**Testing Document and Specification**

Test Reports

Deft Developers Team 1

CS 451, SP2016

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# Introduction

This document outlines the outcome of completed system tests. Incidents, Defects and Changes that need to be made will be presented here formally. Although the ideas expressed here are separate entities, they will be combined into this one document.

# Incidents

This section defines the incidents discovered while performing various tests on the system. This section will expand as more incidents are found. For each incident, the initial Incident ID (excluding Letter) determines the test case that it ties to. For example, Incident ID 5.4.6.4-B is an incident stemming from test case 5.4.6.4.

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| --- | --- |
| Incident ID | 2.4 |
| Description | Search function produces empty results if input is not a specified field |
| Originator | Kien Chiem-Tester |
| Discover Date | April 4 2016 |
| Severity | Low |
| Steps Required to Produce Incident | 1. Go to main menu “Cases” page  2. Enter a Search word that you know will be found inside the “Search” text box.  E.g. Name – Josh Harper  3. Press “Enter” or the “Search” button  4. After search results are displayed, delete initial search word from “Search” text box and enter new search word.  5. Press “Enter” |
| Responder | Steven Evans-Developer |
| Current Status | Closed |
| Cause | Incident was caused by not having all required fields to search within search function |
| Resolution | Fixed |
| Addressed Date | April 6, 2016 |
| Creation Phase | Implementation |
| Detection Phase | Testing |
| Correction Time | TBD |

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| --- | --- |
| Incident ID | 2.1 |
| Description | Creating a case and inputting all values into required fields |
| Originator | Kien Chiem-Tester |
| Discover Date | April 7, 2016 |
| Severity | High |
| Steps Required to Produce Incident | 1. Login as admin  2. Enter “admin” as the user id  3. Select “Crete Case” from the “Menu tab”  4. Insert required text field  5. Select the “Submit” button/link |
| Responder | Steven Evans |
| Current Status | Open |
| Cause | Incident was caused due to an error in the programming code |
| Resolution | Debug |
| Addressed Date | April 7, 2016 |
| Creation Phase | Implementation |
| Detection Phase | Testing |
| Correction Time | 5 minutes |

# Defects

At this time, defects that were found were labeled as incidents. Many of what we consider defects were self-made defects that were hard to find but easy to correct. Incidents were found that had the opportunity of turning into defects in the system had they not been able to be corrected.

# Summary

The testing procedure to date has been conducted using manual system testing and concurrent unit testing. Features tested include but are not limited to:

Ability for an individual to log in via username and password and succeed the authentication

Test Case: 2.0

Ability for a ACH/call center to login via username and password and create a case/view a case

Test Case: 2.1

Ability for an admin to login via username and password and create a case, assign, etc

Test Case: 2.2

Ability for ACH ops and call center to login via username and password to the back-end system and create/view case from the front-end site.

Test Case: 2.3

Ability to search (by keyword) through search bar to view desired cases.

Test Case: 2.4

Ability to add/remove users of the system (back-end) as needed

Test Case: 2.5

Ability to import NACHA file and read it.

Test Case: 2.6

Further system testing will be done as newly implemented features become available. These features include all the functionality of the Administration Page which entails adding and removing users, signaling on call/ off call status and email preferences. To date, one incident has been found and is currently undergoing corrective measures. This incident was determined merely cosmetic and will not occur if correct procedures of system usage are followed.