Quality Plan

*Resort Reservation System*

**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 Project 102 are reliable, fit for purpose and consistent with documented objectives and deliverables. It summarises the system of internal management that governs the decisions and instructions concerning project quality assurance.

**2. Project Contractual Information**

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| Project: | Resort Reservation System |
| Project Number: | 102 |
| Programme Co-ordinator: | Mr. Alfredo Calimbo |
| Principal Investigators(s): | Calimbo Family |

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

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| Scope of work: | The coverage of the Resort Reservation System is:   * Customers can view the website * Customers can reserve online * Customers can cancel reservations * Authorized employees can create, delete, and view reservations   The Resort Reservation System, as of the moment, does not include all of the services the resort can offer in its reservation system. The focus of the system was to reserve a room, for now. More options on reservation will be added in the future. |
| Quality Objectives: | The following are the quality objectives of the Resort Reservation System:   * To provide Mr. Calimbo with a website to showcase the soon-to-be-built resort in Samar. * For faster process of reservation * For the customers to have the opportunity to reserve at any time given * For the management to better monitor the reservations |

QA Requirement:

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| --- | --- | --- |
| **Table 2-1 - Quality Factors** |  |  |
| **Factor** | **Description** | **Rank** |
| **Product Factors** |  |  |
| **Accessibility** | There will be different levels of access. The owner and the admin can see, edit, update or delete any or all data in the system. While the user can only modify his/her own account. |  |
| **Correctness** | The correctness of the Resort Reservation System will be determined if the customer was able to log into the system and make a reservation, at the same time, view the reservation that was made. |  |
| **Efficiency** | The Resort Reservation System aims to lessen the workload of the employees. Reservations would be a lot easier to do, making it easier and a lot faster to create. No hassle for the employee and the customer commencing the creation of the reservation. |  |
| **Expandability** | Adding a functionality would be easy since the team is using a framework. The Yii2 framework is organized in file structure, mastering the framework would mean easier time to edit and add functionalities at any time given. |  |
| **Integrity** | Only assigned employees and the owner of the resort can view the list of reservations, they can also remove reservations. An email will be sent to the user notifying him/her about the removal of the reservation. |  |
| **Interoperability** | Resort Reservation System would be interacting with Gmail, yahoo, or any other mailing platform since the system would send emails to the user regarding their accounts and reservations. |  |
| **Maintainability** | As long as the Resort Reservation System is funded and running, it can be considered useful. |  |
| **Portability** | Resort Reservation System, in the future, would also be transferred to mobiles. Making it responsive to mobiles. |  |
| **Presentability** | The Resort Reservation System includes a website, and photos of the resort, information about the resort, will be presented and displayed on that website. Furthermore, the website itself will be designed according to the resort's theme, which is nature. |  |
| **Reliability** | As long as the website and the server is running, the system can create reservations. |  |
| **Reusability** | The Log in, and Registration modules can be used in other applications. |  |
| **Usability** | .  One of the Resort Reservation System's aim is to have an easy-to-use reservation process that takes minimal comprehension. |  |

**4. Project Organisation**

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| --- | --- |
| Project Manager(s): | Hannah Mae Escobal Reyes |
| Task Manager(s): | Mr. Alfredo Calimbo |
| Quality Assurance: | Hannah Mae Escobal Reyes |
|  |  |
| Other Team Members: | Kyle Vincent Valoria Lee  Maica Lucero Belchez |
| User Community: | Vacationers and Adventurers |
| Technical Reviews: | Mr. Jojo Castillo  Mr. Joegene Quezada |

**5. Project Duration and Scheduling**

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| --- | --- |
| Start Date: | June 13, 2016 |
| Completion Date: | December 14, 2016 |
| Scheduling of Activities: | *Gantt charts may be used to clarify complex scheduling; any milestones or holdpoints should be identified*. |

**6. Deliverables**

Deliverables specified for the project include:

1. Quality Plan
2. Project Progress Report
3. Project Vision and Scope Document
4. Software Requirements Specifications
5. Statement of Work
6. Change Management Plan

**7. Review of Quality Plan**

The Quality Plan will be reviewed every week while on consultation to keep the information fresh, reliable, and up-to-date.

**8. Document and Record Control**

Project documents produced, records, and information will be stored in GitHub ([www.github.com](http://www.github.com)), OneNote, and Projects Wiki (www.projects2.apc.edu.ph/wiki) by the project team. All documents created will be made available for consultation by all members of the project team. All documents relating to the project will be stored in a clearbook and will be book bound on finals. Soft copies of the documents will also be available and will be put on a compact disc. All files are stored in a computer and are backed up by the project team.

The Quality Plan, Change Management Plan, Vision and Scope Document, Software Requirement Specification, Statement of Work will be issued to all members of the project team.

Project Progress Reports will be issued to the following:

Mr. Manuel Sebastian Sanchez (Project Professor)

Mr. Jojo Castillo (Project Advisor)

Mr. Alfredo Calimbo (Project Sponsor)

**9. Documented Procedures**

All documents made in the process of creating the system is recorded in several websites, and also printed out and will be book bound by the end of the term. Websites includes GitHub.com, OneNote.com, and projects.apc.edu.ph/wiki. All information that can be seen in this system and its documents are gathered from different sources in the internet, and also from interviewing the client. Some information also came from the project advisers during consultations. All documents are being checked and reviewed every week by the professors and advisers.

Prepared by: Date: November 25, 2016

Hannah Mae E. Reyes

Checked by: Date: November 25, 2016

Mr. Jojo F. Castillo

Approved by: Date: November 25, 2016

Mr. Manuel Sebastian Sanchez