

## South Signal village Web application

## Team developmentality

# QUALITY MANAGEMENT PLAN

### Version 1.0

### 02/09/2023

# Document Control

## Document Information

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| *1.0* | *05/04/2022* | [Proposed System, 11 and add functionality] |
| *1.1* | *05/18/2022* | [Activity Diagram, 44 and system not necessary]  [Object Diagram, 45 and give specific examples]  [Entity-Relationship Diagrams, 43 and remove sub entity] |
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| 3.0 | 1/16/2023 | [Scope and Limitation, 4 and be specific] [Objective, 2 and reason of website to be created]  [Objective, 2 and make business process more efficient, transparently, and timely] |

## Document Approvals

|  |  |  |  |
| --- | --- | --- | --- |
| **Role** | **Name©** | **Signature** | **Date** |
| Project Sponsor | Michelle Odevilas |  |  |
| Project Review Group | Developmentality |  |  |
| Project Manager© | Wilkins Caducio | No description available. |  |
| Quality Control Manager | Jakerson Bermudo | No description available. |  |
| Design Engineer | Princess Ferrer | No description available. |  |
| Testing Engineer | Dale Dellera | Text, letter  Description automatically generated |  |
| Material Engineer | Rark Alcantara | No description available. |  |
| Production Engineer | Mohammad Mustary | Diagram  Description automatically generated |  |

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# QUALITY STANDARDS

Sets the web application's guidelines and specifications to ensure that the document/system will meet the predetermined expectation. The standards presented will guarantee the final project meets the specific intended requirements, providing the highest quality standard for the web application and its success.

# QUALITY OBJECTIVES

|  |  |
| --- | --- |
| **Metric or Specification** | **Measure** |
| *Vision and Scope Document* | *Outlines project’s goals, milestones, timelines, and schedule* |
| *Project Schedule* | *Delivery on time and schedule* |
| *Statement of Work* | *Detail description of the services: timeline, deliverables, and any other requirements* |
| *Gantt Chart* | *Deadlines and Allocation of Resources* |
| *Project Charter* | *Measures the success of the project whether the goal was achieved in the allocated timeline and budget* |
| *Test Cases* | *Verifies the web application meets the specified requirements which includes the parameters, outcomes, and actual outcomes* |
| *User’s Manual* | *Provide instruction and guidance on how to use the web application* |
| *Quality Plan* | *Outlines the processes, strategies, and procedure of the web application* |
| *User Review* | *Provides constructive criticism which can help improve the web application* |
| *Change Management Plan* | *Effectively manage changes to minimizes disruption, implementation and maximizes value of change* |
| *Software Requirement Specification* | *Outline of the entire requirements of the web application* |
| *Statement of Work* | *Defines the tasks, deliverables, milestones, and timelines* |

# QUALITY ROLES AND RESPONSIBILITIES

|  |  |
| --- | --- |
| **Roles** | **Responsibilities** |
| *Product Owner* | * *Define, assess, and prioritize the requirements of the project.* * *Ensure that the project meets the needs of the client.* * *Collaborate with the development team to ensure that the system is developed in accordance with the desired quality standards.* |
| *Scrum Master* | * *In-charge of development of the system including the coding.* * *Ensure that the sprint is followed by the team* * *Work with the team to identify and resolve any issues or roadblocks that may be affecting the quality of the project* |
| *Project Secretary* | * *Manage the project documentation and ensure that it is accurate, complete, and up to date.* * *Ensure that the project schedule is achieved on time.* * *Support the project team in various ways to ensure that the project runs smoothly and efficiently.* |
| *QA (Quality Assurance)* | * *ensure that the product meets the desired quality standards.* * *plan, design, and execute tests to identify defects and verify that the system’s functions are as expected.* * *provide feedback on defects and improve the system’s overall quality.* * *QA helps to ensure that the development process adheres to established quality standards and processes.* |
| *Scrum Member* | * *Collaborate with the Scrum Master to execute the sprint on time and deliver value to the project in each iteration.* * *collaborate to address any issues or roadblocks that may arise* |

# DELIVERABLEs AND PROCESSES SUBJECT TO QUALITY REVIEW

|  |  |
| --- | --- |
| **Deliverable or process that will be reviewed** | **Details of quality review** |
| *Project Context* | *Review of project background and context, including any relevant industry or market trends, customer needs, or other factors that may influence the project's success. Quality review may include evaluation of research sources, accuracy of data, and relevance of information to project goals and objectives.* |
| *Statement of the Problem* | *Review of problem statement, including clarity and specificity of problem definition, identification of root causes, and potential impact on project outcomes. Quality review may include evaluation of problem-solving methodologies, data analysis techniques, and logical reasoning.* |
| *Objectives* | *Review of project objectives, including relevance to problem statement, specificity, and measurability. Quality review may include evaluation of SMART (Specific, Measurable, Achievable, Relevant, Time-bound) criteria, alignment with project scope and limitations, and consistency with project timeline and budget.* |
| *Significance of the Project* | *Review of the potential impact of the project, including benefits to stakeholders, alignment with organizational goals, and contribution to broader social or economic objectives. Quality review may include evaluation of stakeholder engagement strategies, communication plans, and potential risks and challenges.* |
| *Scope and Limitations* | *Review of project scope and limitations, including the boundaries of the project, the assumptions and constraints that may affect project outcomes, and any potential risks or challenges. Quality review may include evaluation of project management techniques, risk assessment methodologies, and contingency planning strategies.* |
| *Review of Related Literature/Systems* | *Review of existing research and systems relevant to the project, including analysis of strengths, weaknesses, opportunities, and threats (SWOT) and identification of best practices and lessons learned. Quality review may include evaluation of research methodologies, data analysis techniques, and synthesis of information.* |
| *Current System* | *Review of the existing system or process that the project aims to improve or replace, including analysis of strengths, weaknesses, opportunities, and threats (SWOT) and identification of areas for improvement. Quality review may include evaluation of data collection methods, data analysis techniques, and stakeholder feedback.* |
| *Proposed System* | *Review of the proposed system or process, including analysis of feasibility, functionality, and usability. Quality review may include evaluation of system design, user interface, and compatibility with existing systems or processes.* |
| *Methodology* | *Review of the project methodology, including analysis of research methods, data collection and analysis techniques, and project management strategies. Quality review may include evaluation of project timeline, budget, and stakeholder engagement strategies.* |
| *Results and Discussion* | *Review of project results and findings, including analysis of data, identification of trends, and synthesis of information. Quality review may include evaluation of data analysis techniques, interpretation of results, and consistency with project objectives and scope.* |
| *Conclusion* | *Review of project conclusion, including summary of findings, key insights, and recommendations for future work. Quality review may include evaluation of logical reasoning, synthesis of information, and alignment with project objectives.* |
| *Appendices* | *Review of appendices, including additional documentation or resources that support the project. Quality review may include evaluation of relevance and usefulness of appendices to project goals and objectives.* |
| *Release 1* | *Review of initial release of project deliverables, including analysis of functionality, usability, and stakeholder feedback. Quality review may include evaluation of testing methodologies, quality assurance processes, and bug reporting and tracking systems.* |
| *Release 2* | *Review of second release of project deliverables, including analysis of functionality, usability, and stakeholder feedback. Quality review may include evaluation of testing methodologies, quality assurance processes, and bug reporting and tracking systems.* |
| *Release 3* | *Review of final release of project deliverables, including analysis of functionality, usability, and stakeholder feedback. Quality review may include evaluation of testing methodologies, quality assurance processes, and bug reporting and tracking systems.* |

# QUALITY CONTROL APPROACH

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| --- | --- | --- | --- |
| **Quality control process** | **Milestones** | **Owner** | **Documentation** |
| *MNSTDEV – Midterm Presentation* | *Present overview of project goals and progress to date, including analysis of research findings, proposed methodologies, and initial results. Solicit feedback from instructor or peers on project direction and areas for improvement.* | *Project team* | *Presentation slides, handouts, and any additional materials used to support the presentation.* |
| *MNSTDEV – Final Presentation* | *Present final project deliverables, including analysis of results, key insights, and recommendations for future work. Solicit feedback from instructor or peers on project outcomes and potential applications.* | *Project team* | *Present final project deliverables, including analysis of results, key insights, and recommendations for future work. Solicit feedback from instructor or peers on project outcomes and potential applications.* |
| *MSYADD – Midterm Presentation* | *Present overview of project goals and progress to date, including analysis of research findings, proposed methodologies, and initial results. Solicit feedback from instructor or peers on project direction and areas for improvement.* | *Project team* | *Presentation slides, handouts, and any additional materials used to support the presentation.* |
| *MSYADD – Final Presentation* | *Present final project deliverables, including analysis of results, key insights, and recommendations for future work. Solicit feedback from instructor or peers on project outcomes and potential applications.* | *Project team* | *Presentation slides, handouts, and any additional materials used to support the presentation.* |
| *MCSPROJ – Midterm Presentation* | *Present overview of project goals and progress to date, including analysis of research findings, proposed methodologies, and initial results. Solicit feedback from instructor or peers on project direction and areas for improvement.* | *Project team* | *Presentation slides, handouts, and any additional materials used to support the presentation.* |
| *MCSPROJ – Final Presentation* | *Present final project deliverables, including analysis of results, key insights, and recommendations for future work. Solicit feedback from instructor or peers on project outcomes and potential applications.* | *Project team* | *Presentation slides, handouts, and any additional materials used to support the presentation.* |
| *Test Cases* | *Develop and execute a set of test cases to validate project deliverables and ensure that they meet the specified requirements and quality standards.* | *Project team* | *Test case documentation, test results, and any additional materials used to support testing activities.* |

# Appendices