D.Y.Patil College of Engineering Akurdi.

A
Project Report
On

Performing tests on Blood

bank Management System

using Selenium

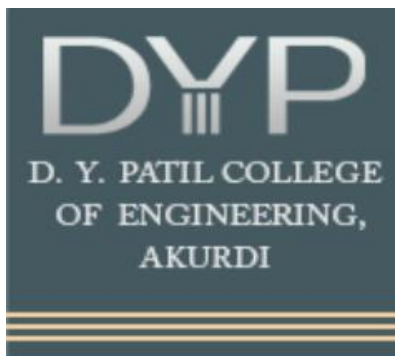## SUBMITTED BY

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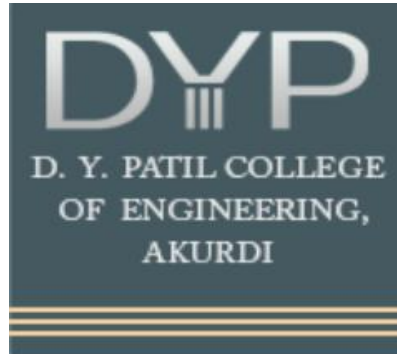NAME: Abhijeet Bhalekar(B1921155)

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GUIDED BY
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CERTIFICATE

This is to certify that **Mr. Vikas Mane(B1921152),Abhijeet Bhalekar(B1921155)**, a students of B.E. (Computer Engineering Department)
Batch 2021-2022, has satisfactorily completed a project report
on "**Performing tests on Blood bank Management System using Selenium**" under the guidance of **Prof. P.B.Deshmukh**. towards the partial fulfillment of the fourth year Computer Engineering Semester I of Pune University.

Prof. P.B.Deshmukh   Dr. D.A.Potey

Project Guide   Head of Department

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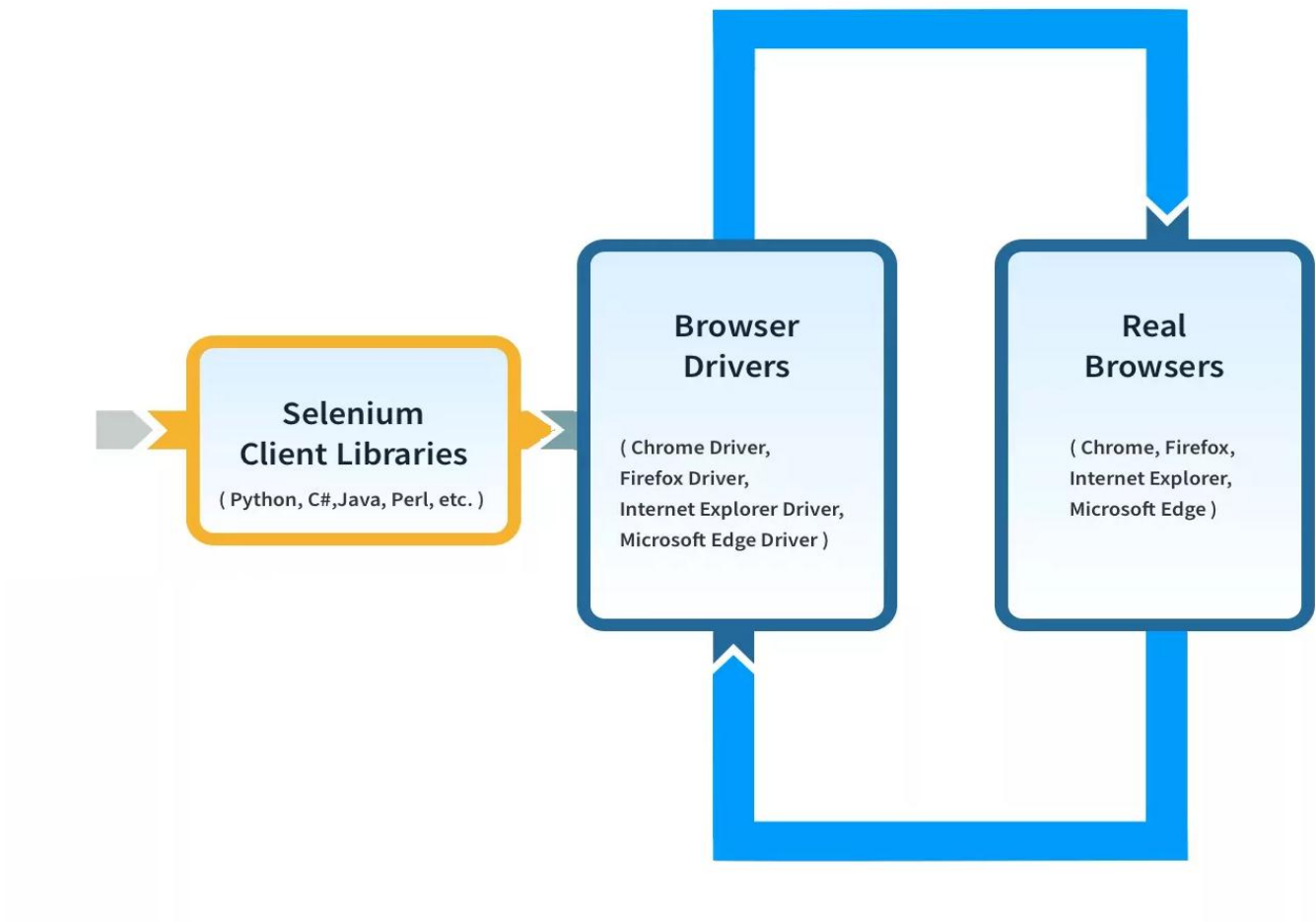3. Methodology

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1. PROBLEM STATEMENT

Check the functionality of Blood Bank Management System website using Selenium web-automation tool.

2. INTRODUCTION

◆ The testing of a software product is one of the significant phases of Software Development Life cycle (SDLC). The testing process aims at finding the faults in the source code which might lead to bugs in the functionality of the software. Testing increases the quality of the software. A log containing all the details of the results obtained in the testing process is maintained.

◆ Selenium Web Driver is a programming interface to create and run test cases. It provides a way to act on various web elements.

◆ Why should I use Selenium ??

    a. Open-source

    b. Large support from the community and the user base is huge

    c. Cross-browser compatibility (Firefox, Chrome, Edge etc.,)

    d. Multiple programming language support (Python, Java, Perl etc.,)

    e. Distributed Testing is also supported.

3. METHODOLOGY

Selenium Client Libraries

(Python, C#,Java, Perl, etc.)

Browser Drivers

(Chrome Driver,
Firefox Driver,
Internet Explorer Driver,
Microsoft Edge Driver)

Real Browsers

(Chrome, Firefox,
Internet Explorer,
Microsoft Edge)

4. TEST REPORT

ID	Title	Input	Excpected Output	Actual Output	Result
1	Testing HomePage Opening Link	NA	Homepage should be opened	Homepage Opened	Pass
2	Testing Login UserName	admin	Username should be correct	username is correct	Pass
3	Testing Password	Test@12345	Should Land on index page	index page opened	Pass
4	Testing Dashboard Button	Na	Should land on dashboard page	Dashboard page opened	Pass
5	Testing add-Donor Button	Na	Should land on Add-Donour Page	Add-Donor page opened	Pass
6	Testing Donor-List Button	Na	Should Land on Donor list page	Donor List page opened	Pass
7	Testing Logout Button	Na	Should Redirect to Login Page	Redirected to login page	Pass

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