

# **TEST PLAN**

for

## **Digital Resume Builder**

GROUP 5

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## Approvals

	Project Manager	QA Lead
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## 1. Summary

Digital Resume Builder is an online web application that provides users with interactive forms and templates for creating a resume quickly ,easily and available online. It uses resume templates/designs that can add, save, edit, even customise the personal details of the user.

This Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the web application.

URL: <http://167.71.226.96>

## 2. Scope

A Testing Scope is a list of product features, product parts, or product-related integrations that must be tested in order to build a reliable assessment of a product's quality. Once all functional testings such as Unit, Integration and System testing are completed do non-functional testings such as performance, load etc.

Functions to be tested

- Sign up
- Login
- Home page
- Create, Edit & Delete profile
- Download resume
- Share resume weblink
- Resume video

### 3. Out of Scope

Functions not to be tested

- Database Testing
- Hardware and any other external interfaces

### 4. Assumptions

- The Digital Resume Builder website will be ready for testing
- The developer had fully unit tested each component and made available for the testing team to perform remaining integration and system tests within the scheduled date.
- Completely analysed our product through Business Requirement Document(BRD) and Software Requirement Specification(SRS) documents.

## 5. Schedules

SI No.	Scheduled Task	Date Scheduled Start	Date Scheduled End
1	Test plan preparation	04/02/2023	10/02/2023
2	Manual testing and test case preparation	11/02/2023	18/02/2023
3	Automate the Test Scenario	19/02/2023	25/02/2023
4	Perform Functional Testing	19/02/2023	25/02/2023
5	Perform Performance Testing	26/02/2023	04/03/2023
6	Deployment of work in GitHub	04/03/2023	05/03/2023

## 6. Roles and Responsibilities

Name	Title	Responsibilities
Remya U L	Project Manager	<ul style="list-style-type: none"><li>• Planning everything from execution to delivery.</li><li>• Managing the deployment deliverables, time and documentation.</li><li>• Conducting regular sprint meetings and coordinating with the clients.</li></ul>
Sreelakshmi T G	Lead	<ul style="list-style-type: none"><li>• Responsible for project schedule</li><li>• Leads all testing activities, including test planning, test execution, and status reporting.</li></ul>
Rani R R Neeshma Aswani Renjith Sona S J	Tester	<ul style="list-style-type: none"><li>• Test plan preparation</li><li>• Test case preparation</li><li>• Automate the Test Scenario</li><li>• Perform Functional Testing</li><li>• Perform Performance Testing</li><li>• Deployment of work in GitHub</li></ul>

## 7. Test Deliverables

Test deliverables are provided **before** testing phase.

- Test plans document
- Test cases documents
- Test Design specifications

Test deliverables are provided **during** the testing

- Test Scripts
- Test Data
- Test Traceability Matrix
- Error logs and execution logs

Test deliverables are provided **after** the testing cycle is over.

- Test Results/reports
- Defect Report
- Installation/ Test procedures guidelines
- Release notes

## 8. Environment setup/Tools

- Operating System: Windows 11
- Automation Tool: Selenium
- Framework: TestNG
- IDE: Eclipse
- Build tool: Maven
- Design pattern: Page object model
- Scripting language: Java
- Performance Testing Tool: JMeter
- Project Management Tool: JIRA
- Test case creation: MS Excel
- Browser: Google Chrome(latest version)
- Network: WiFi



## 9. Risk and Risk Mitigation Plan

Risk	Mitigation
Team member lack the required skills for website testing	Plan training course to skill up your members
The project schedule is too tight; it's hard to complete this project on time	Set Test Priority for each of the test activity
Test Manager has poor management skill	Plan Leadership Training for manager
A lack of cooperation negatively affects your employees' productivity	Encourage each team member in his task, and inspire them to greater efforts
Wrong budget estimate and cost overruns	Establish the scope before beginning work, pay a lot of attention to project planning and constantly track and measure the progress

## 10.Entry and Exit Criteria

### Entry Criteria

- All test hardware platforms must have been successfully installed,configured and functioning properly.
- All the standard software tools including the testing tools must have been successfully installed and functioning properly.
- Proper test data is available.
- The test environment should be ready , required access should be provided.
- Reviewed test scenarios,test cases and RTM.

### Exit Criteria

- Verify if All tests planned have been run.
- Verify if the level of requirement coverage has been met.
- Verify if there are NO Critical or high severity defects that are left outstanding.
- Verify if all high risk areas are completely tested.
- Verify if software development activities are completed within the projected cost.
- Verify if software development activities are completed within the projected timelines.
- Achieving complete Functional Coverage
- Re-testing and closing all the high-priority defects to execute