city bangalore and hospital");
```

ScheduleADemoPage.java

The screenshot shows a Java IDE interface with the ScheduleADemoPage.java file open. The code defines a class that extends PageBaseClasses and contains various WebElement fields and methods for interacting with a web form. The code uses annotations like @FindBy and @FindBy to identify specific elements on the page.

```
16 public class ScheduleADemoFormPage extends PageBaseClasses {
17     public ScheduleADemoFormPage(WebDriver driver) {
18         this.driver=driver;
19     }
20     @FindBy(id="name")
21     public WebElement name_textBox;
22
23     @FindBy(id="organizationName")
24     public WebElement Orgname_textBox;
25
26     @FindBy(id="contactNumber")
27     public WebElement ContactNo_textBox;
28
29     @FindBy(name="officialEmailId")
30     public WebElement email_textBox;
31
32     @FindBy(name="organizationSize")
33     public WebElement size_drpdown;
34
35     @FindBy(xpath="/html/body/div[1]/div/div/header[1]/div[2]/div/form/div[5]/select/option[2]")
36     public WebElement size;
37
38     @FindBy(name="interestedIn")
39     public WebElement interest_drpdown;
40
41     @FindBy(xpath="/html/body/div[1]/div/div/header[1]/div[2]/div/form/div[6]/select/option[3]")
42     public WebElement interest;
43
44     @FindBy(xpath="/html/body/div[1]/div/div/header[1]/div[2]/div/form/button")
45     public WebElement Submit;
46
47     public void invalidDetails(String name, String organizationName, String contactNumber, String officialEmailId ) throws InterruptedException, IOException {
48         logger = report.createTest("Fill Invalid Details And Print Alert Message");
49         logger.log(Status.PASS, "clicked Plans");
```

LandingPage.java

The screenshot shows a Java IDE interface with the following details:

- Toolbar:** Includes standard icons for file operations (File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help), navigation (Back, Forward, Home, Stop, Refresh), and search.
- Project Explorer:** Shows files like TestDataProv..., PageBaseCla..., ScheduleADem..., HospitalPag..., *TopCitiesP..., ReadExcelDa..., config.prop..., TestCases.java, and LandingPage....
- Code Editor:** Displays the `LandingPage.java` file content. The code is a class definition for `LandingPage` extending `PageBaseClasses`. It includes several instance variables and methods for interacting with a web page, specifically focusing on hospital search results.
- Status Bar:** Shows "Writable", "Smart Insert", and the timestamp "1:21:20".

```
11 public class LandingPage extends PageBaseClasses {
12
13     public LandingPage(WebDriver driver) {
14         this.driver=driver;
15     }
16
17     @FindBy(xpath="/html/body/div[1]/div/div/div[2]/div/div/div[1]/div/input")
18     public WebElement cityName;
19     @FindBy(xpath="/html/body/div[1]/div/div/div[2]/div/div/div[1]/div[1]/span[2]/span/i")
20     public WebElement clr;
21     @FindBy(xpath="/html/body/div/div/div[2]/div/div/div[1]/div[2]/div[2]/div[1]")
22     public WebElement cityNameSel;
23
24
25     @FindBy(xpath="/html/body/div[1]/div/div/div[2]/div/div/div[2]/div/input")
26     public WebElement search_textbox;
27     @FindBy(xpath="/html/body/div[1]/div/div/div[2]/div/div/div[2]/div[2]/div[1]/span[2]/span")
28     public WebElement sel_hsptl;
29
30
31     //1. For Bangalore city, identify Hospitals that is Open 24/7, has Parking facility with rating more than 3.5; Display the hospital names
32     public HospitalPage hospital(String city, String search) {
33         cityName.click();
34         clr.click();
35         cityName.sendKeys(city);
36         try {
37             Thread.sleep(2000);
38         } catch (InterruptedException e) {
39             e.printStackTrace();
40         }
41         cityNameSel.click();
42         search_textbox.sendKeys(search);
43         try {
44             Thread.sleep(2000);
```

SmokeTest.java

```
eclipse - running hospitals/src/test/java/testcases/SmokeTest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
ScheduleADem... HospitalPag... TopCitiesPa... LandingPage... config.prop... TestCases.java ExtentRepor... ReadConfig.java SmokeTest.java X >4
15
Run All
16 public class SmokeTest extends PageBaseClasses{
17     HospitalPage hospitals;
18     LandingPage landingPage;
19     ScheduleADemoFormPage form=new ScheduleADemoFormPage(driver);
20     TopCitiesPage cities;
21     ReadConfig readconfig;
22     PageBaseClasses pageBase=new PageBaseClasses();
23
24    public SmokeTest() {
25        this.readconfig = new ReadConfig();
26    }
27
28    @BeforeTest
29    public void test() {
30        pageBase.invokeBrowsers(readconfig.getBrowser());
31        landingPage=pageBase.OpenApplication();
32    }
33
34
35    @Test
36    Run | Debug
37    public void hospitalTest() throws InterruptedException, IOException {
38        hospitals=landingPage.hospital(readconfig.getCity(), readconfig.getSearch());
39        System.out.println("list of hospitals");
40        hospitals.hospitalList();
41    }
42
43    @AfterTest
44    public void closeBrowser() {
45        hospitals.closeBrowser();
46    }

```

TestCases.Java

The screenshot shows a Java IDE interface with the following details:

- Menu Bar:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help.
- Toolbar:** Includes icons for New, Open, Save, Cut, Copy, Paste, Find, Replace, Select All, Undo, Redo, and others.
- Project Explorer:** Shows files like TestDataProv..., PageBaseCla..., ScheduleADem..., HospitalPag..., *TopCitiesP..., ReadExcelDa..., LandingPage..., config.prop..., and TestCases.java (which is selected).
- Code Editor:** Displays the content of the TestCases.java file.
- Right Panel:** Shows various toolbars and settings.

```
45
46     //1. For Bangalore city, identify Hospitals that is Open 24/7, has Parking facility with rating more than 3.5; Display the hospital names
47● @Test(priority=1)
Run | Debug
48     public void HospitalPageTest() throws InterruptedException, IOException{
49
50         hospitals=landingPage.hospital(readconfig.getCity(), readconfig.getSearch());
51         System.out.println("list of hospitals");
52         hospitals.hospitalList();
53     }
54
55     // 2. In Diagnostics page, pick all the top cities name & store in a List; Display the same
56● @Test(priority=2)
Run | Debug
57     public void topCitiesTest() throws InterruptedException, IOException {
58         cities=landingPage.clickDiagnostics();
59         System.out.println("Top cities: ");
60         cities.printCities();
61     }
62
63     // 3. Go to Corporate Wellness, fill invalid details, schedule & capture the warning message from the alert
64● @Test(dataProvider="getInputData",priority=3)
Run | Debug
65     public void formTest(Hashtable<String,String> testData) throws InterruptedException, IOException{
66         form=landingPage.clickPlans();
67         form.invalidDetails(testData.get("name"),testData.get("organizationName"),testData.get("contactNumber"),testData.get("officialEmailId"));
68         form.alertPresent();
69         try {
70             Thread.sleep(3000);
71         } catch (InterruptedException e) {
72             e.printStackTrace();
73         }
74     }
75 }
```

THANK YOU

