

# **QUALITY MANAGEMENT PLAN RAMKOLEK**

**ASIA PACIFIC COLLEGE**

**Asia Pacific College**

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## INTRODUCTION

The existence of a Quality Management Plan is to describe the project's life cycles ensuring a smooth transition on the creation of RAMKOLEK, it is noted that the system should be of the highest quality for Asia Pacific College.

### Quality Objectives:

- The quality standards should be on par with the system's requirements to be operational in terms of functionality.
- Identify the risk within the system to make sure that the data transitions smoothly to avoid potential data leak.
- Continuous update on the website to appeal to the stakeholders needs and concern on the integration of RAMKOLEK.

The Quality Management Plan is an integral part of any project management plan. The purpose of the Quality Management Plan is to describe how quality will be managed throughout the lifecycle of the project. It also includes the processes and procedures for ensuring quality planning, assurance, and control are all conducted. All stakeholders should be familiar with how quality will be planned, assured, and controlled.

## QUALITY MANAGEMENT APPROACH

The following table will provide the information about the roles and responsibilities of the task at hand:

Role	Description
<b>Project manager</b>	The project manager's responsibility is working in managing the team's progress, connects the stakeholder's and client's information on what is needed for the product, they ensure a final product must be delivered.
<b>Project sponsor</b>	Giving the necessary support that aligns the project's objective and goals to maintain a high-quality product.
<b>Project team</b>	These consist of people that operate in different roles that they play in the development of the system's life cycle.

The quality approach will be explained as:

- Quality planning: The team will be following the development of RAMKOLEK using the guidance of stakeholders as each of those people will give recommendations and necessary features to be implemented in the system.
- Continuous development: The system will continue to evolve from different phases of the cycles, ranging from stakeholder recommendations, to team collaborations to deliver the project on time.
- Communication: It is important to have continuous connections from project teams, stakeholders and clients as they provide information on the implementation of the system and how it should operate.
- Product quality: To make sure that the project is in full gear on releasing the product the team must make sure that the system follows the requirements necessary from the stakeholders and the client's needs.

This section describes the approach the organization will use for managing quality throughout the project's life cycle. Quality must always be planned into a project in order to prevent unnecessary rework, waste, cost, and time. Quality should also be considered from both a product and process perspective. The organization may already have a standardized approach to quality, however, whether it is standard or not, the approach must be defined and communicated to all project stakeholders.

## **QUALITY REQUIREMENTS / STANDARDS**

The purpose of RAMKOLEK is to be a replacement on the PBL submission process so both the editor and the team are aware of the changes; to meet the standards of the system it should be noted that not only it has to be a 100% in working conditions it has to be exclusively only in operation within the university of Asia Pacific College, as non-members of APC are not allowed to access the website in compliance to the data privacy laws.

This section should describe how the project team and/or quality group will identify and document the quality requirements and standards. Additionally, there should also be an explanation of how the project will demonstrate compliance with those identified quality standards. The quality standards and requirements should include both the product and processes.

## **QUALITY ASSURANCE**

To make sure to meet those standards the team must follow the project's cycle in phases in the form of packages, not only will it serve as a list of tasks intended to finish but also showing progression of schedule to implementation with the help of project manager's role as they have

the responsibility to give guidance on the task at hand especially the project manager has to keep track on the schedule to be on time on the deadline, and checking on project documentations.

This section should explain how you will define and document the process for auditing the quality requirements and results from quality control measurements in order to ensure that quality standards and operational definitions are used. This section should also document the actual quality assurance metrics used for this project.

## **QUALITY CONTROL**

To monitor the results of the features implemented it will be checked based on WBS since it has different layers of levels representing the highest priority of the features needed to be implemented at the system as of course it needs to be tested before releasing the product, meetings with advisors and other stakeholders are needed to gain information and feedback to ensure a functional system that appeals to the members of APC. Continuous monitoring is required to check not only in the system's function but also following the schedule so the project team may move on the next step to implement the necessary features.

This section describes how you will define and document the process for monitoring and recording the results of executing the quality activities to assess performance and recommend necessary changes. Quality control applies to the project's product as opposed to its processes. It should include what the acceptable standards and/or performance are for the product and how these measurements will be conducted.

## **QUALITY CONTROL MEASUREMENTS**

WBS based PMBOK will be used to guarantee a successful creation of the system based on different, as spreadsheets will be a huge help in terms of tracking progress in the form of a backlog.

The backlogs components will include:

- Team performance
- Code review
- Documentation review
- Team roles and responsibilities given task
- Comparison on documentation and code analysis

This section should contain a sample or useable table/log to be used in taking quality measurements and comparing them against standards/requirements. These forms may be found in many different styles or formats. The most important aspect of this log is to provide documentation of the findings. If actual measurements do not meet the standards or

requirements then some action must be taken. This may be done in regularly scheduled project status meetings or as necessary throughout the project lifecycle.

## **SPONSOR ACCEPTANCE**

Approved by the Project Sponsor:

\_\_\_\_\_ Date: \_\_\_\_\_  
Manuel Sebastian Sanchez  
Asia Pacific College- PBL coordinator

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