

Test Execution

Job Search System

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1.0 INTRODUCTION

The application “Job Search” provides an easy and convenient search application for job seekers to find their desired jobs and for the recruiters to find the right candidate. Job seekers can register with the application and update their details and skill set. Employer can register with the application and post their current openings. They can view the Job applications and can screen them according to the best fit.

2.0 TESTING STRATEGY

Testing is a set of activities which are decided in advance i.e. before the start of development and organized systematically. Testing strategy steps will define scope of testing, Identify testing type, Document risks. A types of software testing is as follows Unit Testing, Integration Testing, User acceptance testing, Compatibility testing.

Approach	Type of Testing	Manual Testing		Automated Testing on Device	Tools/APIs/Libraries
		Using Device	Using Emulator		
Standard Testing (Functional Testing)	Unit Testing	Yes	Yes	Yes	JUnit (Unit Testing Framework)
	Integration Testing	Yes	Yes	Yes	
	Acceptance Testing	Yes	Yes	No	
Special Type of Testing to Address Specific Challenge	Compatibility Testing	Yes	Yes	Yes	

2.1 UNIT TESTING

MODULE/FUNCTIONALITY NAME:	Test database connection
UNIT/CLASS:	Database
CREATED BY:	Deepak Kadam
DATE OF CREATION:	06/08/2019
DATE OF REVIEW:	10/08/2019

TEST CASE ID	TEST UNIT/CLASS	TEST CASE	PRE-CONDITION	EXPECTED RESULT	ACTUAL RESULT	STATUS (PASS/FAIL)
1	Database	Validate DBMS Connection	JDBC driver should be present	Not null	Not null	Pass

Execution Status: Completed

MODULE/FUNCTIONALITY NAME:	Insert Company test
UNIT/CLASS:	InsertCompany
CREATED BY:	Swati Patra
DATE OF CREATION:	06/08/2019
DATE OF REVIEW:	10/08/2019

TEST CASE ID	TEST UNIT/CLASS	TEST CASE	PRE-CONDITION	EXPECTED RESULT	ACTUAL RESULT	STATUS (PASS/FAIL)
1	InsertCompany	Insert company details in the database	Database connection should be established	Company details inserted into the database	Company details inserted into the database	Pass

Execution Status: Completed

MODULE/FUNCTIONALITY NAME:	Display entries from database
UNIT/CLASS:	Display
CREATED BY:	Arisha Chamadiya
DATE OF CREATION:	06/08/2019
DATE OF REVIEW:	10/08/2019

TEST CASE ID	TEST UNIT/CLASS	TEST CASE	PRE-CONDITION	EXPECTED RESULT	ACTUAL RESULT	STATUS (PASS/FAIL)
1	Display	Display company entries	Company details should be present in the database	Company list	Company list	Pass

Execution Status: Completed

MODULE/FUNCTIONALITY NAME:	Search for candidates
UNIT/CLASS:	SearchCandidate
CREATED BY:	Arisha Chamadiya
DATE OF CREATION:	06/08/2019
DATE OF REVIEW:	10/08/2019

TEST CASE ID	TEST UNIT/CLASS	TEST CASE	PRE-CONDITION	EXPECTED RESULT	ACTUAL RESULT	STATUS (PASS/FAIL)
1	SearchCandidate	Display candidates	Candidate details should be present in the database	Arisha Deepak	Arisha Deepak	Pass

Execution Status: Completed

MODULE/FUNCTIONALITY NAME:	Insert Candidate details
UNIT/CLASS:	InsertCandidate
CREATED BY:	Swati Patra
DATE OF CREATION:	06/08/2019
DATE OF REVIEW:	10/08/2019

TEST CASE ID	TEST UNIT/CLASS	TEST CASE	PRE-CONDITION	EXPECTED RESULT	ACTUAL RESULT	STATUS (PASS/FAIL)
1	InsertCandidate	Insert candidate details in the database	Database connection should be established	Candidate details inserted into the database	Candidate details inserted into the database	Pass

Execution Status: Completed

MODULE/FUNCTIONALITY NAME:	Search for company
UNIT/CLASS:	SearchCompany
CREATED BY:	Deepak Kadam
DATE OF CREATION:	06/08/2019
DATE OF REVIEW:	10/08/2019

TEST CASE ID	TEST UNIT/CLASS	TEST CASE	PRE-CONDITION	EXPECTED RESULT	ACTUAL RESULT	STATUS (PASS/FAIL)
1	SearchCompany	Searching for companies in the database based on candidate's constraints	Company Details should be present	TCS	TCS	Pass

Execution Status: Completed

2.2 INTEGRATION TESTING

PROJECT NAME:	Job Search System
MODULE/FUNCTIONALITY:	Linked Resources Testing
CREATED BY:	Deepak Kadam
DATE OF CREATION:	11/08/2019
DATE OF REVIEW:	14/08/2019

2.3 USER ACCEPTANCE TESTING

PROJECT NAME:	Job Search System
MODULE/FUNCTIONALITY:	Validate Input Fields
CREATED BY:	Deepak Kadam, Swati Patra, Arisha Chamadiya
DATE OF CREATION:	15/08/2019
DATE OF REVIEW:	19/08/2019

ID	Test Description	Step #	Test Steps	Exp. Results	#Business Req. Covered	#Functional Req. Covered
1	Validating all the entries	-	1) If one of the fields is empty, it will give an alert message that all entries are compulsory 2) Input type will be validated	Text field constraints and user credentials are validated	Username and password are being verified using Java String functions	Login credentials has been validated through database

3.0 RESOURCES/ROLES & RESPONSIBILITIES

1. Deepak Kadam – Unit Testing
2. Arisha Chamadiya – Integration Testing
3. Swati Patra – User Acceptance Testing

4.0 TOOLS

- JUnit testing framework
- Eclipse IDE

5.0 APPROVALS

Ms. R. M. WAHUL