PROJECT MANAGEMENT PLAN

**Quality Management Plan**

To ensure consistently high quality throughout the project, a quality management plan, and an agile methodology is needed to complete the requirements. The quality standards for evaluating the Villamin Wood and Iron Works project will be established by this plan. In addition, it offers a structure for resolving quality issues, illustrating the jobs and obligations of team members, and enumerating the standards and techniques connected with quality.

These are the goals of the quality of the management plan:

1. Ensure that the project meets or surpasses the expectations of stakeholders.
2. Determine the quality standards that will be used to evaluate the project.
3. Set up a system for managing and consistently maintaining the project's quality throughout its duration.
4. Identify and resolve any potential quality issues.
5. Make sure to define the roles and responsibilities of team members to attain quality standards.

The system implemented by Villamin Wood and Iron Works will prioritize user-friendliness and accommodation for the two clients and the actual business. It will seamlessly integrate with the organization's current technology, ensuring adaptability. The Quality Management Plan will encompass both product and process quality standards. It will include a comprehensive strategy with specific procedures and reporting for the overall overview of quality performance.

**6.8.2. Quality Management Approach**

To guarantee that the project meets all following requirements and expectations of all stakeholders, the Quality Management Plan will provide a comprehensive framework for effectively managing and maintaining the project's quality. In order to determine and address any quality issues which may arise, the plan will lay down a detailed set of procedures.

The following are the roles and duties of the quality management plan:

**Project Manager –** accountable for ensuring that all deliverables are completed on time and that all stakeholders are pleased with the product.

**Project Team Leader -** Responsible for ensuring that the team adheres to the Scrum principles and cooperates with Product Owner and Development Team to enhance the final product.

**Project Development Team –** responsible for making contributions to accomplish the project objectives. ensuring that each deliverable is completed. Providing expertise and collaboration to define and satisfy business requirements to ensure the project's success.

**Project Sponsor –** is responsible for supporting the project and allocating financial resources.

These are the following steps that include:

1. **Define Quality Standards:** The project team will prioritize delivering value to the customer by establishing quality standards that are in line with the principles of Agile Methodology.
2. **Quality Planning:** To determine the project's requirements and prioritize the best features, the team will maintain regular collaboration and schedule a meeting with stakeholders. This procedure includes creating the Product Backlog and establishing quality objectives to guarantee that the project transition produces value and abides by quality standards.
3. **Quality Control:** Quality control incorporates the most common way of looking into and testing to distinguish any potential issues that emerge at different stages. This system is done throughout the run to ensure that the established requirements and project goals are fulfilled.
4. **Quality Assurance:** The team will employ efficient methods and procedures to ensure that the project adheres to established standards and guidelines. To actively prevent issues and defects from occurring, they will implement quality assurance measures.
5. **Continuous Improvement:** The team consistently monitors its performance throughout the project's development to identify areas for improvement and make necessary adjustments. In this process, feedback plays a crucial role in involving stakeholders and fostering team collaboration. The team can identify areas that need improvement and improve the project's overall quality by actively seeking feedback.
6. **Communication:** Effective communication between the development team and stakeholders holds significant importance in this process. It serves multiple purposes, including updating stakeholders on the current quality status of the product, demonstrating alignment between the system's processes and the product's goals, and providing stakeholders with an opportunity to provide valuable feedback.

6.11.2 Transition Approach

**Overall Approach: (NEED HELP)**

The Transition Out plan for the Villamin Wood ain Iron Works will adopt a phased approach to guarantee continuity and minimize disruptions to ongoing operations. This precise and systematic approach enables the transfer of knowledge, resources, and responsibility to the business company, thereby reducing all possible technical interruptions.

The transition approach will include the following steps:

1. **Communication Plan** – the stakeholders will be able to familiarize themselves with the transition plan as a result, resulting in a better comprehension of project timelines and transition expectations.
2. **Staffing** - As the transition takes place, the project team will minimize their staff to the necessary level needed for supporting knowledge transfer and transition activities.

**Assumptions**

The following assumptions will be made for the transition approach:

1. If any difficulties arise during the deployment process, the team will maintain communication with the company.
2. To make it easier for the client to learn, the project team will provide them with all the necessary documentation, training, and instruction manuals.
3. Once the transition is finalized, the team will engage in a discussion with the client and continue to assist the owner, aiming to gain a deeper comprehension of any concerns related to the system.

**Roles and Responsibilities**

1. The responsibility of the project manager leads this project to its completion. The project manager guarantees to meet all the requirements, setting a plan for the deadline of deliverables, and speaking with the client is effective to ensure progress.
2. Developers – This is generally responsible for the project's design and development into action. Also, the developer is most likely to collaborate with the new owner for general comprehension of the process before the transition of technical knowledge.
3. Project Sponsor - the project sponsor has the authority for the overall development process of the system including, approval before changes, budget, project scope, and schedule.
4. Project Team - responsible for all deliverables such as documentation, planning, and implementing project schedules.
5. Stakeholders - responsible for Allocating the required resources to guarantee the success of the project. Assuming responsibility for the relevant tasks and objectives. Staying updated on the project's advancements and sharing relevant information with the necessary individuals. Taking proactive steps to identify and fulfillkl training and development needs.