**Happy College**

**Student Management System**

Test Summary Report

February 6th, 2019

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# Executive Summary / Conclusions

## Identification

|  |  |
| --- | --- |
| **Product Name & Version/Build:** | ***Happy College Information System*** |
| **Test Procedure Id:** | ***Test Plan #1*** |
| **Test Procedure:** | ***This plan focused on key functional use cases in the Happy College information system*** |
| **Execution Completed Date:** | **Feb 6th, 2019** |

## Conclusions

After having the test plan executed by the development team managed by Jennifer Townsend, the overall conclusion is very positive. Even though two out of the 12 test cases failed, the vast majority of the functionality in our system is working as expected. The information from the test plan allowed our development team to fill in our incident report, which details the issues that were encountered and suggestions to fix these issues. Our development team still has some work to do to complete the system, but the results from the testing plan, incident report, and this summary will go a long way towards overall success for the system.

# 

# Summary of Test Results

## Table A: Test Execution Summary

|  |  |  |
| --- | --- | --- |
| **Test Case #** | **Description** | **Results** |
| **1** | Testing all user’s login | Pass |
| **2** | Faculty viewing student roster for selected section | Pass |
| **3** | Faculty modifying grade and course status of student | Pass |
| **4** | Student making payment towards tuition owed | Pass |
| **5** | Student registering for courses | Fail |
| **6** | Admin user can create a new student | Pass |
| **7** | Use successfully generated username and password to log in as new student | Pass |
| **8** | Admin able to create new course | Pass |
| **9** | Admin can create a new section under newly created course | Pass |
| **10** | Admin creates a new department | Pass |
| **11** | Admin updates student information | Pass |
| **12** | Admin accesses student report | Fail |

## Table B: Test Failure Notes

|  |  |
| --- | --- |
| **Test Case #** | **Comments** |
| **5** | This case failed due to information be added directly to the database without using the proper control measures, also an error using with simple logic error. Suggestions for this issue are outlined in the incident report. |
| **12** | This case failed due to more logic errors. Generating the report before the information was actually retrieved in the code, as well as improper links in the back button on the page. Suggestions for this issue are outlined in the incident report. |

## Evaluation

# Summary of Activities

## Resource Report

|  |  |
| --- | --- |
| Hours required for preparation, setup, and configuration issues | 1.5 |
| Hours required to execute manual testing | 0.75 |
| Hours required to execute automated testing | NA |
| Estimate of hours required to re-execute Test Procedure in full | 1.0 |
| Comments regarding updates and changes to Test Procedure | Having an entire team perform tests on the system was not the best practice. Having a procedure to creating new users and having their information used in further tests became less clear when multiple individuals performed the tests. Going forward having one individual performing the tests is a preferred practice. |
| Comments regarding potential test automation | Creating some automatic testing in the angular front app would be a good idea. There are pre-generated testing files in our project, it would be a good idea to do some research and figure out how to use those files properly. |
| Additional Comments | Overall successful round of testing for our system. |

# Signatures

**Testers:**

This test was executed by:

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Tester: Tester:

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Tester: Tester:

**Reviewers:**

This test was reviewed and approved by:

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Reviewer: Date:

Title:

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Reviewer: Date:

Title: