INCEPTION REPORT

FOR

THE DEVELOPMENT OF THE ZANZIBAR MALARIA INFORMATION SYSTEM(ZMIS)

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Abbreviation

API	Application Programming Interface
CMT	Case Management Treatment
CMD	Case Management Diagnosis
DHIS2	District Health Information Software 2
HMIS	Health Management Information Systems
ICT	Information and Communication Technology
IVM	Integrated Vector Management
MCN	Malaria Case Notification
MERL	Monitoring, Evaluation, Research, and Learning
MOH	Ministry of Health
MSR	Malaria Surveillance and Response
SBC	Social and Behavior Change
TOR	Terms of Reference
UAT	User Assessment Test
ZAMEP	Zanzibar Malaria Elimination Programme
ZMIS	Zanzibar Malaria Information System

1. Introduction

The Zanzibar Malaria Information System (ZMIS) project is an initiative under the Zanzibar Malaria Elimination Programme (ZAMEP), designed to develop a robust, integrated platform for managing malaria-related data. The ZMIS aims to streamline the collection, analysis, and reporting of malaria data through multiple modules, enhancing the effectiveness of malaria control efforts in Zanzibar. This system will support real-time data reporting, data visualization, and integration with existing health information systems. By providing a unified platform, **ZMIS** will improve decision-making processes and optimize strategies for malaria elimination.

A Zanzibar Malaria Information System is essential for the effective monitoring, control, and elimination of malaria in Zanzibar. ZAMEP currently faces significant challenges, including fragmented data collection practices and the absence of real-time reporting, which hinder prompt responses to emerging outbreaks. The ZMIS will address these issues by consolidating malaria-related data from diverse sources, enabling stakeholders to make informed decisions. It will also enhance resource allocation, ensuring that interventions are more targeted and effective. Furthermore, the system will support key operational areas such as capacity building, inventory management, and supply chain oversight, which are critical components in the fight against malaria.

1.2 Meeting Objectives

- To discuss the finalized **Inception Report** for the ZMIS project.
- To align stakeholders on the project's goals, scope, methodology, and timeline.
- To identify roles and responsibilities for each team and stakeholder group.
- To discuss and confirm the next steps and actions required to initiate the project.

2. Project Overview

2.1 Background and Rationale for Developing the ZMIS

The Zanzibar Malaria Elimination Programme (ZAMEP), under the Ministry of Health, is dedicated to the goal of eliminating malaria from the islands of Zanzibar. Despite significant progress through rigorous surveillance, targeted interventions, and community engagement efforts, ZAMEP's current information management system faces several challenges, particularly the lack of integration among various data sources. This fragmentation complicates data access, sharing, and decision-making, and impedes the ability to detect and respond quickly to emerging malaria trends.

A critical element of the malaria control infrastructure relies on manual processes, which increase the risk of errors and reduce operational efficiency. These shortcomings highlight the urgent need

for a more robust, cohesive, and efficient system. The Zanzibar Malaria Information System (ZMIS) is being developed as an integrated platform that will optimize all aspects of malaria-related data management, from collection and analysis to reporting and decision-making.

By consolidating data from various sources and introducing real-time reporting and advanced data visualization tools, the ZMIS will enable informed decision-making and more effective resource allocation, ultimately advancing Zanzibar's goal of malaria elimination.

2.2 Main Goals of the System

The ZMIS aims to achieve several key goals

- **Data Collection and Organization**: Provide a unified, streamlined platform for collecting and organizing malaria-related data, addressing the current fragmentation in the system.
- **Reporting and Surveillance**: Facilitate timely, real-time reporting and enable efficient surveillance through advanced data analysis and visualization tools.
- **Decision-Making Support**: Enhance decision-making by providing stakeholders with accurate, up-to-date data that informs strategic planning and resource allocation for malaria control efforts.
- **Improvement in Operational Management**: Automate and optimize key processes such as routine activity tracking, capacity building, inventory management, and data integration across various health systems

2.3 Objective of the Project

2.3.1 General Objectives

The key objectives of this consultancy are to

i. **Develop a user-friendly ZMIS** to effectively collect, organize, manage, and analyze malaria-related data.

ii. **Create a robust CMIS** tailored to the specific requirements of the malaria elimination initiative, supporting both strategic objectives and operational functionalities.

iii. **Establish essential modules**, including:

   a. Routine Activity Tracker

   b. Capacity Building and Learning Management

   c. Inventory and Supply Chain Management

   d. Metadata and Repository Functions

   e. Integration and Interoperability

iv. **Implement real-time reporting and data visualization** mechanisms to facilitate timely, informed decision-making for malaria control and elimination efforts.

v. **Ensure scalability and compliance** with international health data management standards while maintaining data integrity, privacy, and interoperability across health information systems.

2.3.2 Specific Objectives

The consultant will be responsible for

i. **Conducting a business process analysis** to define system requirements, incorporating end-user input and focusing on data validation, indicators, dashboards, and reporting needs.

ii. **Designing the ZMIS architecture and functionalities**, ensuring compatibility with existing systems and data sources.

iii. **Developing the ZMIS based on the existing Mass-ITN system**, evaluating the system to build on it rather than creating a new solution from scratch.

iv. **Collaborating with ZAMEP and ZMOH ICT** to determine the most sustainable solution for the ZMIS, addressing both initial and ongoing requirements.

v. **Developing comprehensive documentation**, including system requirements, technical specifications, and user manuals in alignment with eGOZ guidelines.

vi. **Creating an implementation plan**, covering timelines, User Acceptance Testing (UAT), data management, capacity building for ZAMEP and ZMOH ICT staff, and standard operating procedures.

vii. **Providing training for end-users** on system operations, maintenance, and troubleshooting to ensure effective system utilization.

viii. **Supporting the deployment and initial rollout** of the ZMIS, including data migration and system configuration, in compliance with data protection regulations and organizational policies.

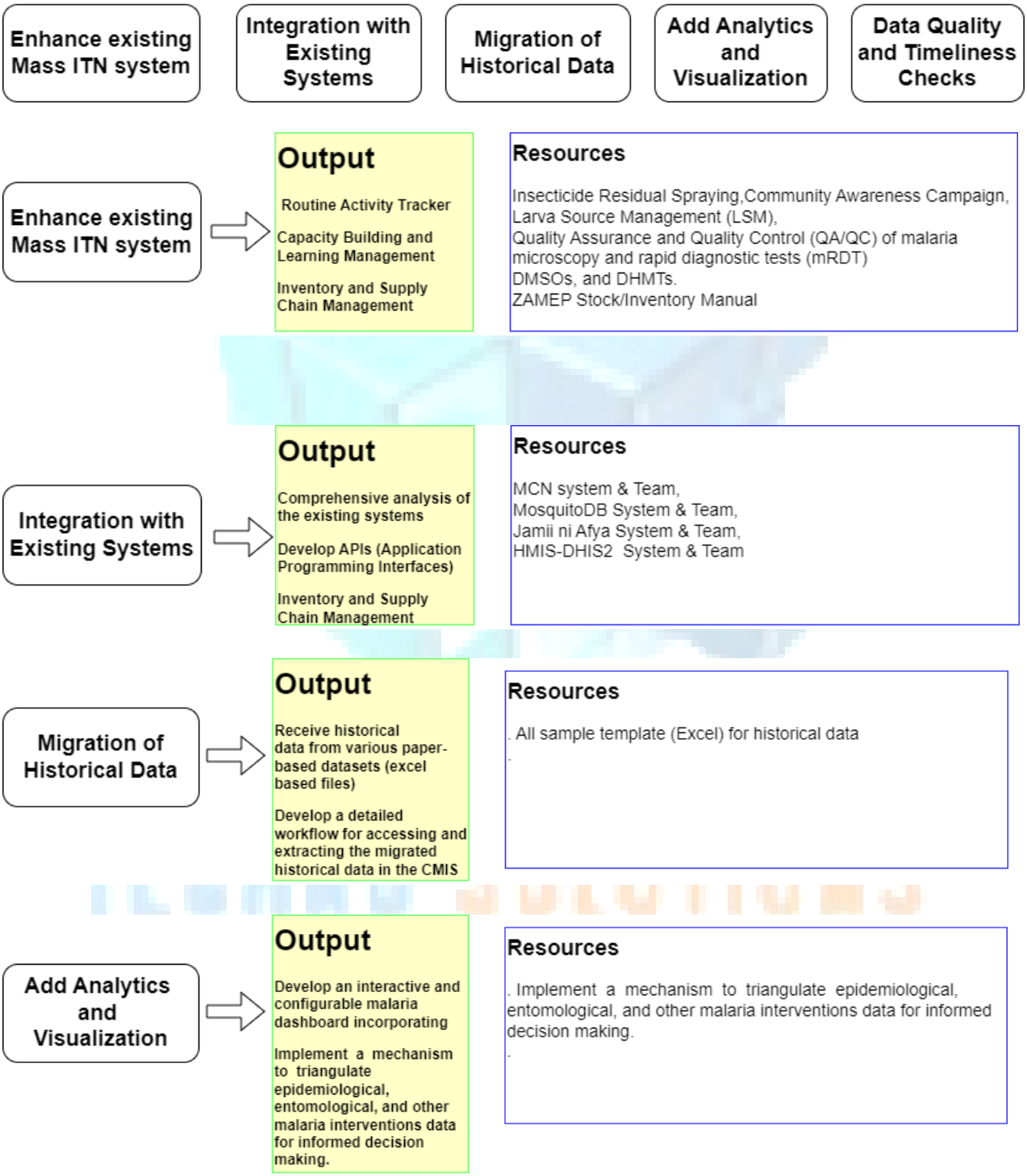
2.4 Key Stakeholders Involved

The development and implementation of the ZMIS will involve the following key stakeholders

- **Zanzibar Malaria Elimination Programme (ZAMEP)**: The primary stakeholder responsible for malaria elimination efforts in Zanzibar, providing the overall guidance and oversight for the ZMIS development.
- **Ministry of Health, Zanzibar (ZMOH)**: The governmental entity overseeing public health in Zanzibar, collaborating in system design, implementation, and data management processes.
- **Partners**: Including international organizations such as the Global Fund to Fight AIDS, Tuberculosis, and Malaria, SWISS-TPH, USAID-PMI, MEZA Project etc.
- **Egovernment Agency**: Offering guidance in accordance with Zanzibar Government policies to ensure the system aligns with national digital strategies and standards.

2.5 Project Outcome

Project Outcome



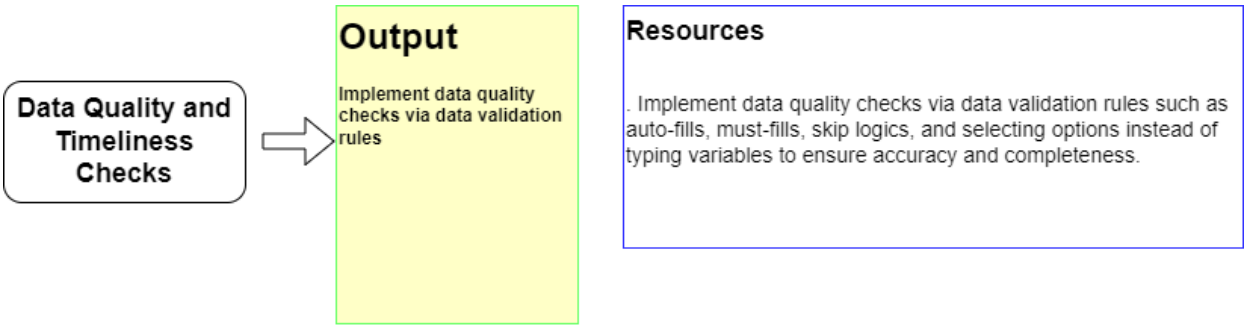


Figure 1. Project Outcome and Objectives

3.0 Project Scope

The system comprises multiple functional modules each designed to tackle specific aspects of malaria control: IRS, LSM, Community Awareness, Quality Assurance, Activity Monitoring, and Learning Management.

Here's a list form of the scopes for the development of the Zanzibar Malaria Information System (ZMIS):

1. Implementation of core modules essential for managing malaria-related data currently handled manually.
2. Effective integration with existing modules from other malaria information systems during the initial phase.
3. Proceeding through a phased approach to address the system's diverse requirements

4.0 Project Methodology

- **Approach for ZMIS system development** is Agile, we will adopt an Agile development framework to emphasizes iterative progress through short sprints and regular reassessment of project goals, ensuring flexibility and responsiveness to change
- **Data collection methods**: The data collection for ZMIS will be multifaceted to ensure a comprehensive dataset:

- **Questionnaire Implementation:** Design and distribution of digital and physical questionnaires tailored to different target groups such as healthcare providers and community members. Planning includes periodic review and redesign of questionnaire tools to improve data quality and relevance.
- **Surveillance Mechanism:** Deployment of a digital surveillance system to capture real-time data on malaria cases and treatment outcomes. Planning involves selecting appropriate technologies and training field workers on the use of these technologies.
- **Health Facility Integration:** Integration of ZMIS with existing health facility data systems to ensure seamless data flow. This includes planning for regular synchronization and data integrity checks.

- **Stakeholder engagement.** The following are details describe on how and when key stakeholders will be consulted. Effective stakeholder engagement is crucial for the success of ZMIS:
    - **Initial Engagement:** Conducting initial workshops and meetings to gather input on system requirements and set expectations. This includes planning for stakeholder mapping and needs assessment.
    - **Ongoing Consultation:** Setting up a regular schedule for stakeholder meetings to provide updates on the project's progress and gather ongoing feedback. Planning also involves developing mechanisms for stakeholders to submit feedback outside of scheduled meetings.
    - **Training and Handover:** Planning comprehensive training sessions for end-users that will coincide with the phased rollouts of system modules, ensuring smooth adoption and operational competence.
- **Technical infrastructure** (hardware, software, cloud, etc.): The technical backbone of ZMIS will be built on robust and scalable solutions:
    - **Hardware Setup:** Planning includes assessments of current infrastructure capabilities and future needs. During the development phase, my server will serve as the testing environment, allowing us to thoroughly validate the system's functionalities and performance under controlled conditions.

Concurrently, we request that ZAMEP prepares the production (live) server, ensuring it is ready and fully operational before we initiate the testing phase. This preparation will facilitate a seamless transition from the development environment to the live environment, enabling immediate operational deployment upon project completion.

- **Software Solutions:** The section is explaining our plan for choosing appropriate software technologies that support modularity and scalability. This includes incorporating the **existing MASS ITN system** source codes, which are critical for ensuring continuity and integration of proven functionalities into the new ZMIS. Furthermore, we plan to utilize microservice architecture to develop the system. This approach will allow us to use multiple platforms and technologies seamlessly integrated, enhancing the system's flexibility and enabling it to support various operational needs without dependency on a single technology stack.

5.0 Role and Responsibilities

This assignment will be executed as a group in the company to speed up the processes. However, there is special members have respectability to communicate with the client and other stakeholders to invest a good engagement of the project successfully. **Table 1** lists the main consultant's members with their responsibly as follows:

Table 1: Project Organization Management

SN	Name	Position	Responsibility
1.	Mr. Ali Omar Ali	Project Team Leader	- To manage the overall project - Control the Project Schedule - Collection and Analyze software requirements - Maintain Stakeholders communications

			- Conduct Kick-off-Meeting and training - Define system architecture, modules, database design, interfaces, data requirements, and reporting requirements.
1.	Mr. Abdulrazak Abrahman	Technical Manager	- Schedule the project development process. - Maintain the product and process quality - Deploy modern technologies - Head of Programming, Testing, and deployment
2.	Mr. Ali Omar Ali	System Analyst	- Assess and analyze current processes, systems, operations, information exchange requirements, IT infrastructure, and environment. - Identify gaps in the existing system.
3.	Mr. Abdulrazak Maulid Haji		
4.	Is-haka Khatib Mbarouk	Developers	- Develop code - Develop the project management system. - Implement tools for project planning, scheduling, budgeting, fund requesting, and resource allocation.
5.	Ashraf Hamad Ayoub		
6.	Seif Massoud Juma		
7.	Ismail Abdulrahman Omari	Network and Security Expert	- Prepare the test and deployment environment (servers, networks, and github) - Create a security policy and features for the proposed system - Conduct User Acceptance Testing

			(UAT) with user departments. - Ensure the system meets user requirements

6.0 Project Timeline

Here's the project expected timeline table including the outcome deliverables for each phase of the Zanzibar Malaria Information System (ZMIS) development plan:

Table 2: Project Activities Summary

Phase	Activities	Milestones	Responsible Officer	Stakeholders	Outcome Deliverables
1. Project Initiation	- Conducting inception meeting - Formulate project inception	- Project charter approval - Project team finalized	Project Manager (TECHNO SOLUTIONS)	Government health officials, IT team, donors, NGOs	- Approved project charter - Assembled project team **- Inception Report**
2. Requirements Gathering	- Stakeholder meetings for initial requirements gathering	-System Requirement Specification (SRS)	Project Manager (TECHNO SOLUTIONS)	Government health officials, IT team, donors, NGOs	- Initial requirements document **(SRS Reports)**
3. System Design	- Conduct detailed business process analysis - Design CMIS architecture - Create	- Design document approval - Prototype demonstration	Lead System Architect	IT team, ZAMEP, ZMOH ICT staff	- **System design document (SDD)** - **Approved prototypes (Alpha version**

	system prototypes and mock-ups				**Web application)**
4. System Development	- Develop system modules - API development for system integration	- Module development completion - Integration success	Lead Developer	IT team, external system vendors	- Developed system modules - Successful system integration
5. Testing and Quality Assurance	- User Acceptance Testing (UAT) - System security checks - Performance optimization	- UAT completion - Quality assurance report	QA Manager	IT team, end-users, ZAMEP staff	- UAT report - System ready for deployment
6. Training and Deployment	- Train staff and stakeholders on system usage - Deploy system across locations - Conduct initial data migration	- Staff training completion - System go-live	Training Coordinator	ZAMEP staff, ZMOH ICT staff, health facility staff	- Trained staff and stakeholders - Deployed and operational system
7. Monitoring and Evaluation	- Monitor system performance and user feedback - Evaluate system impact on	- Initial performance report - Evaluation report detailing system impact	M&E Specialist	Government officials, donor agencies, NGOs	- Performanc e monitoring report - Impact

	malaria elimination				evaluation report
8. Maintenance and Upgrades	- Regular system maintenance - Incremental enhancements based on user feedback	- Scheduled maintenance completions - Implementation of system enhancements	IT Support Manager	IT team, end-users	- System maintenance logs - Updated system features

The Table 2 provides a comprehensive view of the ZMIS development, detailing each phase's activities, milestones, responsible officers, involved stakeholders, and specific outcome deliverables to track the project's progress and success effectively.

Table 3: Project Timeline Summary

Milestone	Activities	Number of working days	Expected Start date	Expected End Date	Deliverable
Project Initiation	**A1.1:** Conducting inception meeting	**1**	25/02/2025	25/02/2025	**Inception Report**
	A1.2: Formulate project inception	**5**	26/02/2025	02/03/2025	
Requirements Gathering	**A2.1:** Stakeholder meetings for initial requirements gathering	**13**	03/03/2025	15/03/2025	**Software Requirements Specification (SRS) Document**
	A2.2: Analysis Requirements & Report Writing	**8**	16/03/2025	23/03/2025	

	A2.3: *ZAMEP* receive a first draft of SRS	**10**	24/03/2025	02/04/2025	
	A2.4: SRS Validation Meeting	**2**	03/04/2025	04/04/2025	
	A2.5: Amend report if any changes arised from SRS Validation Meeting	**2**	05/04/2025	06/04/2025	
	A2.6: ZAMEP Management to approve the SRS	**5**	07/04/2025	11/04/2025	
System Design	**A3.1:** Conduct detailed business process analysis include engagement of the existed system in the ZAMEP	**5**	07/04/2025	11/04/2025	**Alpha version (Web, Mobile application (s)) & Dashboard**
	A3.2: Design ZMIS architecture collaborate with ZAMEP IT Team	**5**	12/04/2025	16/04/2025	
	A3.3: Create system prototypes and mock-ups collaborate with ZAMEP IT Team	**10**	17/04/2025	26/05/2025	
	A3.4: Approve the Proposed System Design Meeting	**2**	27/04/2025	28/04/2025	
	A3.5: Amend design if any changes arised from SRS Validation Meeting	**2**	29/04/2025	30/04/2025	

System Development	**A4.1:** Develop system modules	**30**	01/05/2025	30/05/2025	**Beta version application**
	A4.2: API development for system integration	**10**	01/06/2025	10/06/2025	
Testing the proposed ZMIS which will involve between consultant & Team from ZAMEP	**A5.1:** User Acceptance Testing (UAT)	**5**	11/06/2025	15/06/2025	**User acceptance testing report, inclusive of test plan (e.g., test case scenarios)**
	A5.2: System security checks	**4**	16/06/2025	19/06/2025	
	A5.3: Performance optimization	**4**	20/06/2025	23/06/2025	
	A5.4: Debug all issues will be found	**7**	24/06/2025	30/06/2025	
Training and Deployment	**A6.1:** Technical Train for IT staff from ZAMEP	**5**	01/07/2025	05/07/2025	**Final comprehensive report** • **User Assessment Test (UAT)** • **End User Manual (Web, mobile application, System Admin Manual (inclusive of technical documentation) Dashboard showing historical data**
	A6.2: Deploy system in the live server	**3**	06/07/2025	08/07/2025	
	A6.3: Train for all staffs from ZAMEP by modules form	**10**	06/07/2025	15/07/2025	
	A6.4: Conduct initial data migration	**10**	16/07/2025	25/07/2025	
Summary of the system development timeline:					
Total	**All Activities**	**153 days**	**24/02/2025**	**25/07/2025**	**ZMIS System**

Here's a structured table outlining the number of meetings required, the stakeholders involved in each, and the purpose of each meeting for the development of the Zanzibar Malaria Information System (ZMIS):

Table 4: Main Meeting for All Stakeholder

Meeting	Purpose	Number of days	Key Stakeholders	Proposed Date
Inception Report Meeting	To discuss and finalize the project overview, scope, and initial steps.	1	Project Manager, IT Team, Government Health Officials, Donors, NGOs	**24/02/2025**
Validation System Requirement Specification Meeting	To review and validate the system requirements to ensure they align with the strategic and operational needs.	2	Project Manager, Lead System Architect, IT Team, End-Users, ZAMEP Staff	**03/02/2025 – 04/02/2025**
Approve the Proposed System Design Meeting	To finalize and approve the system design and architecture.	2	Project Manager, Lead System Architect, IT Team, ZAMEP Management	**27/04/2025 - 28/04/2025**

Meeting Details:

1. **Inception Report Meeting:**
    - **Objective:** Kick off the project by reviewing the project charter, discussing the scope, and establishing initial roles and responsibilities.
    - **Duration:** Half-day
    - **Location:** ZAMEP Office
2. **Validation System Requirement Specification Meeting:**
    - **Objective:** Ensure that the system requirements comprehensively cover all functional and technical needs and obtain stakeholder feedback.
    - **Duration:** Two sessions of 2-3 hours each
    - **Location:** Initial session at ZAMEP Office, second session virtual or at ZAMEP if required
3. **Approve the Proposed System Design Meeting:**
    - **Objective:** Present the final system design to stakeholders for approval and make any necessary revisions based on feedback.

- **Duration:** Half-day
- **Location:** ZAMEP Office

7.0 Risk Management and Challenges

The section explains the art and science of identifying, analyzing, and responding to risk throughout the life of a project and in the best interests of the meeting project objective. The factors will compromise the project is known as negative risk and those will have potential beneficial known as positive risks. The following is our guideline framework of success criterion of the project:

Risk Category	Potential Risks	Mitigation Strategies	Monitoring and Evaluation Plans
Technical	Integration complexities with existing systems like MosquitoDB, DHIS2 and etc.	Develop a detailed integration plan that includes compatibility assessments and pilot testing with these systems. Initiate data sharing agreements early in the project.	Regular technical review meetings to assess integration progress and resolve issues promptly.
	Uncertainty about the usability of the MASS ITN system source code.	Ensure early engagement with the IT team of ZAMEP to verify the availability and functionality of the latest source code.	Set up a verification process at the start of the development phase to confirm the status and functionality of the code.
	Insufficient system scalability to handle heterogeneous requirements.	Design the system architecture using a microservices approach to allow different technologies to be used that best meet specific functional needs, enhancing scalability and flexibility.	Conduct scalability tests at various project milestones to ensure the system meets growing and varying data demands.

Logistical	Delays in preparing the live deployment server.	Establish a clear timeline with ZAMEP for server preparation and readiness. Include buffer periods in the project schedule to account for potential delays.	Track and report on the server readiness status during project status meetings to adjust timelines as necessary.
	Difficulty in coordinating stakeholders across different systems.	Implement a stakeholder management plan that includes clear communication channels and regular updates. Begin stakeholder engagement early, particularly for data sharing and integration consents.	Use a dashboard to track stakeholder engagement and feedback to ensure alignment and satisfaction.
Data Accuracy	Errors in data collection and entry due to integration of diverse systems.	Train users on data entry protocols. Implement automated data validation checks within the system, particularly focusing on data integration points.	Perform regular data quality audits and review error reports to refine data collection processes.
	Inconsistent data from different sources.	Standardize data formats and use middleware for data integration to ensure consistency across platforms. Establish clear guidelines for data handling and processing.	Set up a monitoring system to regularly check data consistency and integrity across sources.
Engagement & Legal	Potential legal and engagement issues in establishing data sharing agreements with external entities.	Start the data sharing agreement process early, involving legal and compliance teams to ensure all agreements align with national and international data protection regulations.	Regularly update stakeholders on the status of legal agreements and adjust project scope based on legal advice received.

Additional Notes:

- **Flexibility and Adaptability:** The project plan includes periodic reassessment phases allowing for adjustments based on ongoing monitoring and evaluation findings.

- **Stakeholder Training:** Comprehensive training sessions for all system users will be integral, focusing on proper system use and data handling to minimize risks related to user errors.
- **Continuous Improvement:** Feedback mechanisms will be built into the system to continuously collect user inputs, which will be crucial for system refinement post-deployment.

8.0 Meeting Remarks

This section explains about main discussion of the project plan presented and TOR of the project. The stakeholder's participants mentioned key discussion points and resolutions as shown in the next sub section of this section as summary of the meeting.

8.1 Key Discussion Points

- **Timeline Concerns:** Participants raised concerns about the ambitious nature of the project timeline. There was a consensus that the timeline might be too short to effectively achieve all outlined objectives, especially considering the complexity and scale of the intended system integration and the need for comprehensive stakeholder training.
- **System Integration:** Discussion focused heavily on the necessity for robust integration of the ZMIS with existing health information systems. Stakeholders emphasized that seamless integration is crucial for ensuring uninterrupted data flow and utility, which are essential for real-time analytics and timely decision-making in malaria control efforts.
- **Sustainability:** The importance of sustainability was a major point of discussion, with stakeholders agreeing on the need for the ZAMEP IT team's active involvement in the development process. This collaboration is viewed as critical to the system's long-term adaptability and sustainability, ensuring that the ZMIS remains relevant and functional as technological and epidemiological landscapes evolve.

8.2 Outcomes and Resolutions

- **Enhanced Collaboration:** It was resolved that the development of the ZMIS would be a collaborative effort involving both the consulting firm and ZAMEP's IT department. This partnership aims to ensure that the system is not only well-integrated but also adaptable to future needs and challenges.
- **Communication Plan:** A structured communication plan was established to facilitate effective coordination and address any issues promptly. Key contact persons were appointed within ZAMEP to streamline communication; these include Shija J. Shija (Program Manager) and Juma H. Khamis (ICT Focal Person), who will serve as primary points of contact.
- **Review of Timelines:** There was a commitment from all parties to revisit and potentially revise the project timelines after a more detailed assessment of the project scope and the resources available. This approach is intended to ensure that realistic and achievable timelines are set, accommodating the comprehensive needs of the project.
- **Sustainability Plan:** To ensure the sustainability of the Zanzibar Malaria Information System (ZMIS), the plan incorporates a holistic approach that now emphasizes the involvement of ZAMEP's core technical team, including IT and Monitoring, Evaluation, Research, and Learning (MERL) personnel. This involvement is critical across all facets of the system's implementation and maintenance:

    1. **Technical Sustainability:**
        - **Continuous Technical Training and Development:** Implement ongoing training programs specifically tailored for the ZAMEP IT and MERL teams to keep them updated on the latest technologies, system functionalities, and best practices. This will empower them to effectively maintain and upgrade the system as needed.
        - **Modular and Scalable Architecture:** The ZAMEP technical team will actively participate in designing the system using a modular approach. This will facilitate easy updates and integration of new functionalities, allowing the system to evolve as technological advancements occur and user needs change.

- **Regular System Updates and Maintenance:** Schedule regular maintenance and updates, with the ZAMEP IT team playing a pivotal role in these processes to ensure the system remains compatible with the latest software standards and security protocols.

2. **Operational Sustainability:**
    - **User Training and Engagement:** Conduct regular training sessions not just for general users but also specialized sessions for the IT and MERL teams to ensure they are proficient in using advanced features of ZMIS. Also, establish a feedback loop with these core teams to continually adapt the system to meet their analytical and operational needs.
    - **Dedicated Support Team:** The dedicated support team will include members from the IT and MERL teams, ensuring that the system's support structure is robust and capable of addressing specific technical or data-related inquiries.
3. **Evaluation and Improvement:**
    - **Continuous Monitoring and Evaluation:** The IT and MERL teams will be integral in implementing a robust monitoring and evaluation system to assess the effectiveness of ZMIS. Their technical and analytical skills will be crucial in identifying areas for improvement and ensuring that the system continues to meet the evolving needs of its users and stakeholders.

By integrating the ZAMEP IT and MERL teams into every aspect of ZMIS's development, maintenance, and evaluation, the sustainability plan ensures that the system is not only technically sound and operationally effective but also continually improves and adapts to meet the future challenges of malaria elimination in Zanzibar.

9.0 Conclusion

The inception meeting for the ZMIS project laid a solid foundation for advancing Zanzibar's malaria elimination efforts through enhanced data management and analytical capabilities. The discussions underscored the importance of careful planning, robust stakeholder engagement, and the development of a system architecture that can address the health challenges effectively. The

resolutions made, particularly concerning enhanced collaboration and the review of project timelines, reflect a collective commitment to ensuring the success of the ZMIS. Future meetings will focus on refining implementation strategies and ensuring that the system's development aligns with both the broad health objectives and the technical capabilities required to support them.

APPENDIX SECTION

APPENDIX 1: ZAMEP PROJECT CONTACT PERSON

SN	Full Name	Tittle	Email	Mobile
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APPENDIX 2: INCEPTION MEETING AGENDA

SN	Agenda Item	Responsible	Time
1	**Opening Remarks**	Chairperson	09:00 - 09:15
	Brief welcome and introduction of participants		
2	**Objectives of the CMIS, Scope, & Timeline**	Consultant	09:16 - 10:15
3	**Break**		10:15 - 10:30
4	**Discussion and Feedback**	All Members	10:31 - 11:00
	Open floor for questions, suggestions, and feedback from all participants to foster collaborative problem-solving		
5	**Closing Remarks and Next Steps**	Chairperson	11:01 - 11:30
	Summarize key decisions made, outline next steps, and schedule the next meeting date		