

## Practical No. 05

Aim: Test a website using automation tool like Selenium.

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## Experiment No. 05

Aim: Test a website using automation tool like Selenium.

Theory:

What is Selenium?

- • Selenium is an automated tool that automates web browsers.
- It is an open source tool.
- It provides a single interface that lets you write test scripts in programming languages like Ruby, Java, Node.js, PHP, Perl, Python, and C# among others.
- A browser - driver then executes these scripts on a browser - instance on your device.

What types of Testing can be automated with selenium?

- • Types of testing that are commonly automated with Selenium are:
  - 1) Compatibility Testing
  - 2) Performance Testing
  - 3) Integration Testing
  - 4) System Testing
  - 5) End-to-End testing
  - 6) Regression testing

Test Cases:

Test Case name: Details

Command	Target	Value
1. open	http://pratyaydhond.me/Self - Assess.	
2. set window size	1536 x 816	
3. click	css = nav-item:nth-child(2).nav-link	
4. click	linkText = FAQ	
5. click	css = nav-item:nth-child(4).nav-link	
6. click	name = name	
7. type	name = name	Pratyay Dhond
8. type	name = email	dhondpratyay@gmail.com
9. click	name = message	
10. type	name = message	Software testing using selenium
11. click	css = .btn	
12. Select frame	index = 0	
13. click	id = recaptcha-anchor-label	
14. Select frame	relative = parent	
15. click	id = close-btn	
16. Select frame	relative = parent	
17. click	linkText = AnyonecanGo.de	

2) Test case name: Not severe symptoms but testing recommended.

Command	Target	Value
1. Open	http://pratyaydhond.me/	
2. Set window size	Self-Assess	
3. click	1536 x 816	
4. click	css = .btn	
5. click	id = button	
6. click	id = btn2	
7. click	id = btn1	
8. click	id = btn2	
9. click	id = btn1	
10. click	id = btn2	
11. click	id = btn1	

3) Test Case Name: Not Severe Symptoms:

Command	Target	Value
1. Open	http://pratyaydhond.me/Self-Assess	
2. Set window size	1536 x 816	
3. click	css = .btn	
4. click	id = button	

sunIV

Jagrat

bromine)

benzene ring

2,2-difluoropropane

219 x 264

add - Br

Jagrat

bromine)

Conclusion:

Thus, I tested the Self Assess website using automation tool Selenium.

## Output:

### Project : Practical5

The screenshot shows the Selenium IDE interface with the project name "Practical5". There are four test cases listed:

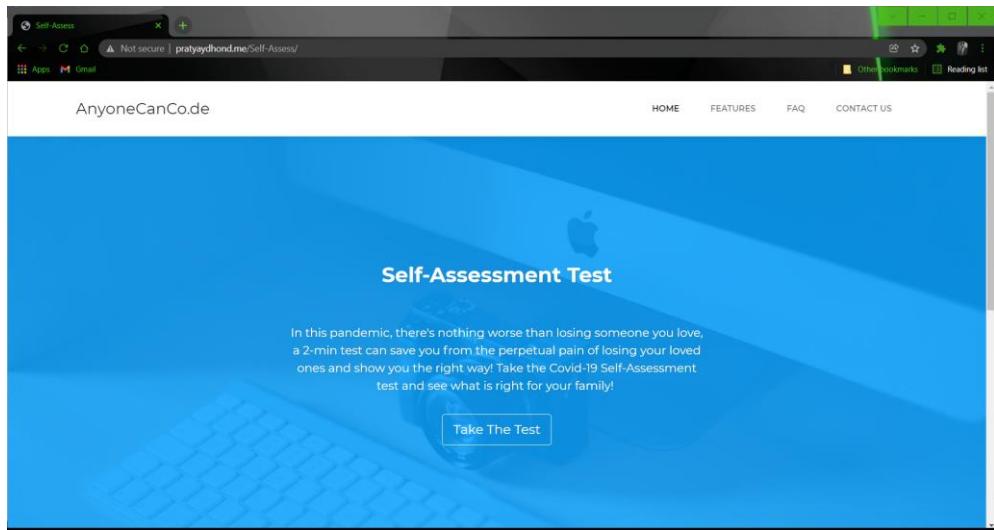
Test Case	Command	Target	Value
Not Severe Symptoms but tell	open	http://pratyaydhond.me/Self-Assess/	
Not severe symptoms	set window	1536x816	
Severe-Covid-Symptoms	click	css= nav-item:nth-child(2) > .nav-link	
	click	linkText=FAQ	
	click	css= nav-item:nth-child(4) > .nav-link	
	click	name=name	
	type	name=name	
	type	name=email	Pratyay Dhond
	click	name=message	dhondpratyay@gmail.com

Selenium window with the four test cases

### Steps Common in all test cases:

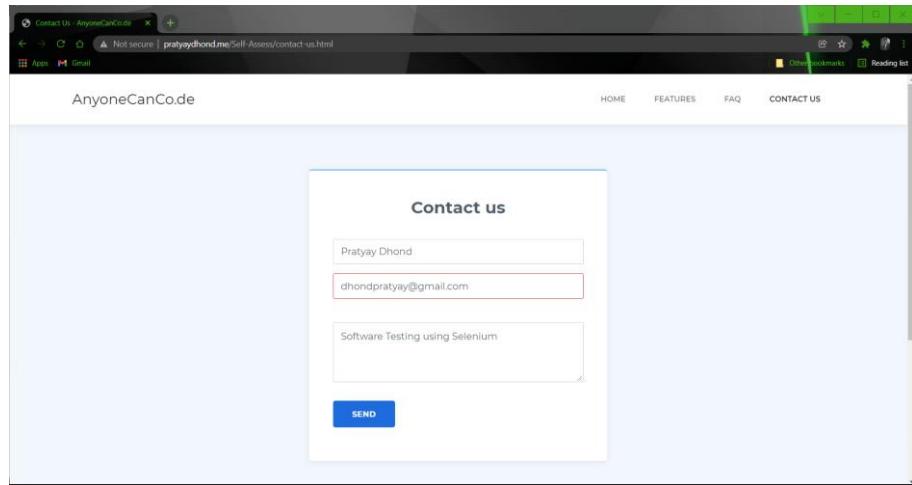
The screenshot shows a browser window titled "Selenium IDE Test Preparation". The main content area displays the text "Preparing to run your test".

Selenium opens a new browser window

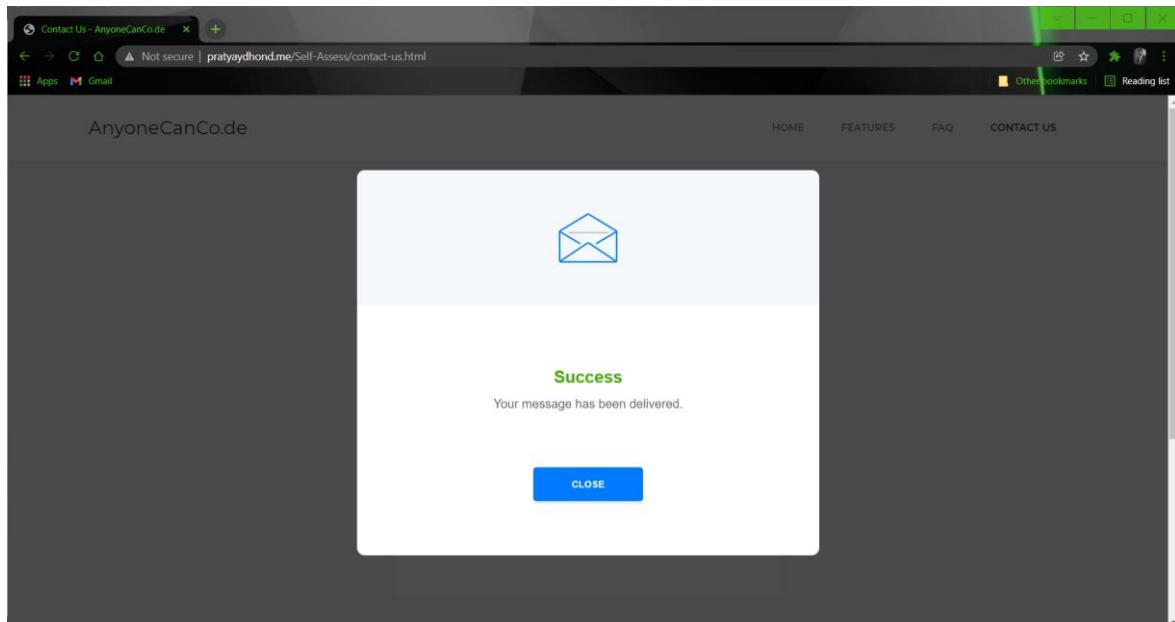


The site is loaded by selenium automation tool

## 1) Test Case Name: Details



The fields are automatically filled by the tool



The tool sends the message.

# New Form Submission

[pratyaydhond.me](http://pratyaydhond.me)

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**Name**

Pratyay Dhond

**Email**

[dhondpratyay@gmail.com](mailto:dhondpratyay@gmail.com)

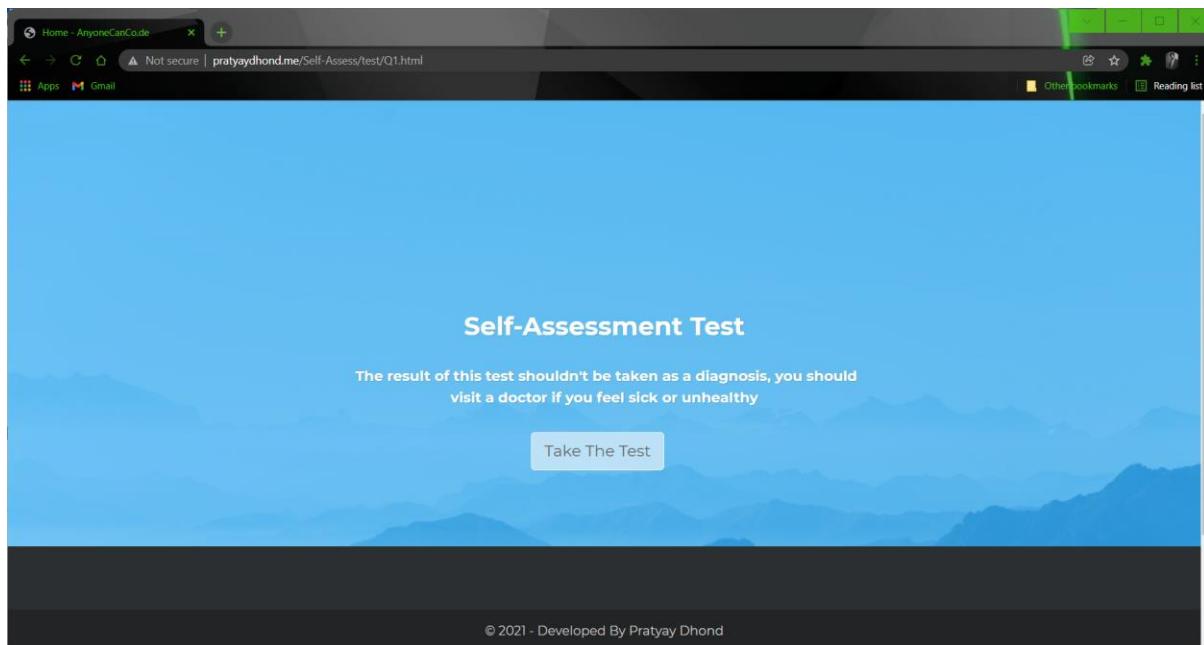
**Message**

Software Testing using Selenium

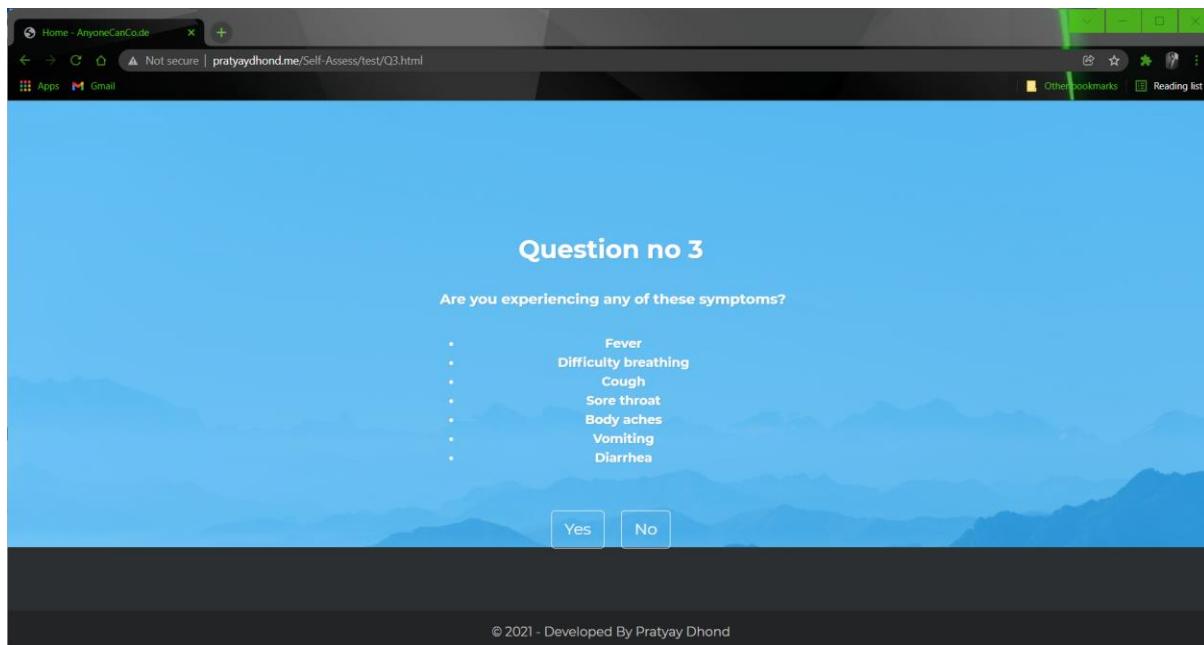
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Input received in mail submitted by using the tool

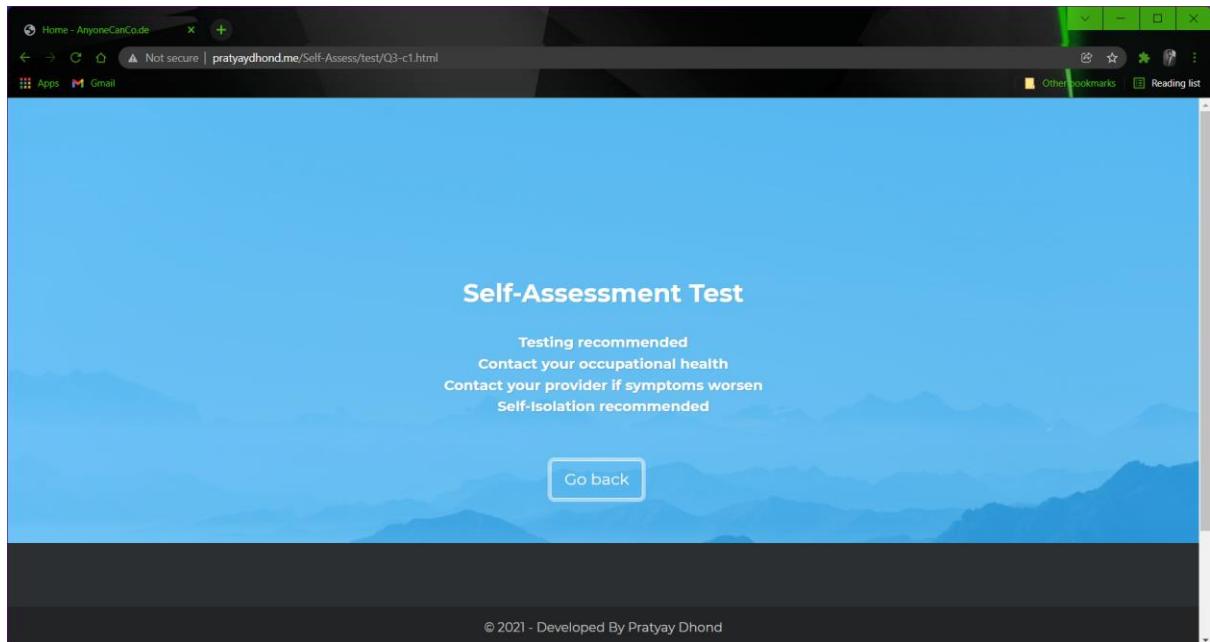
## 2) Test Case Name: Not Severe Symptoms but testing should be done



Self-Assessment test automation using selenium

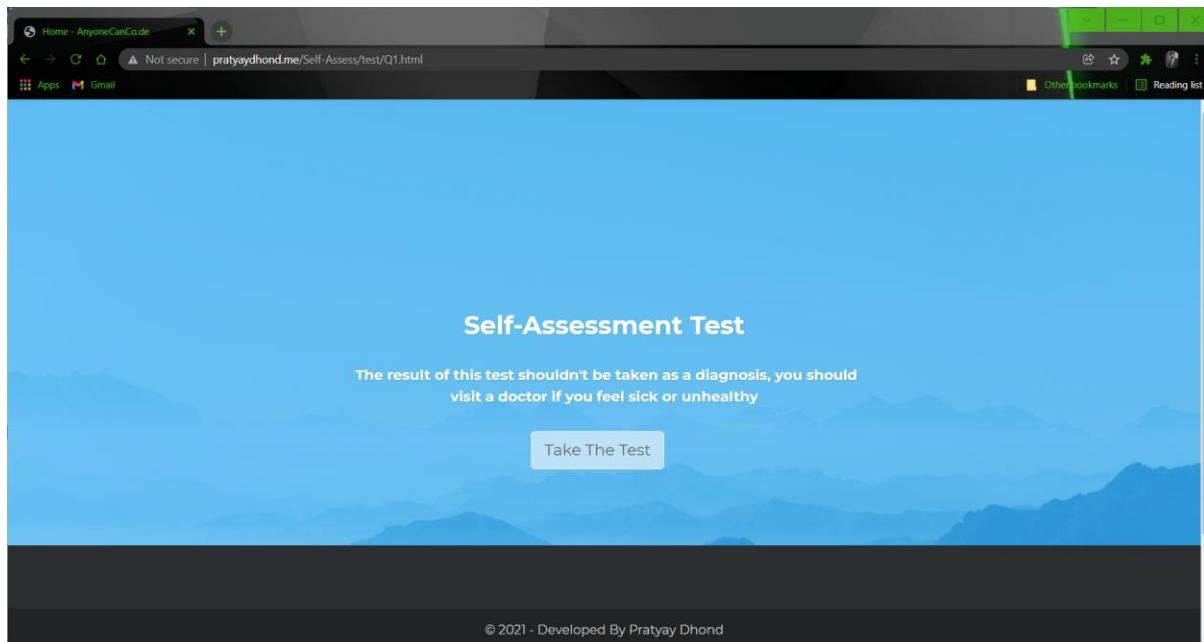


Answering Questions using Selenium(Selected Answer : Yes)

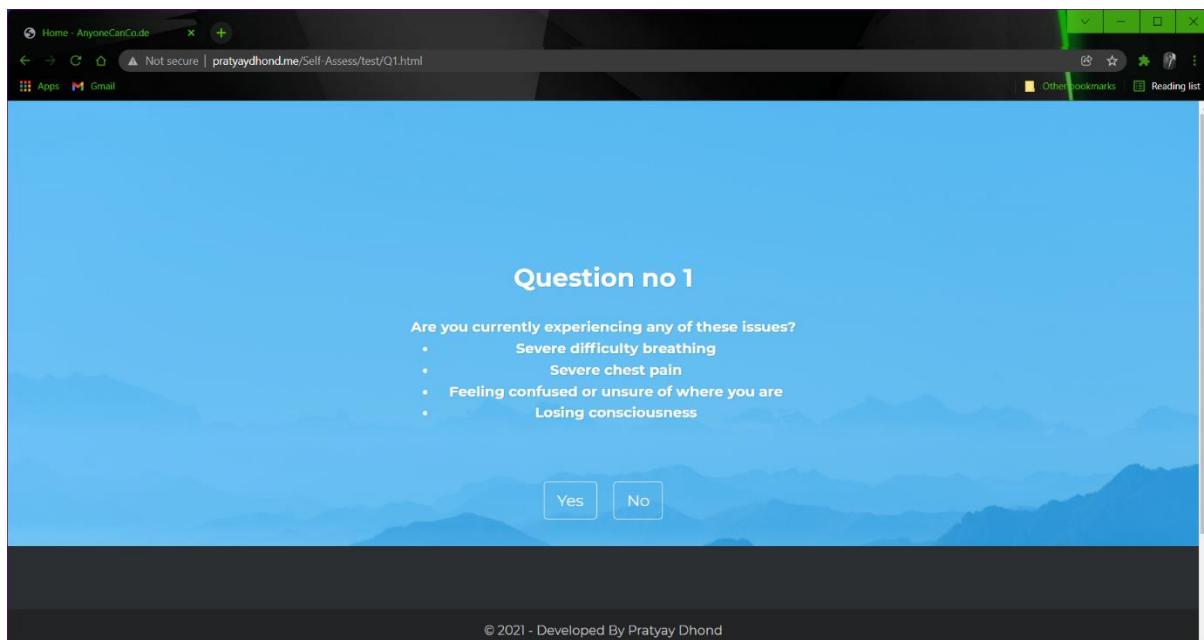


Self-Assessment test result generated by automation testing.

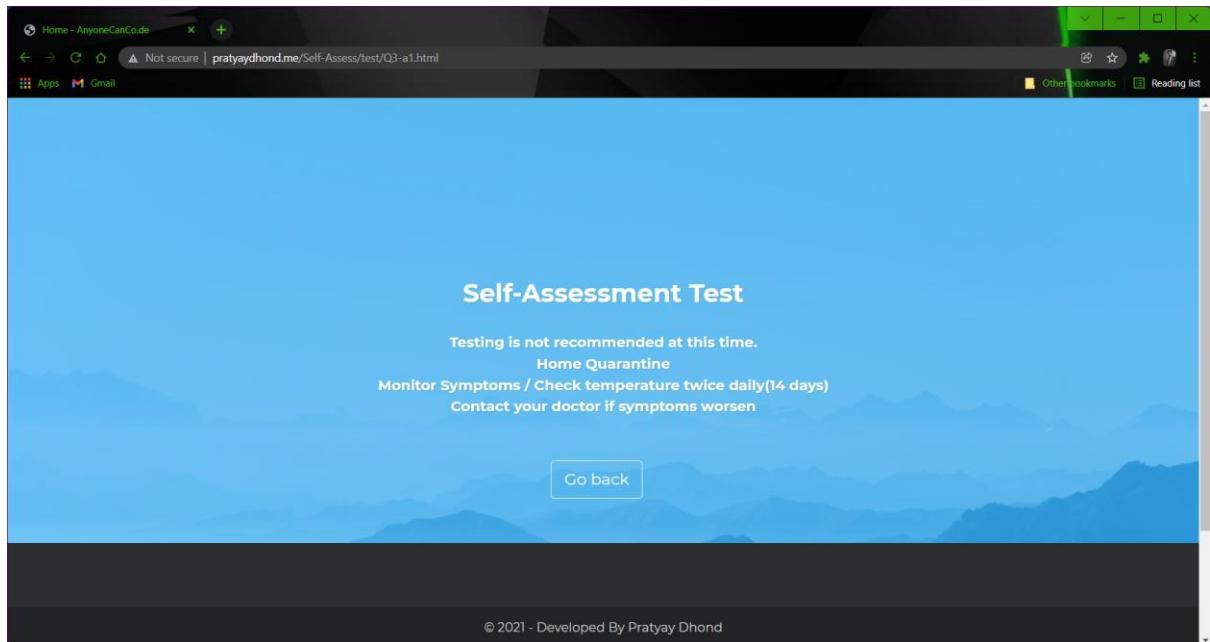
### 3) Test Case Name: Not severe symptoms



Self-Assessment test automation using selenium

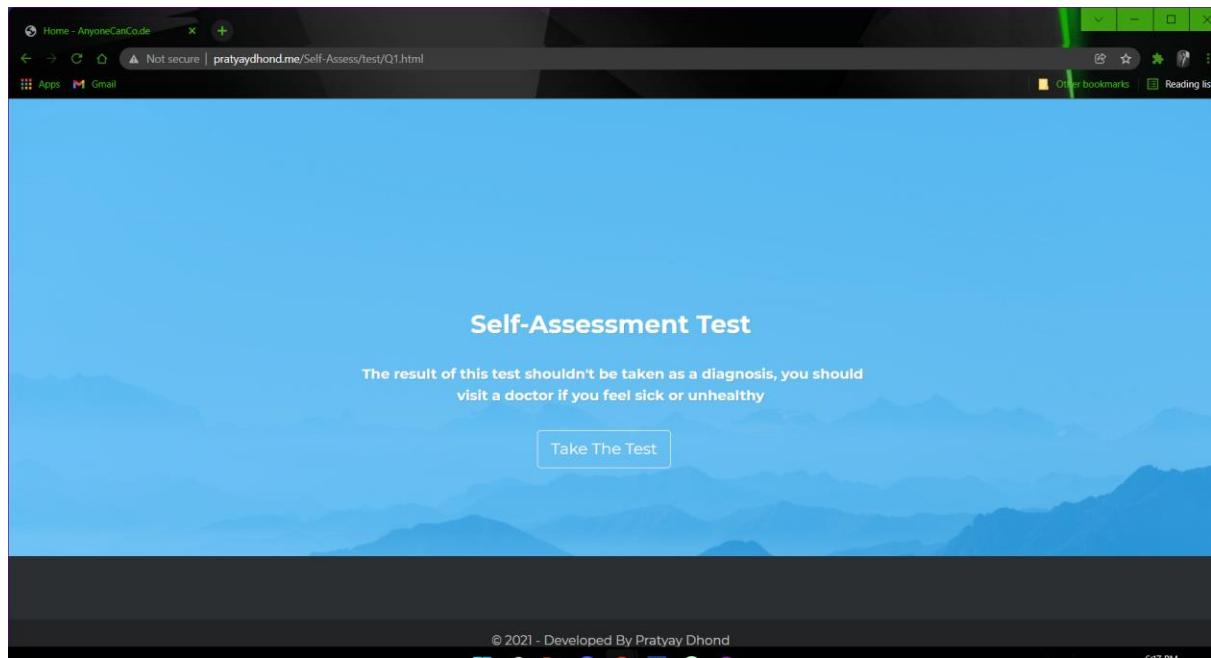


Answering Questions using Selenium automation tool. (Selected Answer : No)

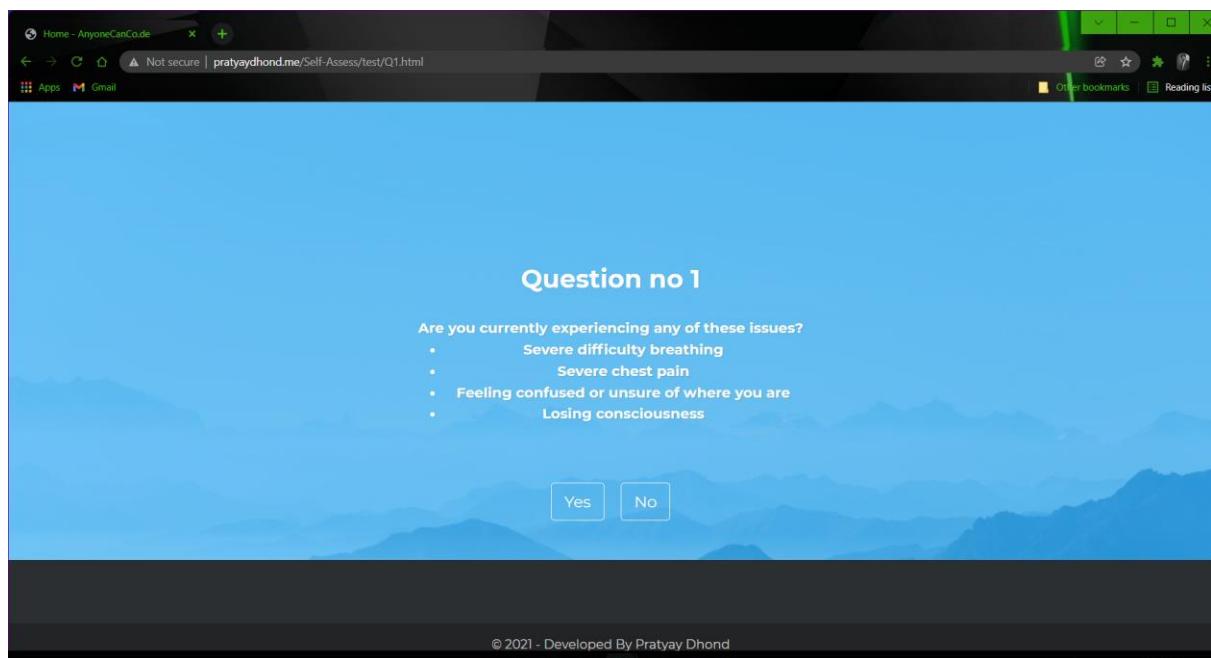


Self-Assessment test result generated by automation testing.

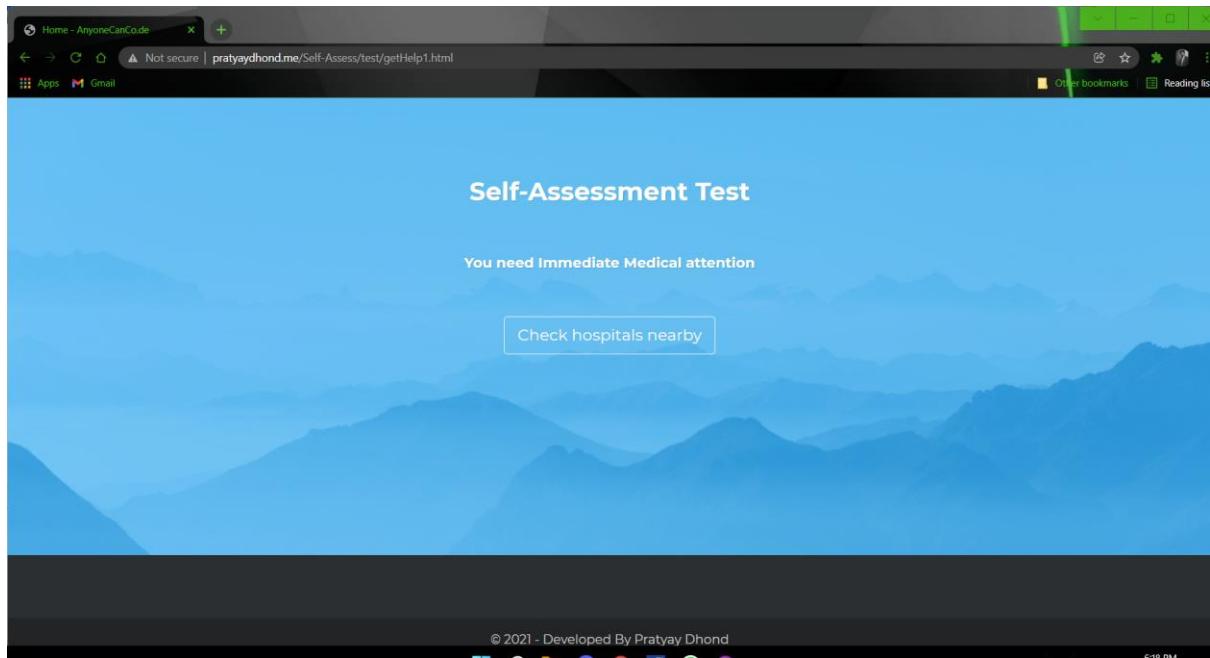
#### 4) Test Case Name: Severe-Covid-Symptoms



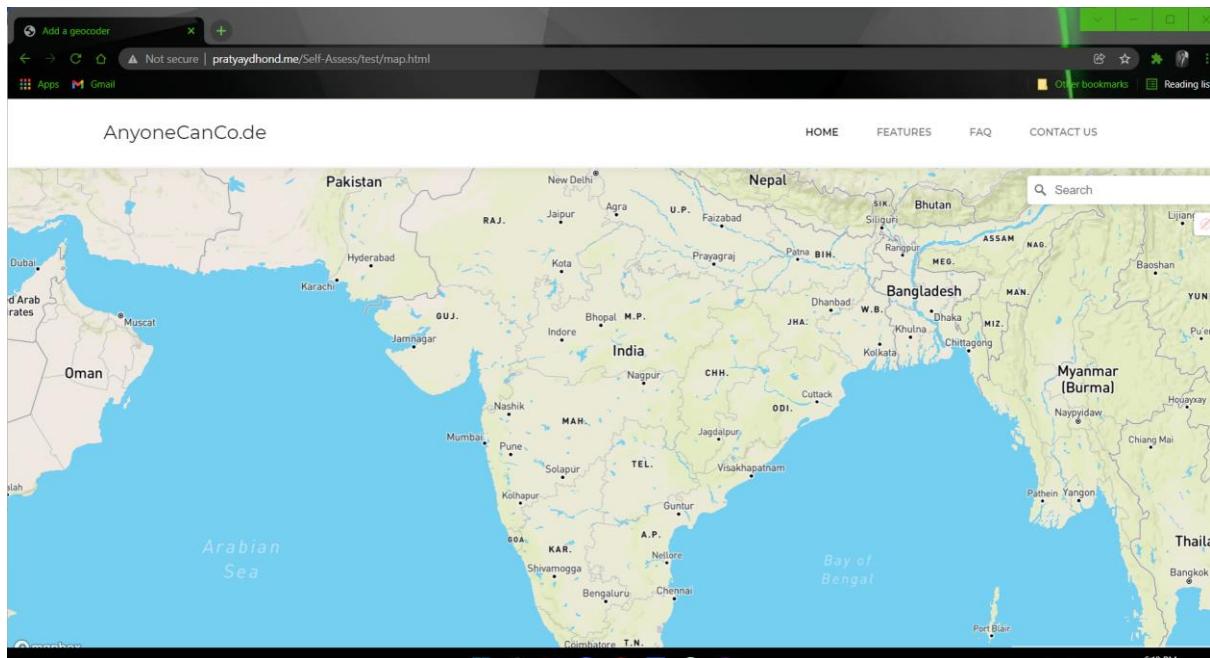
Self-Assessment test automation using selenium



Answering Questions using Selenium automation tool. (Selected Answer: Yes)



### Self-Assessment test result



Map for checking nearby hospitals using Selenium

Command	Target	Value
5. click	id=btn2	
6. click	id= btn1	
7. click	id=btn1	
8. click	id=btn2	
9. click	id=btn1	

4) Test case name : Severe-Covid-Symptoms

Command	Target	Value
1. open	http://pratyaychond.me/Self-Assess	
2. Set window size	1552x832	
3. click	css=.btn	
4. click	id=button	
5. click	id=btn1	
6. click	id=button	
7. click	css=mapboxgl-canvas	
8. click	linkText = AnyOneCanGo.de	

Conclusion :

Thus, I tested the Self Assess website using automation tool selenium.