

Test Plan for JobsAustralia.tech

1. Introduction

This section is intended to outline the testing method that we have implemented during the development of the project. Seeing as our website, JobsAustralia.tech, has many different features, the group has determined that it is best to test all the functions as they are developed at the end of each sprint. The testing is meant to confirm that each function works as intended.

1.1 Objectives

JobsAustralia.tech is a job matching website where employees/jobseekers can list their relevant skills and they will be matched with jobs that are relevant to their skillsets. Employers can also use the website to list jobs.

This test plan covers the following:

- Outline the testing method used.
- Determine the features/functions that need to be tested.
- List the use cases/ how the feature/function should work.
- Output from the testing method.

Team Members and their roles:

Dennis Mihalache: Project Leader/Scrum Master.

Ozlem Kirmizi: Team Member.

Aaron Horler: Team Member.

Kim Luu: Team Member.

Melissa Nguyen: Team Member.

2. Scope

The testing method that we will be using is the lean testing method. We chose to use the website, leantesting.com. All team members were invited to join this website. All the important features that the group decided needed to be tested were added in the test case. Use cases were also added to each function and the result was either a pass or fail. Functionality, usability and compatibility testing were the methods chosen to test our project. Compatibility testing was done by testing each function in different browsers. Usability and functionality testing was done by getting family members to use the website and test a specific function. The results were then recorded.

These were the types of testing that we conducted.

Compatibility Testing	Testing on different devices and browsers.
Usability Testing	Testing to see if the function works by using real people to conduct the tests.
Functionality Testing	Testing that the function does what it's intended to do.

3. Test Items/Features

These are the main functions the group has identified to test.

Functionality Testing
Create profile as employer
Register employee account
Homepage
Register employer account
Login
Logout
Delete account function
Create profile as an employee
Databases
Edit job seeker profile
Post job as an employer
Employees can apply for a job
Deployment to cloud service
Employees can upload/update resume
Employer can view apps resume
Employer can reject applicant
Github skill integration
View matching jobs as an employee
View posted jobs as an employer
Edit/delete job as an employer
View employer profile
Edit profile as an employer
View job seeker profile
Job match algorithm
Employer can view applicants

Main Pages that we tested for compatibility
Homepages for both sites (Employee and Employer)
Register page for both sites (Employee and Employer)
Login page for both sites (Employee and Employer)
Job match page for employees
View applicants for page for employers

Devices and Browsers that we conducted our compatibility tests on
Windows Desktop
Mac Laptop
iPhone 7 Plus
Samsung Galaxy S6
Chrome
Firefox

4. Output From Testing

- Reports at the end of each sprint regarding whether each function has passed or failed the use cases given.
- Bug reports listed on learntesting.com.

Below is the complete report for the project.

Project Name	jobs Australia
% Remaining	0
% Pass	100
% Failed	0
% CNT	0
% N/A	0

Results

create profile as employer

Pass Case #1 can create profile as employer

register employee account

Pass Case #1 can register account as an employee

register employer account

Pass Case #1 can register account as employer

login

Pass Case #1 can login

logout

Pass Case #1 can logout

delete account function

Pass Case #1 delete employee account

Pass Case #2 delete employer account

create profile as an employee

Pass Case #1 employees can create profiles

databases

Pass Case #1 databases work as intended

edit job seeker profile

Pass Case #1 job seeker can edit their profile

job posting initial

Pass Case #1 initial works

homepage

Pass Case #1 links function as intended

edit job seeker profile

Pass Case #1 job seeker can edit their profile

view employer profile

Pass Case #1 employer can view their profile

edit profile as an employer

Pass Case #1 employer can edit their profile

view job seeker profile

Pass Case #1 can view job seekers profile

edit/delete job as an employer

Pass Case #1 employer can edit/delete jobs

post job as an employer

Pass Case #1 employer can post jobs

edit/delete job as an employer

Pass Case #1 employer can edit/delete jobs

Employees can upload resume

Pass Case #1 Can upload and delete or preview current resume.

deployment to cloud service

Pass Case #1 app fully works

view posted jobs

Pass Case #1 employer can view their posted jobs

Pass Case #2 employees can view posted jobs

view matching jobs as an employee

Pass Case #1 employees can view jobs that match them

employees can apply for a job

Pass Case #1 employee can apply for posted jobs

Employer can view apps resume

Pass Case #1 employer can view an applicant's resume

Github skill
integration

Pass Case #1 users can import their skills from github successfully.

Bugs that were identified (Note that these bugs have now been fixed):

- Event handlers don't work in Firefox.
- Navigation bar heading drops down to below menu on small devices. Looks ugly.
- Mail sending is slow, and delays requests.
- Matchmaking fails in Edge and IE.

5. Technical Requirements For Testing

In order to successfully test our project, the following was required:

- Being able to access the project.
- Having access to the leantesting.com platform.
- Downloading the required browser for testing.
- Having the required device, as listed in devices and browsers, to test the project.