Quality Plan

*CloverApp*

**1. Introduction**

This document, together with other referenced documents, defines the responsibilities and procedures to be adopted to ensure that the data and information produced as part of CloverApp – Mobile Point of Sale System are reliable, fit for purpose and consistent with documented objectives and deliverables. It serves as a reference for the developers the system and of the internal management that governs the decisions and instructions concerning project quality assurance.

**2. Project Contractual Information**

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| --- | --- |
| Project: | CloverApp – Mobile Point of Sale System |
| Programme Co-ordinator: |  |
| Principal Investigators(s): | CloverApp Quality Assurance Division  CloverApp Administrative Division |

**3. Scope of Work and Quality Objectives**

|  |  |
| --- | --- |
| Scope of work: | The coverage of the CloverApp – Mobile Point of Sale System is as follows:   * A database for tracking invoice receipts, products, and sales * Only the manager can add, view, update, delete items and categories, and view sales report * The clerk can only perform making a sale   Access on the system is only available for the employees of company. These employees should have an account that is entered by the acting manager of the company. |
| Quality Objectives: | The quality objectives of the CloverApp – Mobile Point of Sale System are as follows:   * To automate sales process and inventory * To develop a database to track sales invoice, products, and sales * To improve the client’s business process in terms of performance and reduction of paper usage. |
| QA Requirement: |  |

**4. Project Organisation**

|  |  |
| --- | --- |
| Project Manager(s): | Arteta, Rodger Louis  *Project Manager* |
| Quality Assurance: | Arteta, Rodger Louis  *Project Manager* |
|  |  |
| Other Team Members: | Lanuzo, Ryan  *Systems Analyst* |
| Technical Reviews: | Poseidon IT Solutions  *Project Sponsor*  Valbuena, Rhea-Luz  *Project Adviser*  Sanchez, Manuel Sebastian  *Class Professor* |

**5. Project Duration and Scheduling**

|  |  |
| --- | --- |
| Start Date: | June 05, 2016 |
| Completion Date: | September 06, 2017 |
| Scheduling of Activities: | *Gantt charts may be used to clarify complex scheduling; any milestones or hold points should be identified*. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Name | Duration | Start | Finish |
| 1 | Analysis | 7 Days | 6/14/17 8:00 AM | 6/22/17 5:00 PM |
| 2 | Vision and Scope Document | 7 Days | 6/14/17 8:00 AM | 6/22/17 5:00 PM |
| 3 | Planning | 34 Days | 6/23/17 8:00 AM | 8/9/17 5:00 PM |
| 4 | Project Plan | 7 Days | 6/23/17 8:00 AM | 7/3/17 5:00 PM |
| 5 | System Architecture Design | 7 Days | 7/3/17 8:00 AM | 7/11/17 5:00 PM |
| 6 | Sys Design | 21 Days | 7/12/17 8:00 AM | 8/9/17 5:00 PM |
| 7 | Development | 45 Days | 6/21/17 8:00 AM | 8/22/17 5:00 PM |
| 8 | Back end development | 25 Days | 7/19/17 8:00 AM | 8/22/17 5:00 PM |
| 9 | Frontend development | 25 Days | 6/21/17 8:00 AM | 7/25/17 5:00 PM |
| 10 | Testing | 7 Days | 8/22/17 8:00 AM | 8/30/17 5:00 PM |
| 11 | User Acceptance Testing | 7 Days | 8/22/17 8:00 AM | 8/30/17 5:00 PM |
| 12 | System Integration Testing | 7 Days | 8/22/17 8:00 AM | 8/30/17 5:00 PM |

**6. Deliverables**

Deliverables specified for the project include:

1. An acceptable Quality Plan
2. An acceptable Change Management Plan
3. An acceptable Software Requirement Specification
4. An acceptable Scope of Work
5. An acceptable Project Vision and Scope
6. Progress Reports
7. User Manual
8. Final Paper

**7. Review of Quality Plan**

This quality plan will be reviewed every consortium or consultancy meetings, whether the meeting is with the project sponsor or project adviser, to achieve consistency of the project with the documented objectives and deliverables. This document will also be reviewed together with some improvements of the system.

**8. Document and Record Control**

Project documents, records and data will be managed and stored in Projects Wiki (www.Projects2.apc.edu.ph/wiki) by Arteta, Rodger Louis and Lanuzo, Ryan and GitHub (www.Github.com), a web-based repository hosting service that propose all the distributed version control. It can accessible for consultation by all the members of the team.

The Project Vision and Scope, Scope of Work, Software Requirement Specification, Change Management Plan and Quality Plan will be issued to the project stakeholders.

*The Quality Plan and Data Management Plan will be issued to all members of the consortium.*

Project Progress Report will be issued to the following:

* Professor
* Project Adviser

**9. Documented Procedures**

*Give the references of any in-house and/or published methods or procedures used during the project. References need not include the issue/version number, providing that staff are informed separately of modifications to Procedures. Otherwise, provide a basic resume of methodology with an indication of how it will be archived for future reference. Any centrally administered documents that relate to quality assurance should also be referenced.*

**10. Additional Information**

Unless included in associated technical procedures, any other information that has direct relevance to the quality of the product or service being provided should be included in the Quality Plan. This could include:

1. additional procedures and controls for the review and verification of deliverables or other documents;
2. special requirements for the identification and traceability of products, including, where applicable, the traceability of staff performing specific duties;
3. special criteria for identifying the status of inspection and test implementation of procedures;
4. minimum qualifications, training or experience required of staff to undertake certain activities, or any specialist staff training;
5. process control requirements, including monitoring of activities, and user access control;
6. requirement for servicing of a product for which ongoing maintenance is required;
7. specialist statistical techniques required.

Prepared by: Date:

Lanuzo, Ryan

Checked by: Date:

Arteta, Rodger Louis

Approved by: Date:

Arteta, Rodger Louis