

WALDO

TEST PLAN

Version 1.0

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Version History

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1 Introduction

1.1 Purpose of the Test Plan Document

This document will outline the strategies that will be used to test the Waldo application. The document covers:

- Test Item - A list of items that will or will not be tested as well as descriptions of the test approaches.
- Risks and Mitigation - An outline of the risks that may appear while testing and how to avoid or mitigate them.
- Roles and Responsibilities - An outline of the testing each role will focus on.

1.2 Project Description

Waldo is a mobile application focused on allowing users to find and communicate with potential employers. The users set up a profile with their personal skills that will be used to find relevant employers. They will also be able to look up employers that do not fit their criteria if they choose.

This application uses EmberJS, Blueprint, Blueprint-Gatekeeper, Blueprint-MongoDB, Dab.

2 Test Item

2.1 Items to be Tested / Not Tested

Item to Test	Description	Responsibility
Chat Controller	Defines the chat functionality	Backend
Education Controller	Defines education, a profile item	Backend
Employer Controller	Defines an employee's relationship to a company or job	Backend
Experience Controller	Defines experience, a profile item	Backend
Job Controller	Defines the user's method of accessing a job posting	Backend
Occupation Controller	Defines occupation, a profile item	Backend
Skill Controller	Defines skill, a profile item	Backend
User Controller	Defines the actions a user is able to perform	Backend
Logged In Navigation	Navigating to welcome screens while logged in takes user to profile page	Frontend
View Profile-based jobs	A user can view profile based jobs	Frontend
Navigate to search details	A user can navigate to the search-details page	Frontend
Navigate to job	Clicking on "View Job Description" on any job in the app takes user to the job description page	Frontend
Navigate to login	The user can navigate to the login page from welcome	Frontend
Navigate to sign-up	The user can navigate to the sign-up page from welcome	Frontend

Login	The user can log in	Frontend
Sign out	Signing out takes user to login page	Frontend
Search Component	Searching calls callback and sets value in caller	Frontend
Top Header Component	Clicking buttons in top header component calls the callbacks passed into the component	Frontend
Image Helpers	Image url helpers build image urls properly	Frontend

2.2 Test Approaches

Functional Testing - Used to ensure our items work as intended.

Integration Testing - Used to ensure our frontend and backend are compatible.

2.3 Test Pass / Fail Criteria

If an item is able to run properly without altering any items outside of its scope, it has passed.

If an item is not able to run properly or alter items outside of its scope, it has failed.

2.4 Test Entry / Exit Criteria

Once a listed item has been implemented, testing may begin. Testing may stop if new changes will occur within the item in the near future. Testing stops if the item has passed all of its designated tests.

2.5 Test Suspension / Resumption Criteria

When an items has been successfully tested, testing may be suspended. If an item has been affected by changes to the software, testing must resume.

If an item is no longer in use, all testing may be suspended. If that item is reintroduced, testing must also resume.

3 Risk and Mitigation

3.1 Test Risks / Issues

To ensure our tests do not damage the system, they must be performed on local machines.

4 Roles and Responsibilities

4.1 Roles and Assigned Responsibilities

Role	Responsibility
Backend	Tests for items in the fall2017-team4-apiserver github repository
Frontend	Tests for items in the fall2017-team4-mobile github repository