Test Plan

for

Asia Pacific College’s Clinic System

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**Table of Contents**

1. Introduction
   1. Purpose
   2. Scope
   3. References
   4. Document Terminology and Acronyms

1. Test Areas and Specifications
   1. Features to be tested

1. Test Cycle Transition
   1. Entry Criteria
   2. Exit Criteria
   3. Continuation Criteria
   4. Abnormal Termination

1. Milestone

1. Test Deliverables and Execution
   1. Key Participants
   2. Test Reports
   3. Test Release Management

1. Environmental Needs
   1. Hardware and Software
   2. Productivity and Support Tools
   3. Test Environment Configuration

1. Planning Risks and Contingencies

1. Approvals

# Introduction

The project will focus on improving the current system of APC clinic system by making the current workflow "paperless" to minimize the work load of the clinic staff before the end of April 14, 2017. The team motivation is to make sure that we experience the work being done in the industry. Additionally, by making the current system at its maximum effectiveness to the workflow of the APC clinic.

# a. Purpose

* This is a Test Plan for the APC Clinic
* Identify required resources of test processes
* This test plan aims to ensure all functional and design requirement (Performance and GUI) are well implemented and have met the demand of the client

**b. Scope**

• This is a Test Plan for the APC Clinic.

# c. References

* APC Clinic - Use Cases

# d. Document Terminology

|  |  |
| --- | --- |
| APC | Asia Pacific College |
| PM | Project Manager |
| QC | Quality Control |
| TP | Test Plan |
| UC | Use Case |
| TC | Test Case/s |
| GUI | Graphical User Interface |

**II. Test Areas and Specifications**

# a. Features to be tested

|  |  |  |  |
| --- | --- | --- | --- |
| **UC No.** | **UC Name** | **Test Type** | **Build No.** |
| **UC 01** | View Contact Information | Functional, GUI, Performance | 001, 002 |
| **UC 02** | Add Contact Information | Functional, GUI, Performance | 001, 002 |
| **UC 03** | Edit Contact Information | Functional, GUI, Performance | 001, 002 |
| **UC 04** | Edit Student Clearance | Functional, GUI, Performance | 001, 002 |
| **UC 05** | Add Emergency Case | Functional, GUI, Performance | 001, 002 |
| **UC 06** | Edit Emergency Case | Functional, GUI, Performance | 001, 002 |
| **UC 07** | View Emergency Case | Functional, GUI, Performance | 001, 002 |
| **UC 08** | Add Hospital Record | Functional, GUI, Performance | 001, 002 |
| **UC 09** | Edit Hospital Information | Functional, GUI, Performance | 001, 002 |
| **UC 10** | View Hospital Information | Functional, GUI, Performance | 001, 002 |
| **UC 11** | Add Log Info Record | Functional, GUI, Performance | 001, 002 |
| **UC 12** | Edit Log Info | Functional, GUI, Performance | 001, 002 |
| **UC 13** | Add New Medicine Record | Functional, GUI, Performance | 001, 002 |
| **UC 14** | Edit Medicine Record | Functional, GUI, Performance | 001, 002 |
| **UC 15** | View Medicine Record | Functional, GUI, Performance | 001, 002 |
| **UC 16** | Add Medicine Receiving Record | Functional, GUI, Performance | 001, 002 |
| **UC 17** | Edit Medicine Receiving Record | Functional, GUI, Performance | 001, 002 |
| **UC 18** | View Medicine Receiving Record | Functional, GUI, Performance | 001, 002 |
| **UC 19** | Add Required Appointment | Functional, GUI, Performance | 001, 002 |
| **UC 20** | Edit Required Appointment | Functional, GUI, Performance | 001,002 |
| **UC 21** | View Required Appointment | Functional, GUI, Performance | 001,002 |
| **UC 22** | Add Student Schedule | Functional, GUI, Performance | 001,002 |
| **UC 23** | View Student Schedule | Functional, GUI, Performance | 001,002 |
| **UC 24** | Edit Student Schedule | Functional, GUI, Performance | 001,002 |

**Test Cycle Transition**

# a. Entry Criteria

* Requirements are documented, reviewed, and approved (Iteration TP and TC)
* Build release is complete and ready and
* The build is ready for testing

# b. Exit Criteria

* TC execution completed

# c. Continuation Criteria

* PM requests to execute test

# d. Abnormal Termination

* PM requests to terminate test
* Incomplete deliverables that would waste time to execute test
* Wrong configured environment

**Milestone**

|  |  |  |
| --- | --- | --- |
| **Deliverables** | **Date Start** | **Date End** |
| **Develop Test Plan** | February 13, 2017 | March 11, 2017 |
| **Update and Review Test Plan** | February 14, 2017 | March 11, 2017 |
|  | **BUILD 001** |  |
| **Test Case** | February 13, 2017 | February 17, 2017 |
| **Execute TC – Build 001** | March 6, 2017 | March 10, 2017 |
| **Test Log/Reports** | February 9, 2017 | February 13, 2017 |
| **Review/Update Test Cases** | February 27, 2017 | March 9, 2017 |
|  | **BUILD 002** |  |
| **Execute TC – Build 002** | March 11, 2017 | March 13, 2017 |
| **Test Log/Reports** | N/A | N/A |

**Test Deliverables and Execution**

# a. Key Participants

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Note** |
| **Jonathan Abalon** | Test Leader |  |
| **Neil Cueto** | Tester |  |
| **Aaron Dagatan** | Tester |  |
| **Carl Joshua Lavarro** | Tester |  |
| **Gregorio, Felix III** | Project Manager  Technical Lead |  |
| **Siccion, Justine Mark** | Technical Support  Software Lead |  |
| **Caguioa, Armersson** | Requirements Analyst |  |
| **Romblon, Daveson** | Quality Assurance |  |

# b. Test Reports

Evaluate test results after test case execution in every build; test summary with graphs and status to be submitted to PM and QC team.

# c. Test Release Management

Test release is handled by the Lead Programmer and QC Lead, after every build a sanity test will be conducted to prevent further bugs to occur.

**VI. Environmental Needs**

# a. Hardware and Software

|  |  |  |
| --- | --- | --- |
| **Resource** | **Configuration** | **Installed OS, Software** |
| **Client Machine** | +CPU Core 2 Duo  + 2 GB RAM  + 350 MB free fixed disk  + Windows 2003, XP, VISTA, Windows 7, Windows 8,8.1, Windows 10. | Windows 10 64-bit  Google Chrome or Mozilla Firefox Browser |

# b. Productivity and Support Tools

|  |  |  |  |
| --- | --- | --- | --- |
| **Tool's Purpose** | **Tool Name** | **Vendor or in-house** | **Version** |
| **Application Framework** | Cobalt | JV Roig | Cobalt Mark IV |
| **Test Management** | Testlink | Open Source | 1.9.2 |
| **Documentation** | MS Word, MS Excel | Microsoft Office | 2016 |
| **Web Server Application** | XAAMP Control Panel | Apache Friends | 7.0.6 |

# VII. Approvals

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** |  | **Role** |  | **Signature** | **Date** |
| **Jonathan Abalon** |  | Test Leader |  |  |  |
| **Felix Gregorio** |  | APC Clinic  Project Manager |  |  |  |
| **Jose Eugene Quesada** |  | Software Quality  Professor |  |  |  |