



## ***TEST PLAN***

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## Introduction

The aim of this document is to give an overview of the testing approach, strategies, and scope for the Resume Flow web application. This document includes details like scope of the project, objectives, test schedule and resource allocations, test deliverables and reports.

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## Objectives

- To ensure the functionalities of key features such as Sign-Up, Sign-In, Manage Account, Dashboard, Resume AI Generator.
- To confirm compatibility with different browsers.

## Scope

This test plan covers only functional testing, compatibility testing, performance testing of the Resume Flow web application across different browsers.

## Testable Features

- Sign-Up
- Log-In
- Log-Out
- Dashboard
- Create My Resume
- Homepage
- FAQ Section
- Sidebar
- Job Seeker
- Our Company
- Career Resource
- Support And Other
- Social Media Link
- Terms & Condition
- Privacy Policy

➤ Contact Us

## Testing Approach:

### ➤ Testing Types

- Functional Testing
- Compatibility Testing
- Performance Testing
- Usability Testing
- Boundary Testing
- Compatibility Testing
- Security Testing
- UI/UX Testing
- Responsive Testing

### ➤ Testing Methodologies

- Black-box Testing
- User Acceptance Testing (UAT)

### ➤ Testing Environment

- UAT
- Pre-Production

### ➤ Operating System

- Windows 11 and above
- Browsers: [Chrome and Safari ]

## Roles/Responsibilities

| Name               | Role          | Responsibilities   |
|--------------------|---------------|--|
| Pranav Suryawanshi | Test Manager  | <ul style="list-style-type: none"> <li>✓ Manage budget and resources.</li> <li>✓ Allocating additional support resource.</li> <li>✓ Assess and prioritize project risks/tasks.</li> <li>✓ Monitoring project progress.</li> <li>✓ Resolve communication issues and conflicts effectively.</li> </ul>   |
| Maithili Patil     | Test Lead     | <ul style="list-style-type: none"> <li>✓ Develop test plans and strategies in alignment with project objectives and requirements.</li> <li>✓ Assign tasks, set priorities, and provide and support to team members.</li> <li>✓ Review test results and provide feedback to team members.</li> <li>✓ Monitor and manage risks throughout the testing life cycle.</li> </ul> |
| Sejal Patil        | Test Engineer | <ul style="list-style-type: none"> <li>✓ Understand customer requirements</li> <li>✓ Write Test scenarios &amp; Test cases</li> <li>✓ Executing the Test cases.</li> <li>✓ Performing root cause analysis to identify underlying issues.</li> <li>✓ Defect tracking and reporting.</li> </ul>  |
| Pratik Patil       | Test Engineer | <ul style="list-style-type: none"> <li>✓ Understand customer requirements</li> <li>✓ Configuring and Setting up test environment.</li> <li>✓ File Closure activity.</li> </ul>   |

## Test Schedule

Following is the test schedule planned for the project:

| Task                      | Time Duration       |
|---------------------------|---------------------|
| Test Plan creation        | 01 Oct 2024         |
| Test Scenario creation    | 02 Oct 2024         |
| Test case creation        | 02 Oct - 3 Oct 2024 |
| Test case Execution       | 3 Oct - 5 Oct 2024  |
| Summary Report Submission | 5 Oct 2024          |

## Test Deliverables

The following are to be delivered to the client:

| Deliverables   | Description   | Responsible Owner | Target Completion Date |
|----------------|---|-------------------|------------------------|
| Test Plan      | Outlines the testing approach, strategies, and scope for the Resume Flow web application. | Masai             | 01 Oct 2024            |
| Test Cases     | Test Cases created for both functional testing and compatibility testing                  | Masai             | 02 Oct 2024            |
| Defect Reports | Detailed description of the defects identified in different versions of application.      | Masai             | 03 Oct 2024            |

## Entry and Exit Criteria

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

### Requirement Analysis

➤ **Entry Criteria:**

Once the testing team receives the Requirements documents and use documents of the project. Includes what functions needs to be tested and how the software should behave.

➤ **Exit Criteria:**

The testing team should thoroughly explore and understand each requirement listed in the documents. Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the testing team has a clear understanding of what needs to be tested and how it should behave.

### Test Planning

➤ **Entry Criteria:**

Testable Requirements derived from the given Requirements documents. Test Plan document includes the Test Strategy, which provides a high-level overview of how testing will be conducted.

➤ **Exit Criteria:**

Test Plan is signed-off by the Client (RESUME FLOW)

### Test Designing

➤ **Entry Criteria:**

The Test Plan document needs to be reviewed and approved by the client and then Test Plan Document is signed-off by the Client

➤ **Exit Criteria:**

Test Scenarios and Test Cases Documents are prepared, they need to be reviewed and signed-off by the Client.



## Test Execution

### ➤ **Entry Criteria:**

Test Scenarios and Test Cases document needs to be reviewed and approved by the client and documents are signed-off by the Client. Application is ready for further Testing.

### ➤ **Exit Criteria:**

Test Case Reports, Defect Reports are ready

## Test Closure

### ➤ **Entry Criteria:**

Test Case Reports, Defect Reports are ready

### ➤ **Exit Criteria:**

Test Summary Reports, it overviews of the entire testing process

## Tools

The following are the list of Tools we will be using in this Project:

- ☐ Miro mind map Tool
- ☐ Jira - Project management tool
- ☐ Zephyr- Test Management
- ☐ Slack - collaboration

## Risks and Mitigation plans:

The following are the list of risks possible and the ways to mitigate them:

| Risk                               | Mitigation plans   |
|------------------------------------|--|
| Lack of Automation Testers         | Backup Resource Planning   |
| No detailed Requirements available | Subject matter experts available for deep understanding of functionalities |

## Approval

Masai will send different types of documents for Client Approval like below:

- ☐ Test Plan
- ☐ Test Scenarios
- ☐ Reports
- ☐ BUG Report
- ☐ Bug PPT
- ☐ FRS
- ☐ RTM
- ☐ TestExecution Results

Testing will only continue to the next steps once these approvals are done