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| **Software Test Documentation (STD)** |
| Project : Recruitment Solution Agency( RSA) |
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Cover Page

Revisions Page

Table of Contents

**Table of Contents**

**1 INTRODUCTION……………………………………………….3**

* 1. System Overview……………………………………………………3
  2. Test Approach……………………………………………………3

**2 TEST PLAN…………………………………………………………4**

2.1 Features to be Tested……………………………………………….4

2.2 Features not to be Tested………………………………………….4

2.3 Testing Tools and Environment……………………………………………4

**3 TEST CASES………………………………………………….5**

3.n Case-n………………………………………………………………6

3.n.1 Purpose…………………………………………………………6

3.n.2 Inputs……………………………………………………………6

3.n.3 Expected Outputs & Pass/Fail criteria………………………………6

3.n.4 Test Procedure……………………………………………6

**4 ADDITIONAL MATERIAL (including appendix A) …………….7**

**APPENDIX……………………………………8**

A. TEST LOGS………………………………………9

A.n Log for test n…………………………………………………10

A.n.1 Test Results………………………………………………10

A.n.2 Incident Report……………………………………………………11

**1 INTRODUCTION**

We are pleased to introduce **"RECRUITMENT SOLUTION AGENCY"**, a project that aims to provide a comprehensive solution to the recruitment needs of companies and candidates alike.

**1.1 System Overview**

Our system aims to facilitate the recruitment process by providing an interactive interface for clients that enables them to post jobs and search for suitable candidates, in addition to a platform for candidates to upload their CVs and submit their applications.

**1.2 Test Approach**

The system will be tested through a comprehensive approach that includes unit tests to ensure each part of the system works separately, and system tests to verify that components interact properly together. Test cases will be documented and specialized testing tools used to ensure quality.

**2 TEST PLAN**

A comprehensive test plan will be developed that includes the test strategy, test scope, and timelines for each stage of the test. The plan will cover unit testing, system tests, performance and security tests.

**2.1 Features to be Tested**

The features that will be tested will include: customer and company registration, job posting, job search, uploading resumes by candidates, submitting job applications, and interaction of all elements.

**2.2 Features not to be Tested**

Our testing will not include the financial aspects of payment or collection, as well as any future extensions that may not be part of this release.

**2.3 Testing Tools and Environment**

We will be using testing tools like JUnit and Selenium for unit and UI testing respectively. The test environment will include simulated development and test environments that reflect the production environment with minimal differences.

**3 TEST CASES**

**1. Description:** Verify that the system is able to correctly register a new filter.

**2. Environment:** Test environment.

**3. Data:** Filter data filled in correctly.

**4. Steps:**

* Access to the candidate registration page.
* Fill in the registration form with the required data (name, email, password, CV, etc.).
* Click "Register" to create a candidate account.

**5. Success Requirements:** Candidate account must be successfully created and directed to a confirmation page.

**6. Failure Requirements:** If the registration process fails, an error message should be displayed with the reason for the failure.

**7. Final Verification:** Verify that the candidate's data has been registered correctly and that the candidate's account can be accessed after registration.

**3.n Case-n**

**3.n.1 Purpose**

verify the ability of candidates to add new skills to their profile

**3.n.2 Inputs**

New skill to add (eg "web development" or "project management").

**3.n.3 Expected Outputs & Pass/Fail criteria**

**Expected result and success criteria:**

* The new skill must be successfully added to the candidate's file.
* A confirmation of the successful addition of the skill should appear.

**Fail Criteria:**

* If the skill addition process fails, an error message should be displayed with the reason for the failure.

**3.n.4 Test Procedure**

1. Log in to the candidate's account.

2. Go to the candidate's profile.

3. Click "Add New Skill".

4. Fill in the skill field with the required new skill.

5. Click Save to add the skill.

6. Verify that the skill has been successfully added and appears in the candidate's file.

**4 ADDITIONAL MATERIAL (including appendix A)**

**Extra Material:**

This section adds more context and detail to the Employment Solutions Agency documentation. Include additional resources that enhance understanding of the topic and provide additional information of value.

**Example:**

**Appendix A: Job Descriptions:**

A detailed description of the various jobs that the agency employs.

**Appendix B:** **Interview Assessment Rubric:**

A guide to help assess candidates' performance during interviews.

**Appendix C:** **Client Onboarding Checklist:** A detailed list of steps to take to receive new clients.

**Appendix D:** **Legal Compliance Guidelines:**

Guidelines for complying with applicable employment laws and regulations.

**APPENDIX**

**Appendix A: Glossary**

In this appendix, you'll find definitions for key terms used throughout the documentation.

**Appendix B: Sample Test Data**

This section provides sample data that was used during the testing phase for reference.

**Appendix C: Screenshots**

Included here are screenshots of the application's various interfaces to help illustrate the testing process.

**Appendix D: Error Code Reference**

This section lists common error codes that might be encountered during testing, along with their meanings.

**A. TEST LOGS**

**Test Case: Candidate Registration**

* Date: August 15, 2023
* Steps: Entered candidate info, clicked "Register."
* Results: Successful registration, redirected to confirmation.
* Notes: No issues encountered.

**Test Case: Job Search**

* Date: August 17, 2023
* Steps: Logged in, searched for jobs.
* Results: Jobs matching criteria displayed.
* Notes: Search results accurate.

**Test Case: Adding Skill**

* Date: August 19, 2023
* Steps: Logged in, added "Project Management" skill.
* Results: Skill added to profile.
* Notes: No problems observed.

**A.n Log for test n**

**Date:** August 22, 2023

**Test Case:** Test N

**Tester:** [Tester's Name]

**Environment:** Testing environment

**Steps:**

1. [Step 1]

2. [Step 2]

3. [Step 3]

* (continue with the steps)

**Actual Results:** [Describe the results observed during testing].

**Notes:** [Any additional notes or observations during the test].

**Pass/Fail:** [Indicate whether the test passed or failed].

**Defects:** [List any defects or issues encountered during the test] Log for test n.

**A.n.1 Test Results**

Test results summarize the outcome of each test case. They indicate whether the test was successful or not. Test results are typically categorized as "Pass" or "Fail."

**For example:**

* **Test Case:** Candidate Registration
* **Result:** Pass
* **Test Case:** Job Search
* **Result:** Pass
* **Test Case:** Adding Skill
* **Result:** Pass

**A.n.2 Incident Report**

An incident report is a document used to record and track defects or issues discovered during testing. It provides details about the issue, its severity, steps to reproduce, and any other relevant information. This report helps development teams identify and address problems in the software.

**Example of an incident report:**

**Incident ID:** IR12345

**Date:** August 23, 2023

**Module:** Candidate Registration.

**Severity:** High.

**Description:** When attempting to register without entering an email, the system displays a generic error message instead of a specific email-related error.

**Steps to Reproduce:**

1. Access candidate registration page.

2. Leave the email field empty.

3. Click "Register" button.

**Expected Behavior:** Error message related to missing email should be displayed.

**Actual Behavior:** Generic error message appears.

**Status:** Open.

**Assigned To:** Development Team.

**Comments:** The issue impacts user experience and should be addressed urgently.