

1. Project Report

Project Title	Plan, Schedule, Test Community Portal
Qualification Name (NICF)	NICF-Advanced Certificate in Infocomm Technology (Software and Applications)
Product Name	NICF-Capstone Project using Java
Module Name (NICF)	NICF-Capstone Project using Java

Student name		Assessor name	
Chathushi Jayarathna		MS.Aravinder Kaur	
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10/10/2022	27/10/2022	27/10/2022	

Project title	Plan, Schedule, Test Community Portal
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Learner declaration	
<p>I certify that the work submitted for this assignment is my own and research sources are fully acknowledged.</p>	
Student signature: Chathushi	Date: 27/10/2022

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1. Project Background

ABC Jobs Pte Ltd is a career guidance organization that gives tasks to individuals. That organization needs to foster a community portal to spread its name to additional clients

ABC Jobs Pte Ltd suggests occupations and recruits' laborers. With this community portal, clients can enlist for themselves and quest the most prominent positions in their occupations. Likewise, clients can make networks with other clients by interfacing with them in their local area. Likewise, the gateway is principally utilized for proficient collaborating and vocational development

The primary motivation behind this task is to design and develop the community portal as they wish. Locally community portal clients will actually want to enroll and look for another client. After they can log in, reset their password, and update their profile. User details are stored in a database. This ABC Community portal entryway is very valuable to the client side since clients do not have to go to ABC Jobs organization to look through positions, they can look online with the local area gateway. Likewise, clients should need to safeguard a client profile to acquaint themselves. This people group entryway has private and public modules. Confidential modules approach for the administrators and public modules approach programming software engineers.

For this local community portal, we have carried out a java-based web application with a spring MVC structure for the client necessities, business needs, and cycles. Likewise, we want to design, make, plan and execute the tests for this undertaking. As a component of this task, we really want to recognize this problem and oversee it across its lifecycle

2. Project Objective

2.1 Scope of Testing

2.1.1 In Scope

- Registration Page
- Registration Confirmation
- Thank You Page
- Login Page
- User Profile Page
- Update Profile Page
- Admin Page
- Forgot Password Page
- Forgot Password Confirmation Page
- Search User Page
- Bulk Email
- Job posting

2.1.2 Out of Scope

- Post Threads
- Send Messages

2.2 Tools and Platforms used

- Eclipse IDE for Enterprise Java and Web Developers - 2022- 03 – To implement application

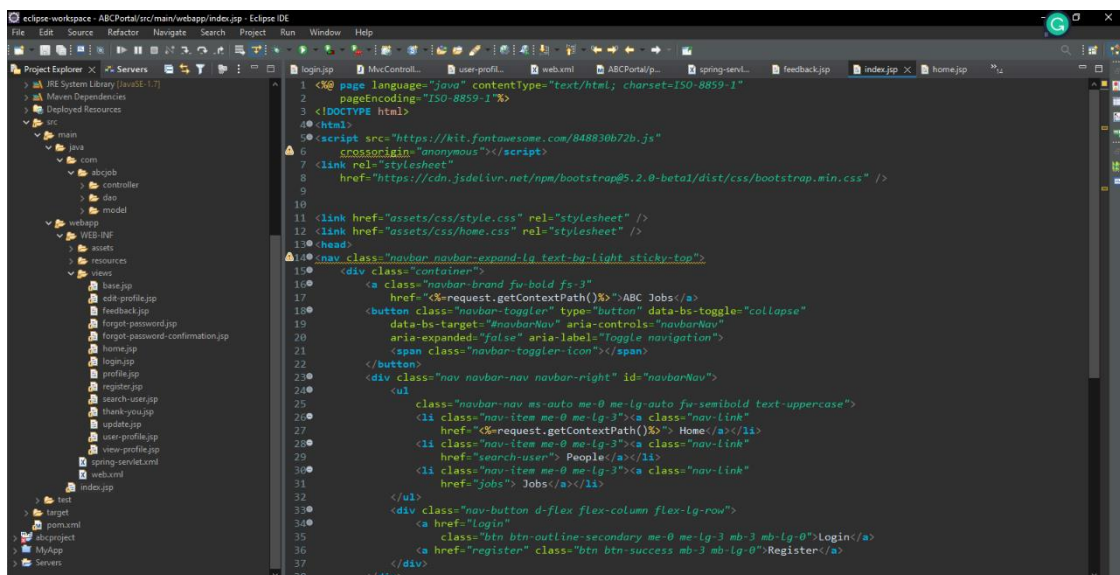


Figure 1: Screenshot of Eclipse IDE

- MySQL Workbench 8.0 CE – To create a database

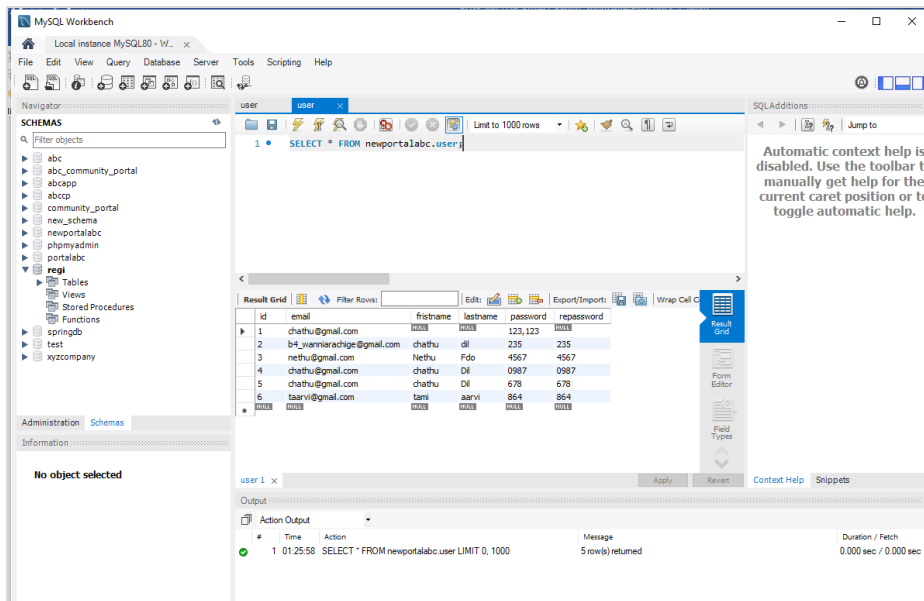


Figure 2: Screenshot of MySQL Workbench

- Microsoft Word – To create a project report

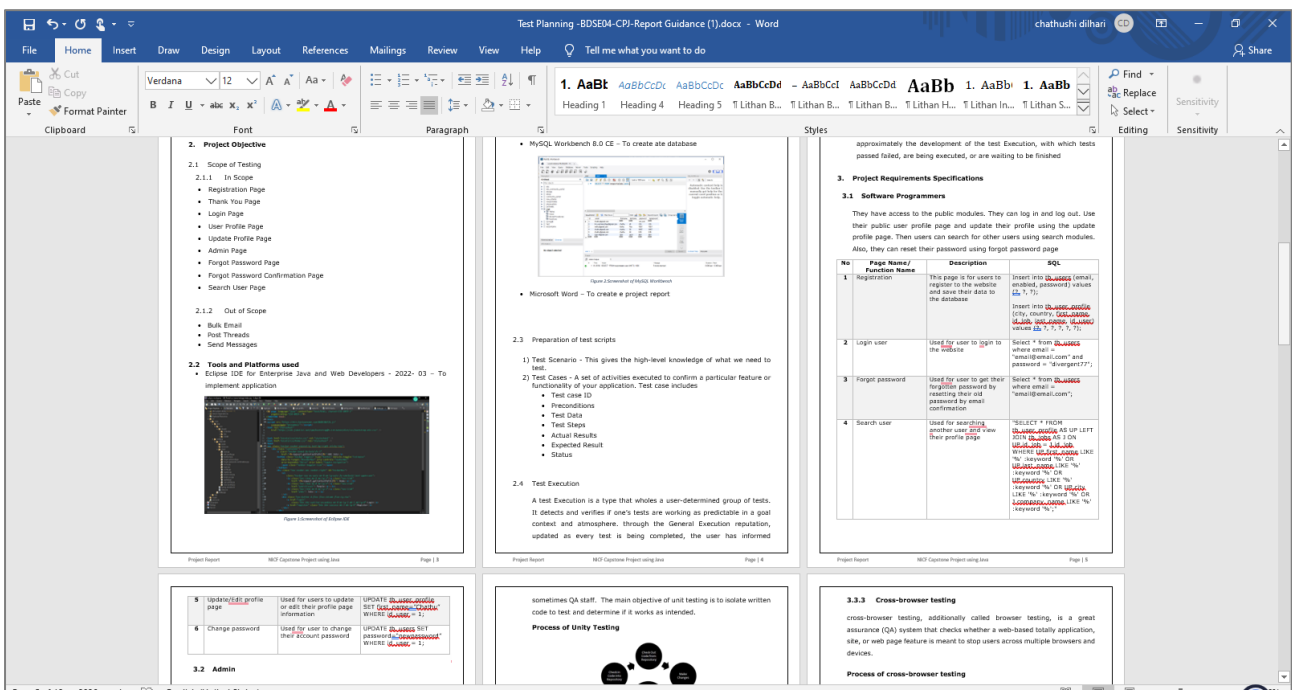


Figure 3: Screenshot of Microsoft Word

- Microsoft PowerPoint – To create project presentations

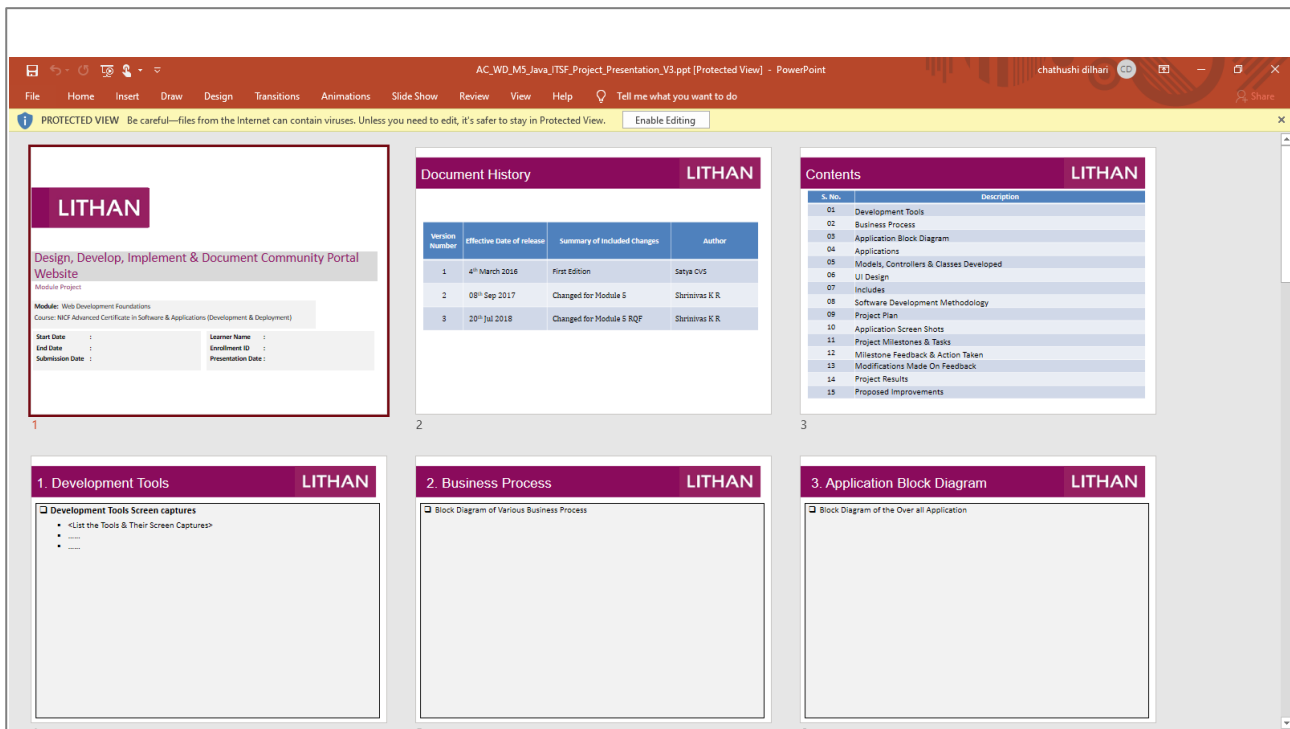


Figure 4: Screenshot of Microsoft PowerPoint

2.3 Preparation of test scripts

- 1) Test Scenario - This gives the high-level knowledge of what we need to test.
- 2) Test Cases - A set of activities executed to confirm a particular feature or functionality of your application. Test case includes
 - Test case ID
 - Preconditions
 - Test Data
 - Test Steps
 - Actual Results
 - Expected Result
 - Status

2.4 Test Execution

A test Execution is a type that wholes a user-determined group of tests. It detects and verifies if one's tests are working as predictable in a goal context and atmosphere. through the General Execution reputation,

updated as every test is being completed, the user has informed approximately the development of the test Execution, with which tests passed failed, are being executed, or are waiting to be finished

3. Project Requirements Specifications

3.1 Software Programmers

They have access to the public modules. They can log in and log out. Use their public user profile page and update their profile using the update profile page. Then users can search for other users using search modules. Also, they can reset their password using forgot password page

No	Page Name/ Function Name	Description
1	Registration	This page is for users to register to the website and save their data to the database
2	Login user	Use for user to login to the website
3	Forgot password	Use for user to get their forgotten password by resetting their old password by email confirmation
4	Search user	Use for searching another user and view their profile page
5	Update/Edit profile page	Use for users to update or edit their profile page information
6	View Job	Use for user to view jobs
7	Apply Job	Use for user to apply jobs

3.2 Admin

Admin has access to private modules. Admin can log in and log out. Can use the admin profile page also. They have access to the search users pages and they

can add, a posting module. Also, admin can reset their password using password retrieval functionality

No	Page Name/ Function Name	Description
1	Login admin	Use for admin to log in as an administrator of the website
2	Add user	Use for adding a new user
3	Edit user	Use for editing user data
4	Delete user	Use for deleting user data
5	Post Jobs	Use for post jobs
6	Bulk Email	Use for send emails to users
7	View Job Responses	Use for view job responses
5	List Job	Use for view posted job list

3.3 Test methods

3.3.1 Testing Methods

- I Unit testing
- II UAT testing
- III Cross-browser testing
- IV Usability testing

3.3.2 Benefits of Test Methods

- **Unit Testing** - Unit testing confirms that all code meets quality values formerly it's deployed. Also, it saves time and, money
- **UAT Testing** - UAT is the last part of the whole testing process of the software. Its faster and cheaper to fix usability issues in the early stages
- **Cross-browser Testing** - It let you check on different OS browser settings

- **Usability Testing** - Usability testing also identified as user testing, includes gathering data from actual users on a website, application or prototype

Task 1

4. Requirement specification

4.1 Functional requirements

✓ **Public Module**- Software Programmers, External Parties

- Registration Page
- Login Page
- Forgot Password Page
- Forgot Password Confirmation Page
- User Profile Page
- Update Profile Page
- Search User Page
- Apply Job

✓ **Private Module** – Admin

- Registration Page
- Login Page
- Forgot Password Page
- Admin Profile Page
- Bulk Email Page
- Job Posting Page
- View Job Responses
- List Job
- Search User Page
- Update and Delete page

4.1.1 All pages in each module with a brief description and their purpose and each module which are create, edit and view pages

No	Web Page/ Process	Requirements	Page Functions (create, edit, view, delete)
1	Registration	Users can register on the register page	Create
2	Login	Users can log in to the login page	View
3	Forgot Password	Users can request a reset forgotten password	View & edit

4	Logout	Users can logout from the website	View
5	Search Users	Users can search other user	View
6	Update Profile	User can update their profile	Edit
7	User Profile	Users can view other user profile	View
8	Apply Job	Users can apply for the job that exists in the website	View & edit
9	Login admin	Used for admin to log in as an administrator of the website	View
10	Dashboard	Administrator page to manage all the users of the website, this page includes add, view list user, edit user, delete user, send bulk email, posting job and accepting user to the job functionality.	View, edit, create, delete
11	Posting jobs	Used for posting jobs opportunity to the software programmers/user of the website	Create
12	Send bulk email	Used for sending bulk email to all the users	Create
13	Send Messages	Used for send messages between users	View

4.1.2 Sitemap of Public & Private Sites

In this community portal, there are two modules which are private and public. Public modules are for software programmers which are external parties. The private module is for admins of the community portal. Both users and admins can log in to the community portal using the same login page. If they forgot their password, they can reset it using forgot password link in login page. Using Spring security software are programmers redirected to the user profile and are admins the redirected to admin user profile. Admins have the access to private modules such as Delete, Edit Add user pages, send bulk emails, Post jobs, view job responses etc. Software programmers only have access to their profile pages. They can view their

profile, edit and update their profile, search other users in ABC Community portal, View Jobs and Apply job.

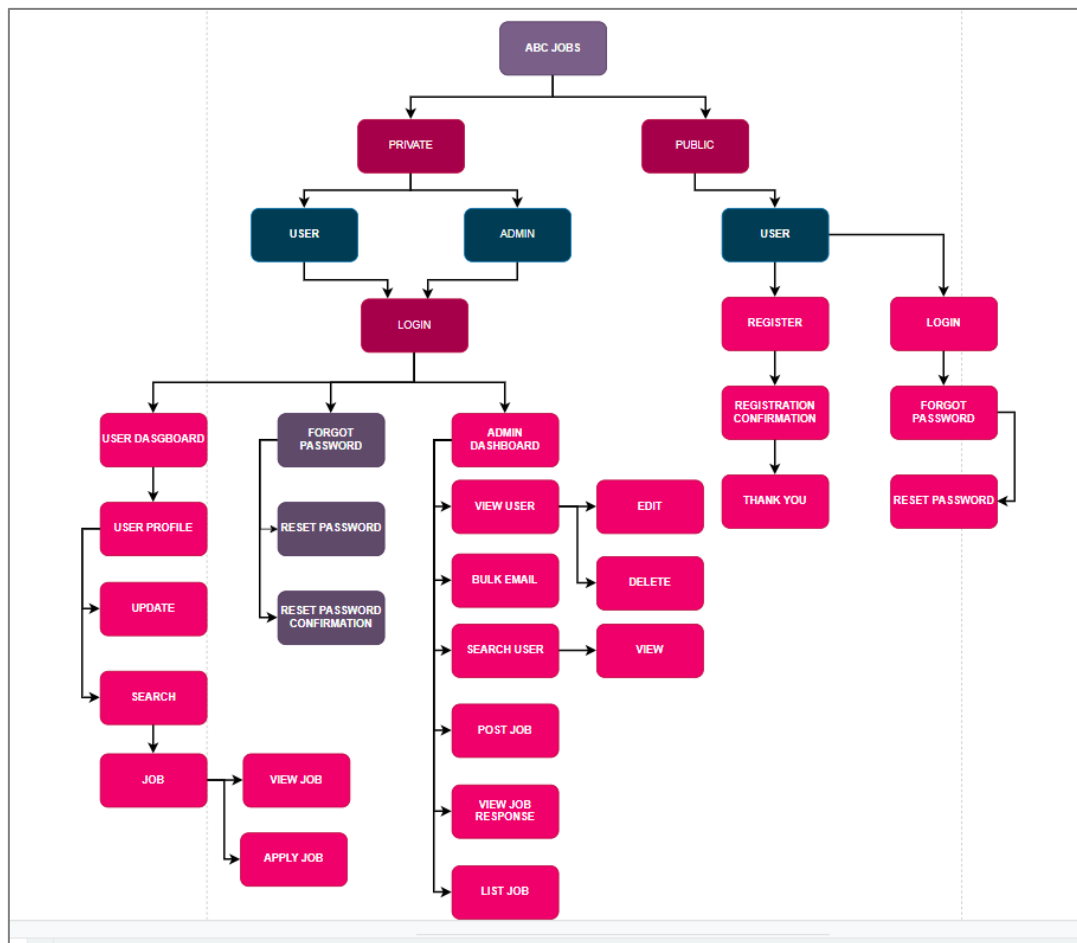


Figure 5:Sitemap of Public & Private Sites

4.2 Non-Functional Requirements

1. Portability Requirements

- Multi OS - Windows, Linux, and Mac
- Multiple Browsers - Chrome, Safari
- Multiple Devices - Desktop, Tablet

2. Maintainability Requirements

- Database is backing up every 6 hours
- Vulnerability check - periodical scanning
- Each request should be processed within 10 seconds

3. Performance Requirements

- Concurrent number of users - 100

- Loading time - 15sec

4. Security Requirements

.permit all()	.hasAnyRole	.hasRole("Admin")	.hasRole(Software programmer)
Index.jsp	Index.jsp	Adminwelcome.jsp	Registration.jsp
Registration.jsp	Registration.jsp	index.jsp	ViewProfile.jsp
Home.jsp	Home.jsp		Forgotpassword.jsp
EditProfile.jsp	EditProfile.jsp		

4.3 Technical Environment Requirements

1. Hardware Requirements

- Processor: Inter(R) Core(TM) i5
- RAM: 12GB
- 1TB Disk Space
- MySQL Server 8.0.30
- Apache Tomcat 9

2. Software Requirements

- Development Environment - JDK 8.1
- Framework - Spring MVC
- Database Server - MySQL Server 8.0.30
- Firewall Settings - Port 9001-Http,Port 3306 - Database

3. System Integration Requirements

- JDBC-JDBC Connector 8.0.11
- Spring security Dependency

4.4 Testing Requirements

- System and application - Completely developed community portal using Spring MVC, Spring Framework
- Test Data - We need to prepare test data
- Database Server - MySQL Server
- Front End running environment - Use jsp file for the front-end system

- Client Operating System - Windows OS
- Browser - Google Chrome, Mozilla Firefox, Microsoft Edge
- Server - Apache Tomcat Server
- Network

Task 2

5. Different types of testing

5.1 Functional Testing

5.1.1 Unit Testing

Unit testing is a software development process in which the smallest testable parts of an application, called units, are individually and independently scrutinized for proper operation. This testing methodology is done during the development process by the software developers and sometimes QA staff. The main objective of unit testing is to isolate written code to test and determine if it works as intended.

- Helps developers write better code
- It helps developer to catch bugs earlier
- It makes the code easier to refactor

Process of Unit Testing

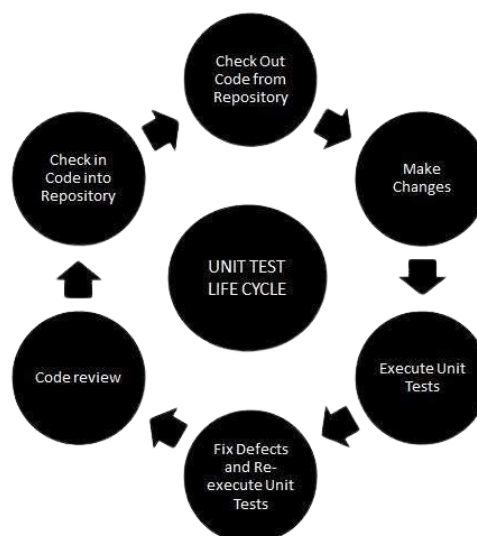


Figure 6:Process of Unit Testing

5.1.2 UAT Testing

UAT (User Acceptance Testing) is a type of testing performed by the end-user or the client to verify the software system before moving the software application to the production environment. UAT is done in the final phase of testing after functional, integration, and system testing is done

- Keeping ongoing maintenance costs as low as possible
- Increase end-user happiness
- Increasing software robustness and usability

Process of UAT testing

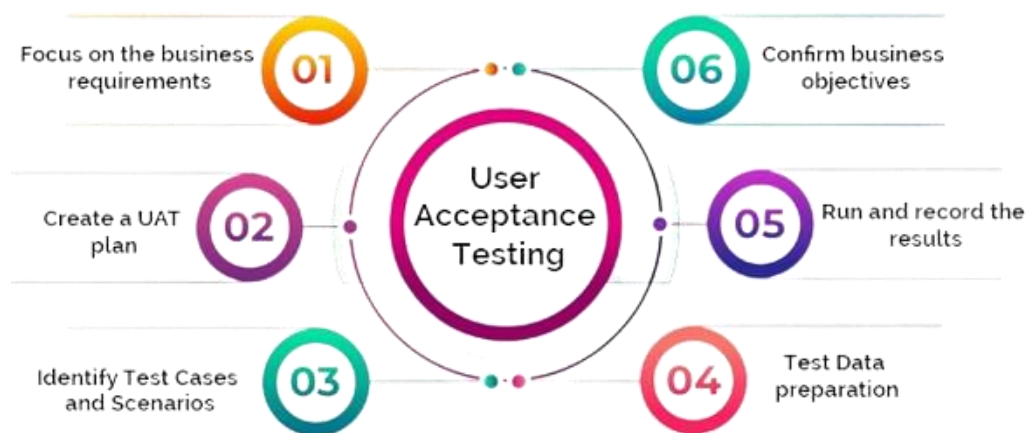


Figure 7: Process of UAT Testing

5.2 Non-Functional testing

5.2.1 Cross-browser testing

cross-browser testing, additionally called browser testing, is a great assurance (QA) system that checks whether a web-based totally application, site, or web page feature is meant to stop users across multiple browsers and devices.

- Reduction of repetitive work
- Greater consistency and repeatability
- Ease of access to information about tests or testing

Process of cross-browser testing

5.2.2 Usability Testing

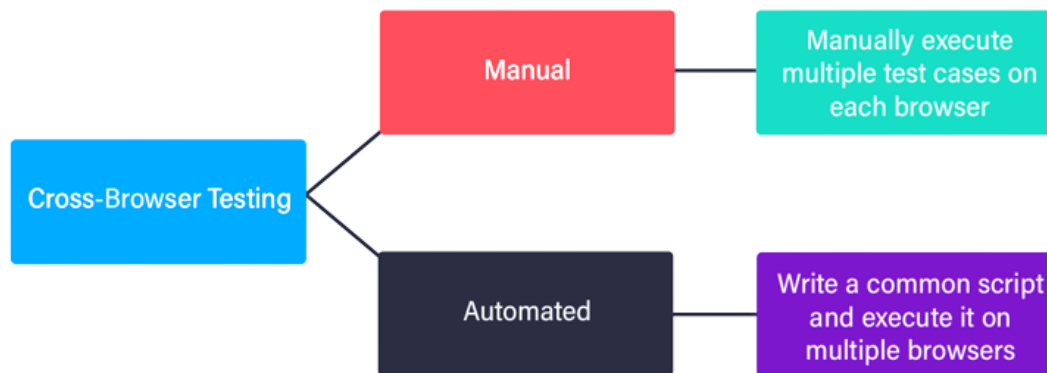


Figure 8:Process of cross-browser testing

Usability testing additionally called user to enjoy(UX) trying out, is a testing method for measuring how easy and user-friendly a software program application is. A small set of goal quit-users, use software to show usability defects. Usability testing mainly specializes in a person's ease of use of software, the flexibility of utility to address the controls, and the potential of application fulfil its goals.

Process of Usability Testing

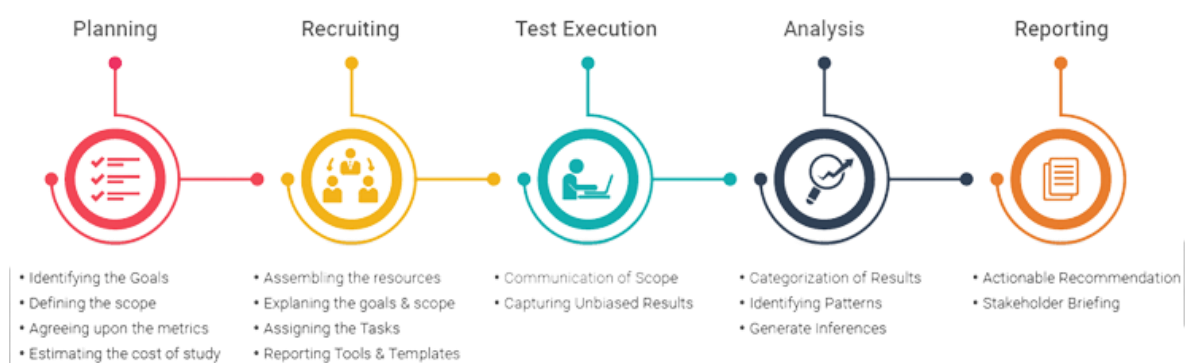


Figure 9:Process of Usability Testing

5.2.3 Load Testing

Load testing is a sort of performance testing that determines the overall performance of a device, software product, or software utility below actual life primarily based on load conditions. basically, load testing determines the behavior of the utility while multiple users use it at the identical time. It is the reaction of the system measured under various load conditions. The burden testing is finished for regular and severe load conditions

Process of Load Testing

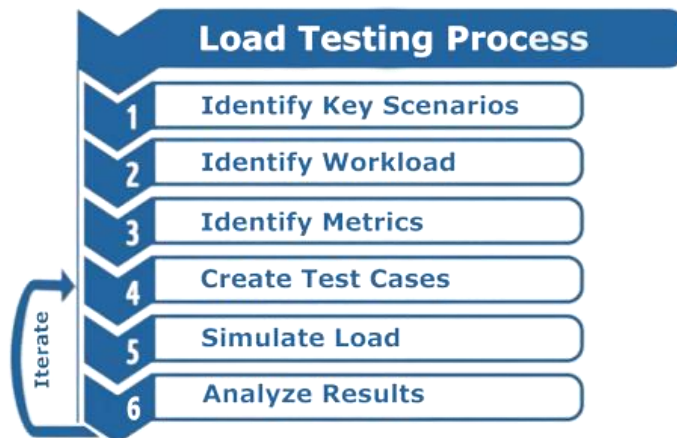


Figure 10: Process of Load Testing

Task 3

6. Relevant tests suitable for the Project Scenario

6.1 Functional Testing

- **Unit Testing** – Unit test development speed is faster. Unit tests are easier to debug, and you can have more reliable code
- **UAT Testing** – It reduces the maintenance fee as much as possible. It develops software usability

6.2 Non-Functional Testing

- **Cross-browser Testing** - By testing with different OS web browsers, we can ensure that the application works smoothly in those different browsers.
- **Load Testing**
- **Usability Testing**

Task 4

7. Optimal scheduling times for different tests

Scheduling

- a. Weighting (1 - 3)
 - 1 – Simple
 - 2 – Medium

- 3 – Complex
- b. Functional points (1 - 5)
- 1 - 2 – If rarely used
 - 3 - 4 – Often used
 - 5 – Most often used

No	Web page	Weighting	Functional Points (FP)	Total
1	Registration	3	5	15
2	Login	2	3	6
3	Logout	1	3	3
4	Forgot Password	3	3	9
5	Search Users	2	4	8
6	Update user profile	2	2	4
7	View user profile	1	5	5
8	Posting Jobs	2	2	4
9	View User Response	2	5	10
10	Send bulk email	3	2	6
11	Apply Job	3	3	9
	Total functional points			79
	Estimated person hour/ FP			2
	Total hours needed			158
	Total days needed (8h/day)			19

8. Test Schedule

Test Schedule ID :	TS001		
Product ID / Name :	ABC Community Portal		
Product Version or Build:	1.0		
Present Owner :	ABC PVT LTD		
Created On :	25/09/2022		
Review On :	12/10/2022		
Review By :	Chathu	QA Manager	
Review Comments :	Good		

Current Version :	1.0		
Change Details :	Not Available		
Current Status :	Approved		
Signing Off Authority :	Kevin, Leo, Kara	Software Developer, QA Manager, Client	10/07/2022

Task 5

9. Phase Test Plan

No	Task	Start	End	Person Days	Resource
1	Prepare Test Plan	25 Sep 2022	29 Sep 2022	3	QA Manager, QA
2	Define metrics	30 Sep 2022	30 Sep 2022	1	QA Manager, QA
3	Review plan	1 Oct 2022	1 Oct 2022	1	QA Manager, QA
4	Prepare Test Scripts	2 Oct 2022	4 Oct 2022	2	QA Manager, QA
5	Review Test Scripts	5 Oct 2022	5 Oct 2022	1	QA Manager, QA
6	Set up Test Environment	6 Oct 2022	6 Oct 2022	1	QA Manager, QA
7	Execute Testing/Record Faults	7 Oct 2022	9 Oct 2022	2	QA Manager, QA
8	Re-execute Test as Needed	10 Oct 2022	10 Oct 2022	1	QA Manager, QA
9	Document the test results	11 Oct 2022	11 Oct 2022	1	QA Manager, QA
10	Review Document	12 Oct 2022	12 Oct 2022	1	QA Manager, QA

Goal

The goal of this test is to identify and measure the problems/ issue in the web application and implementing the community portal website for the ABC Jobs Pvt Ltd.

Objectives

Validate and verify system functionality works according to requirements

9.1 Features to be tested

- Registration
- Login
- Logout
- Reset Forgot Password
- Search users
- Posting Job
- Applying Job
- Send Bulk Emails

9.2 Features Not to Be Tested

- Send Messages
- Posting Threads

9.3 Approach

- Unit Testing
- Cross Browser Testing
- UAT

9.4 Suspension Criteria

Component testing will be suspended under the following conditions:

- Prevent the test completion because of complex errors
- When steps are disturbed, can't do any further testing
- Development and testing were suspended because the e of day off
- Critical errors found preventing test completion

9.5 Resumption Criteria

Component testing will resume when the following criteria are met:

- All issues in suspension criteria have been resolved or mitigated
- New software build has been redistributed
- New build with fixed critical
- The day off periods ends
- When all the errors can resolve, we can do the testing.

9.6 Exit Criteria

Component testing can be considered complete when the following conditions have been met:

- All test scripts are executed
- No defect found in test scenarios on this community portal application.
- No critical bugs have been left on testing process
- Closure the all identified defects
- Deadline not meets
- Ready the all deliverables
- All expects and actual results are captures, and documented correctl
- All High and Medium priority requirements have been tested without Critical or Medium severity defects.

9.7 Test Metrics

- No of test cases
- No of test cases executed
- No of test cases passed
- No of test cases failed
- Total failures and passes
- Test case execution time

9.8 Test Deliverables

- Phase Test plan
- Test schedules
- Test scripts
- Test Results
- Bugs write-up

Task 6

10. Execute the tests and provide the reports

10.1 Test Scenario 1: Unit Testing

Requirements	Test Scenario ID	Test Scenario	Number of test cases
Functional Testing	TS001-Unit testing	Ensure that the user enters the correct data on the registration page	1
		Check login functionalities	1
		Check forgot password functionalities	1
	TS002-UAT testing	Check that a navigation menu is provided on each page and is consistent.	3
Non-Functional Testing	TS003-Cross Browser testing	Check that the application is running normally on multiple web browser	2

Test Scenario	Ensure that the user enters the correct data on the registration page
TS001	
Test Cases	Unit Testing
TC001	Check all the mandatory fields are entered
TC002	Check the email-address validation working correctly
TC003	Check post submission loading of thank you page

Registration

Test Case ID	Test Case	Preconditions	Test Step	Test Data	Expected Results	Actual Results	Pass / Fail
TC001	Test Case 1	The user should have the URL of the website and open the homepage of the abcjobs.com	<ul style="list-style-type: none"> ❖ Type URL ❖ Click "Sign up" on the website home page linked to the registration page. ❖ Enter all the fields. ❖ Click submit. ❖ Run Junit4 	Name = Chathu Email = chathu@gmail.com Phone = 0742269976 City = Colombo Password = 12345 Repeat Password = 12345	Not register	As expected,	Pass

TC002	Test case 2	The user should have the URL of the website and open a homepage of the abcjobs.com	<ul style="list-style-type: none"> ❖ Type URL ❖ Click "Sign up" on the website home page linked to the registration page. ❖ Enter all details except the name ❖ Click submit. 	Name = chathu Email =chathushi0707@gmail.com Phone = 0742269976 City = Colombo Password = 12345 Repeat Password = 12345	Email will sent to the registered email account	As expected,	pass
TC003	Test case 3	The user should have the URL of the website and open a homepage of the abcjobs.com	<ul style="list-style-type: none"> ❖ Type URL ❖ Click "Sign up" on the website home page linked to the registration page. ❖ Enter all the fields ❖ Enter all details except the email address ❖ Click submit. 	Full Name: Chathushi Jayarathna Email Address: chathushi0707@gmail.com Phone Number:0742 269976 Select Gender: Female Password: 1234 Repeat Password:1234	Data will be saved in the database	As expected,	pass

```

import com.spring.mvc.dao.ApplicationDAO;
import com.spring.mvc.model.User;
import com.spring.mvc.servic.UserService;
@RunWith(SpringRunner.class)
@ContextConfiguration(locations = "/spring-servlet.xml")
public class Register {
    @Autowired
    private UserService userService;

    @Autowired
    private ApplicationDAO applicationDAO;

    @Test
    public void Registertest() {
        User user=new User();
        user.setId((long) 5);
        user.setName("Aarvi");
        user.setEmail("aarvi123@gmail.com");
        user.setPassword("123456");
        user.setContact("0711234567");
        user.setCity("Tokyo");
        userService.registerUser(user);
        Long n=user.getId();
        Long m=(long) 5;
        assertEquals(n, m);
    }
}

```

Login

Test Case ID	Test Case	Preconditions	Test Step	Test Data	Expected Results	Actual Results	Pas s / Fail
--------------	-----------	---------------	-----------	-----------	------------------	----------------	--------------

TC001	Test Case 1	The user should have the URL of the website and open a homepage of the abcjobs.com	<ul style="list-style-type: none"> ❖ Type URL ❖ Fill up the form of login with already registered an account. ❖ Click submit. ❖ Run Junit4 	Email = chathushi0707@gmail.com Password = 1234567	Loaded welcome thank you page	As expected,	Pass
TC002	Test case 2	The user should have the URL of the website and open a homepage of the abcjobs.com	<ul style="list-style-type: none"> ❖ Type URL ❖ Click "Sign up" on the website home page linked to the registration page. ❖ Fill up the form with wrong password ❖ Click submit. 	Email = chathushi0707@gmail.com Password = 12345	Welcome thank you page not loaded	As expected,	pass

```

import org.springframework.test.context.ContextConfiguration;
import org.springframework.test.context.junit4.SpringRunner;

import com.spring.mvc.dao.ApplicationDAO;
import com.spring.mvc.model.User;
import com.spring.mvc.servic.UserService;
@RunWith(SpringRunner.class)
@ContextConfiguration(locations = "/spring-servlet.xml")
public class Login {
    @Autowired
    private UserService userService;

    @Autowired
    private ApplicationDAO applicationDAO;

    @Test
    public void loginTest() {
        User user=new User();
        user.setEmail("aarvi123@gmail.com");
        user.setPassword("123456");
        userService.loginUser(user);
        String m=user.getPassword();
        String n="123456";
        assertEquals(m,n);
    }
}

```

Forgot Password

Test Case ID	Test Case	Preconditions	Test Step	Test Data	Expected Results	Actual Results	Pass / Fail
TC001	Test Case 1	The user should have the URL of the website and open the homepage of the abcjobs.com	<ul style="list-style-type: none"> ❖ Type URL ❖ Click "Login" on the website home page ❖ Then click "forgot password" link in login page ❖ Input the email address of an existing account ❖ Click submit. ❖ Run Junit4 	Email : chathushi0707@gmail.com	Received the password link to the email	As expected,	Pass

TC002	Test case 2	The user should have the URL of the website and open a homepage of the abcjobs.com	<ul style="list-style-type: none"> ❖ Type URL ❖ Click "Login" on the website home page ❖ Then click "forgot password" link in login page ❖ Click submit. 	Email: -----	Email address required	As expected,	pass
TC003	Test case 3	The user should have the URL of the website and open a homepage of the abcjobs.com	<ul style="list-style-type: none"> ❖ Type URL ❖ Click "Login" on the website home page ❖ Then click "forgot password" link in login page ❖ Input wrong email address ❖ Click submit. 	Email: chathushi777@gmail.com	The warning message should display		pass

10.2 Test Scenario 2: User Acceptance Testing (UAT)

Requirements	Test Scenario ID	Test Scenario	No of test cases
Functional Testing	TS003	Landing	2
	TS004	Registration	2
	TS005	Login	2
	TS006	Forgot Password	2

Test Scenario	Landing Page
TS003	
Test Cases	UAT Testing
UAT01	Check each hyperlink menu is loading correct page

Scenario ID	Test Case ID	Test Case	Preconditions	Test Step	Test Data	Expected Results	Actual Results	Pass / Fail	Evidence
TS003	UAT01	Check hyperlink menu is loading the correct page	The user should have the URL of the website and open a homepage of the abcjobportal.com	Go to Microsoft Edge Type www.abcjobportal.com and enter Click on all the links provided for test	Click on the register link	Loaded Register page	As expected,	Pass	UAT01(1) UAT01(2)
					Click on the login link	Loaded Login Page	As expected,	Pass	UAT01(1) UAT01(3)

TS003 – Landing Page

TS003 - UAT01(1)

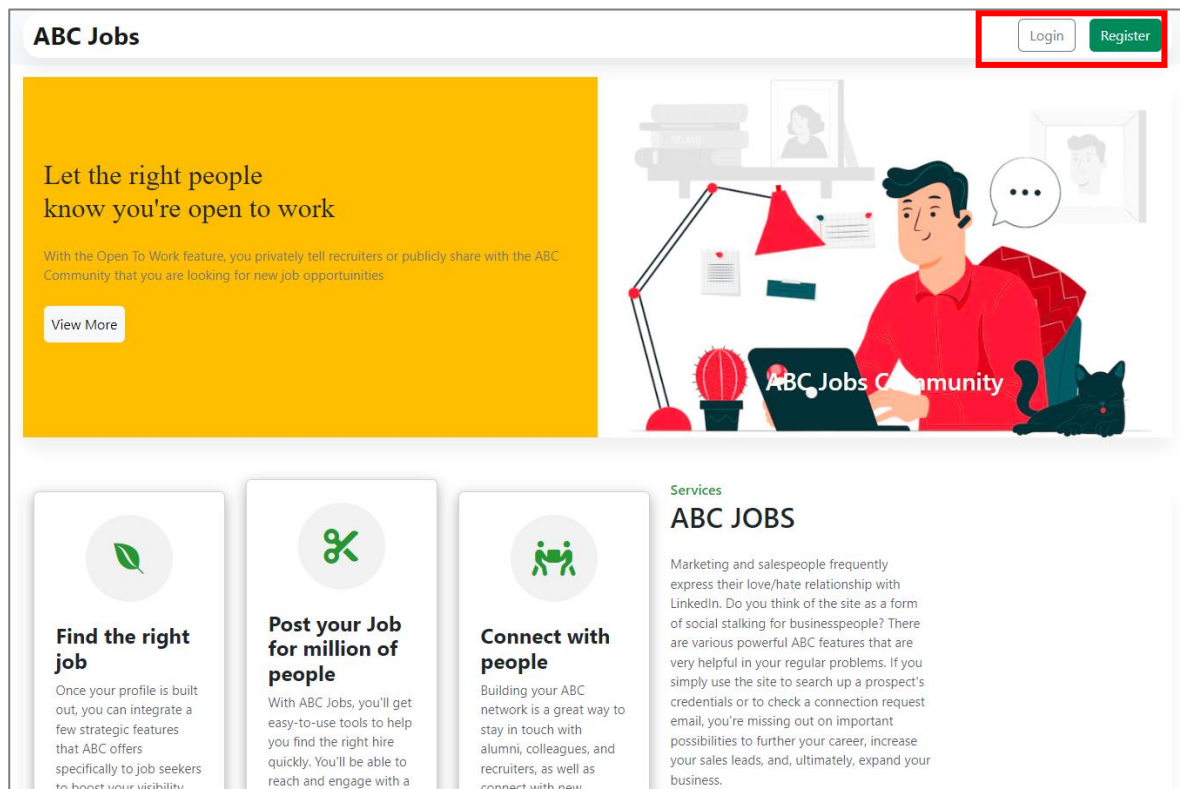


Figure 11:TS003 - UAT01-Screenshot of Landing Page

TS003 - UAT01(2)

ABC Jobs

Login Register

Sign up

Name

Email

Phone

City

Password

Repeat Password

Register

Sign up

Sign up with Google

Full Name Username

Email Address

Password

Create Account

Figure 12:TS003 - UAT01-Screenshot of Login Page

TS003 - UAT01(3)

ABC Jobs

Login

Register

Log in here

Email address

Password

[Forgot Password?](#)

Don't have an account? [Register](#)

Sign in

OR

Figure 13:TS003 - UAT02-Screenshot of Login with details

Test Scenario	Registration
TS004	
Test Cases	UAT Testing
UAT01	Check registration data stored in database
UAT02	Check each hyperlink menu is loading correct page

Scenario ID	Test Case ID	Test Case	Preconditions	Test Step	Test Data	Expected Results	Actual Results	Pass / Fail	Evidence
TS004	UAT01	Check registration data stored in database	The user should have the URL of the website and open a homepage of the abcjobportal.com	Go to Microsoft Edge Type www.abcjobportal.com and enter Click on all the links provided for test	Fill up registration form	Loaded registration thank you page and registered data stored in database	As expected,	Pass	UAT 01(1) UAT 01(2)
TS004	UAT02	Check hyperlink menu is loading the correct page	The user should have the URL of the	Go to Microsoft Edge Type www.abcjo	Fill up registration form and click register link	Loaded registration thank you page	As expected,	Pass	UAT 02(1)

			website and open a homepage of the abcjobportal.com	bportal.com and enter Click on all the links provided for test	Click on the login link	Loaded Login Page	As expected,	Pass	
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TS004 – UAT01(1)

ABC Jobs

LoginRegister

Sign up

Name

Email

Phone

City

Password

Repeat Password

Register

ABOUT US

ABC is an Sri Lanka business and employment-oriented online service that operates via websites and mobile apps. Launched on July 7, 2022, the platform is primarily used for professional networking and career development, and allows job seekers to post their CVs and employers to post jobs.

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23/B
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Colombo 8

abcjobs36@example.com

+ 94 762269976

+ 94 760528233

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Figure 14:TS004 - UAT01(1) Screenshot of Registration Page with details

TS004 – UAT01(2)

Server: 127.0.0.1 » Database: portalabc » Table: user_table

Showing rows 0 - 5 (6 total, Query took 0.0004 seconds.)

`SELECT * FROM `user_table``

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	id	city	contact	email	name	password
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	NULL	0742269976	chathudil77@gmail.com	Chathushi	12345
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	NULL	0553423456	rithu@gmail.com	Rithu	56789
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	Colombo	0712345678	nethu@gmail.com	Nethu	09876
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	6	Bandarawela	0760528233	chathushi0707@gmail.com	Chathu	777777
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	12	Tokyo	0764567893	aarvi@gmail.com	Aarvi	56789
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	13	Kandy	0745687546	silent@gmail.com	Silent	1234567

Check all | With selected: Edit Copy Delete Export

Console

Press Ctrl+Enter to execute query

```
> SELECT * FROM `user_table`
>
```

Figure 15:TS004 - UAT01(2) Screenshot of Database

TS004 – UAT02(1)

Sign up

Name
Silent

Email
silent@gmail.com

Phone
0745687546

City
Kandy

Password

Repeat Password
1234567

Register



ABC Jobs

Login Register

Thank You For Registration

Your account has been created successfully
A verification email has been sent to your registered email address.
Please click on the verification link included in the email to activate your account.

CONTINUE

ABOUT US

ABC is an Sri Lanka business and employment-oriented online service that operates via websites and mobile apps. Launched on July 7, 2022, the platform is primarily used for professional networking and career development, and allows job seekers to post their CVs and employers to post jobs.

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f t g in

Figure 16:UAT02-Screenshot of User Profile Page

Test Scenario	Login
TS005	
Test Cases	UAT Testing
UAT01	Enter user name and password then check user profile is loading
UAT02	Check clicking the forgot password link

Scenario ID	Test Case ID	Test Case	Preconditions	Test Step	Test Data	Expected Results	Actual Results	Pass / Fail	Evidence
TS005	UAT01	Enter user name and password then check user profile is loading	The user should have the URL of the website and open a homepage of the abcjobportal.com	Go to Microsoft Edge Type www.abcjobportal.com and enter Click on all the links provided for test	Fill up login form using email and password	Loaded registration user profile page	As expected,	Pass	UAT01(1) UAT01(2)
TS005	UAT02	Check clicking the forgot password link	The user should have the URL of the website and open a homepage of the abcjobportal.com	Go to Microsoft Edge Type www.abcjobportal.com and enter Click on all the links provided for test	Click forgot password link on login page	Loaded forgot password page	As expected,	Pass	UAT02(1)

TS005 – UAT01(1)

ABC Jobs

Login Register

Log in here

Email address
chathushi0707@gmail.com

Password

Don't have an account? [Sign up](#) [Forgot Password?](#)

Sign in

Figure 18:TS005 - UAT01(1) Screenshot of Login Page with details

ABC Jobs

HOME PEOPLE JOBS MY PROFILE Logout Register

About
A Lead UX & UI designer based in Canada
I **design and develop** services for customers of all sizes, specializing in creating stylish, modern websites, web services and online stores. My passion is to design digital user experiences through the bold interface and meaningful interactions.

Chathu
Edit profile

User Id	6
Name	Chathu
Email	chathushi0707@gmail.com
Phone	0760528233
City	Bandarawela
Profession	Lead UX & UI Designer

Figure 19:TS005 - UAT01(2) Screenshot of Login Page with details

TS005 – UAT02(1)

ABC Jobs

Login Register

Log in here

Email address
chathushi0707@gmail.com

Password

Don't have an account? [Register](#) [Forgot Password?](#)

Sign in

Figure 20:TS005 - UAT02(1) Screenshot of Login Page (Forgot Password)

ABC Jobs

HOME PEOPLE JOBS Login Register

Forgot your password???????

Enter the email address associated with your account.
We will email you a link to reset your password

Enter email

Reset Password

ABOUT US	OUR SERVICES	USEFUL LINKS	CONTACT
ABC is an Sri Lanka business and employment-oriented online service that operates via websites and mobile apps. Launched on July 7, 2022, the platform is primarily used for professional networking and career development, and allows job seekers to post their CVs and employers to post jobs.	Web Design Web Development Marketing Product Management Offer Jobs	Home About Us Services Term of Service Privacy Policy	23/B Virtusa Road Colombo 8 abcjobs36@example.com + 94 762269976 + 94 760528233

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Figure 21:TS005 - UAT02(2) Screenshot of Forgot Password Page

Test Scenario	Forgot Password	
TS006		
Test Cases	UAT Testing	
UAT01	After giving the email and clicking reset password, check if a reset password link is sent to the email	
UAT02	Check reset password hyperlink menu is loading correct page	

Scenario ID	Test Case ID	Test Case	Preconditions	Test Step	Test Data	Expected Results	Actual Results	Pass / Fail	Evidence
TS005	UAT01	After giving the email and clicking reset password, check if a reset password link is sent to the email	The user should have the URL of the website and open a homepage of the abcjobportal.com	Go to Microsoft Edge Type www.abcjobportal.com and enter Click on all the links provided for test	Enter email address and click reset password	Receive temporary login link sent to email address	As expected,	Pass	UAT01(1) UAT01(2)
TS005	UAT02	Check reset password hyperlink menu is loading correct page	The user should have the URL of the website and open a homepage of the abcjobportal.com	Go to Microsoft Edge Type www.abcjobportal.com and enter Click on all the links provided for test	Enter email address and click reset password	Redirected to forgot password confirmation page	As expected,	Pass	UAT02(1)

TS006 – UAT01(1)

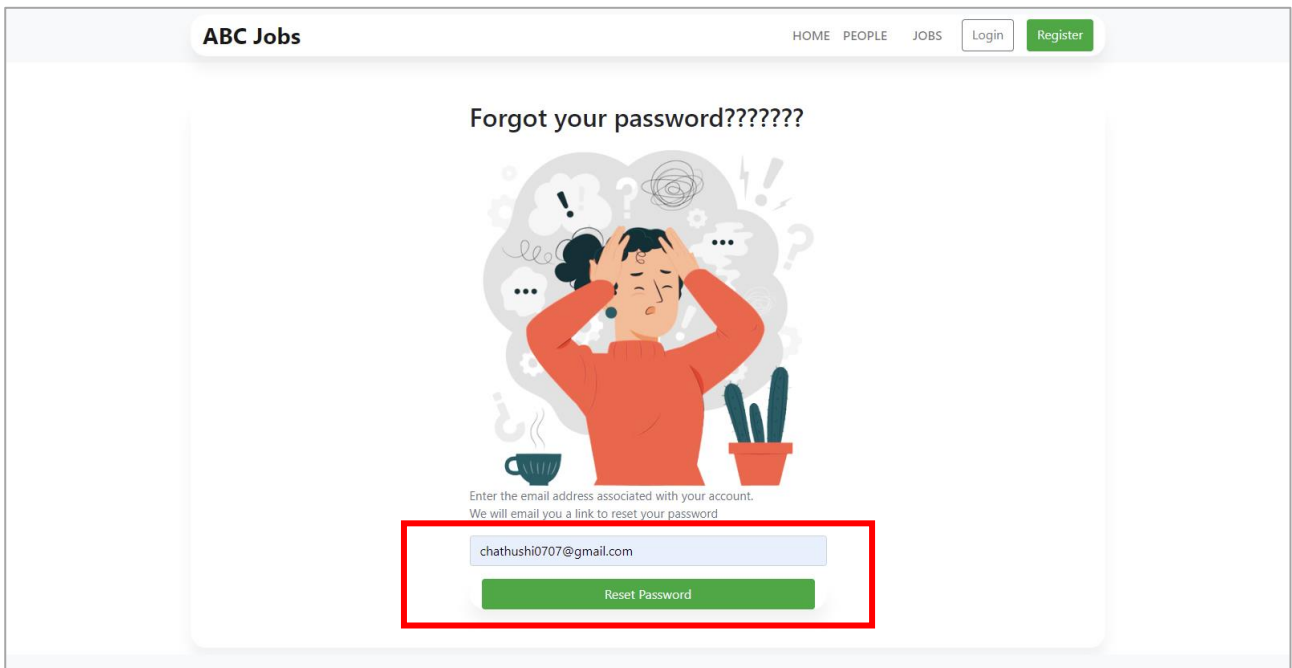


Figure 22:TS006 - UAT01(1) Screenshot of reset password

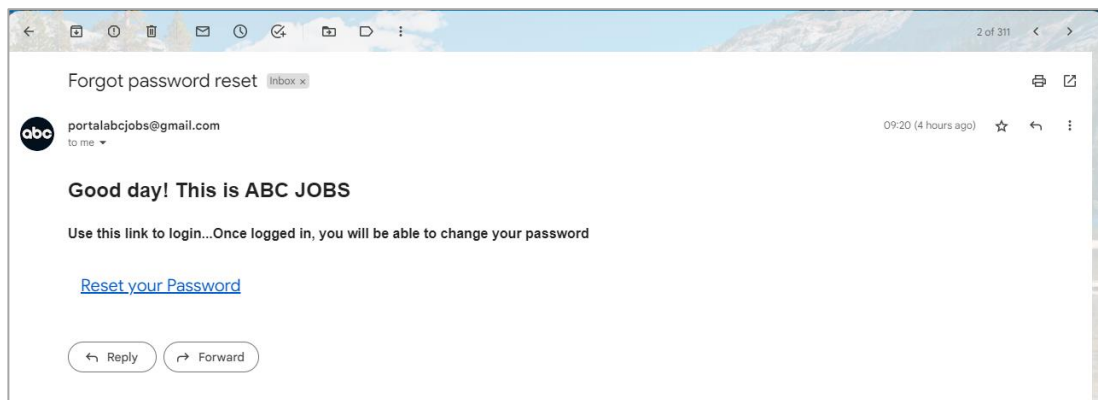


Figure 23:TS006 – UAT01(2) Screenshot of received email from ABC Portal

TS006 – UAT02(1)

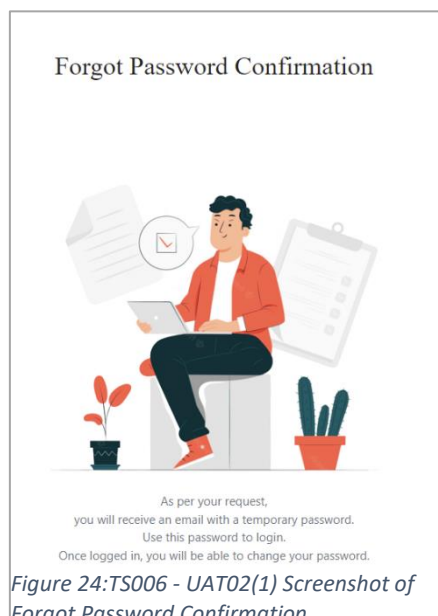


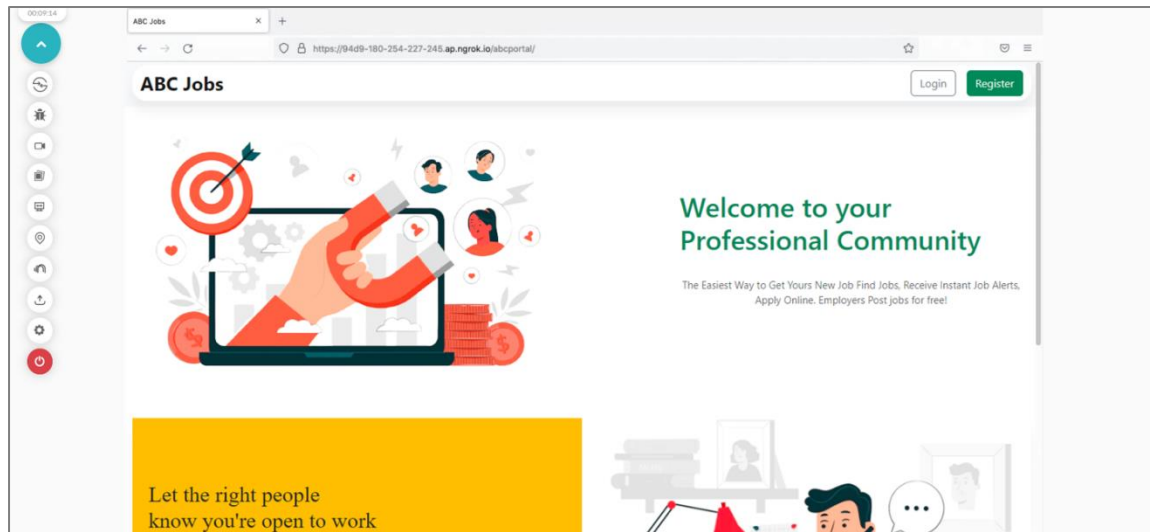
Figure 24:TS006 - UAT02(1) Screenshot of Forgot Password Confirmation

Scenario 3: Cross Browser Testing

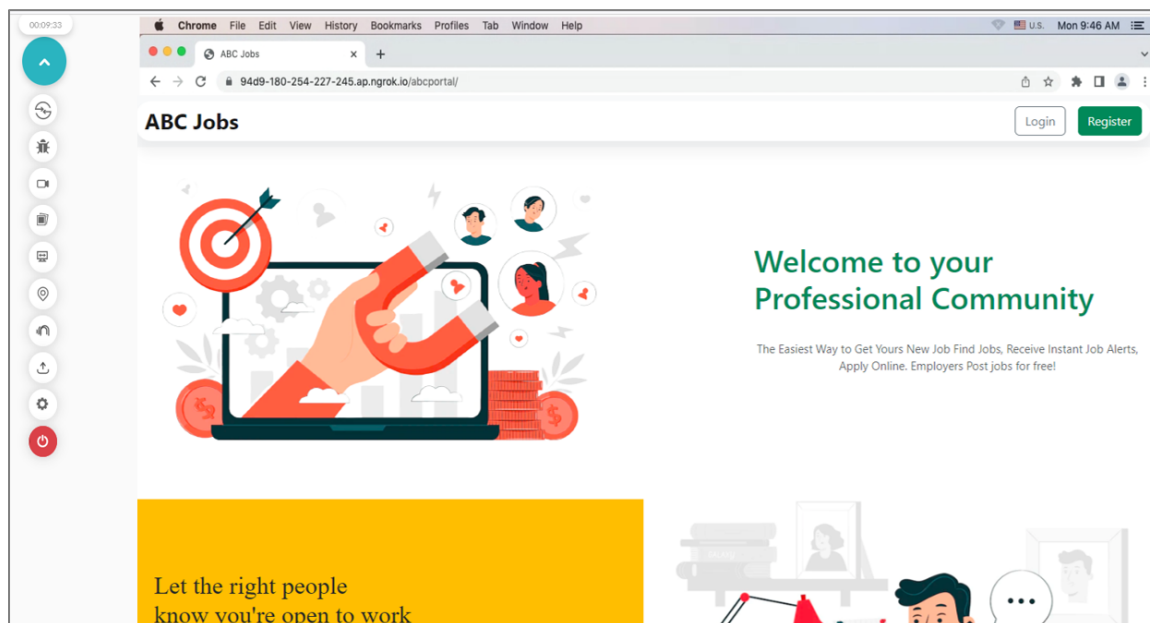
Test Scenario	Check that the application is run normally on multiple web browser
TS003	
Test Cases	Cross Browser Testing
CBT01	Check browser can run on Mozilla Firefox web browser using lamdatest
CBT02	Check browser can run on Google Chrome web browser using lamdatest

Scenario ID	Test Case ID	Test Case	Preconditions	Test Step	Test Data	Expected Results	Actual Results	Pass / Fail	Evidence
TS003	CBT01	Check browser can run on Mozilla Firefox web browser using lamdatest	The user should have the URL of the website and open a homepage of the https://app.lamdatest.com/	Go to Microsoft Edge Type wwwhttps://app.lamdatest.com/ and enter And then click on real time testing and paste link there	ABC Jobs Portal website hosted in ngrok software	Run normally as it should	AS expected,	Pass	CBT01(1)
TS003	CBT02	Check browser can run on Google Chrome web browser using lamdatest	The user should have the URL of the website and open a homepage of the abcjobportal.com	Go to Microsoft Edge Type www.abcjobportal.com and enter Click on all the links provided for test	ABC Jobs Portal website hosted in ngrok software	Run normally as it should	As expected,	Pass	CBT02(1)

CBT 01(1)



CBT 01(2)



References

www.youtube.com

www.w3school.com

www.stackoverflow.com