# **ShopKeep Test Plan - iPad Button Layout**

## Introduction

This test plan is for the iPad Button Layout page and will follow these objectives:

1. To define the the tools to be used throughout the testing process.
2. To communicate to the responsible parties the items to be tested, set expectations around schedule, and define environmental needs.
3. To define how the tests will be conducted.

## Test Items

Items to be tested are the iPad Button Layout screen in the ShopKeep app

This will be tested on a MacBook Pro (Model A1398) configured with Eclipse and Selenium WebDriver.

The automated tests will be written in Java

## Features To Be Tested

Features to be tested include the following:

* As a user, verify the items in the list
* As a user, scroll through the items in the list
* As a user, search for an item using one letter
* As a user, search for an item using multiple letters
* As a user, search for an item using one word
* As a user, search for an item using two words (with space)
* As a user, search for an item using two words (no space)
* As a user, search for an item with an invalid letter
* As a user, search for an item with an invalid word
* As a user, search for an item with special characters
* As a user, search for an item using very long string
* As a user, search for an item using vald item from list with repeated letters
* As a user, create a new page
* As a user, verify items on the new page
* As a user, rename an already created page
* As a user, rename an existing page
* As a user, search for items on the new created pages
* As a user, verify left and right scrolling function as expected
* As a user, delete all pages
* As a user, drag a button to the screen and place it
* As a user, change color of a button on the screen
* As a user, change the label of a placed button
* As a user, reposition/move the placed buttons on the screen
* As a user, remove a placed button from the screen (with an unchanged label)
* As a user, remove a placed button from the screen (with a changed label)

## Features Not To Be Tested

Only iPadButton Layout will be tested. Other items will not be tested here

## Approach

The tester will execute the tests which are stored in JIRA. QA is responsible for creating the tests and properly documenting them in the expected tool.

Test runs will be created by QA Lead or QA Tester. All executions will be tracked in the expected tool and properly marked as such (Pass, Fail, N/A or other). Notes, screen shots, results and other items will be added t the test details when possible.

Any defects noted will be created in the expected tool and tracked accordingly.

Results should be reviewed and reported accordingly.

## Pass/Fail Criteria

It is expected that no fatal defects be found and an end user should be able to use this page successfully.

100% of test cases should pass. There should be nothing outstanding that will degrade end user experience.

## Suspension Criteria

Testing will cease if there are login issues or failures are noted in basic Create, Read, Update and Delete actions

## Test Deliverables

Test Results will be saved in the expected tool and QA Leads and other personnel should review results

## Testing Tasks

The following activities must be completed:

* Test plan prepared.
* Functional specifications written and delivered to the testing team
* Environment should be ready for testing (test data, test logins, test payment information, etc).
* Perform the tests manually
* Write automated tests
* Run automated tests
* Prepare test summary report.

## Environmental Needs

The page should be populated with a set of data and ready for use when testing

## Responsibilities

Testers should understand the expectations for completion date and level of quality expected

## Staffing And Training Needs

For this testing, only one tester is necessary

## Schedule

First round of testing to begin Thursday May 25, 2017 and should be expected to be completed soon thereafter.

## Risks And Contingencies

If testing is not completed within 3 days, schedules may be adversely affected

## Approvals

Product managers must agree on completion of testing and determine when ready to proceed, along with QA.