<SECURITY CLASSIFICATION>

MyGovEA
MALAYSIA GOVERNMENT ENTERPRISE ARCHITECTURE

Malaysia Government Enterprise Architecture (MyGovEA)
Architecture Vision

<Month, Year>

Project: *<Project Name>*

Agency: *<Agency Name>*

Reference Code: *S1-R006*

Document History

Document Information

This section provides a summary of information for this document.

Project Name:	\<Project Name\>			
Prepared By:		Document Version No:		0.1
Title:	Architecture Vision	Document Version Date:		
Reviewed By:		Review Date:		

Distribution List

This section provides a list of recipients of this document and individual key actions to be taken subsequently.

To	Action*	Phone/Fax/Email	Designation

Document Version History

This section provides a formal log of changes/revisions to any document that has been approved by the Agency Office of the Architect. The following guidelines should be employed when recording the document versions:

a) Draft documents are to be labelled as version 0;

b) First draft document to be shared with the project team is to be labelled as version 0.9;

c) Final version of the document approved by the Central Office of the Architect will be labelled as version 1.0; and

d) Any subsequent revised versions of the document that has been approved by the Central Office of the Architect will be labelled as version 1.x.

Version Number	Version Date	Revised By	Description	Filename

Abbreviation

This section contains the most common abbreviation used in this document.

Acronym/Abbreviation	Definition

Document Sign Off

This section lists the key representatives responsible for acknowledging and approving all information detailed in this document.

Name	Role/ Title	Date	Signature

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1. Project Overview

1.1 Agency Overview

This section provides a summary of the public sector agency, that is, what the agency does, its vision and objectives and a high-level overview of its operations. This provides readers with a basic understanding of the operations of the public sector agency.

1.2 Project Outline

This section provides an executive summary of the public sector agency's architecture initiative. It paints a high-level picture of the project for readers of this document to gain a basic understanding of the architecture work to be carried out.

1.3 Project Objectives

This section details the objectives of executing the architecture initiative.

1.4 Scope of Project

This section defines the areas of which the architecture project will encompass when it is executed.

2. *Purpose of the Document*

The Architecture Vision is essentially a high-level overview of the long-term architectural goal that an agency aspires to achieve in the future. The aim of the vision is to paint a picture of the end architecture product early on in the project so that it can act as a reference point and boundary for architects when customising the finer details to realise this vision/ target architecture. Additionally, the Architecture Vision also facilitates stakeholder communication by providing an executive summary of the end architecture solution.

This deliverable template is designed to guide the architects on the general format and content required within the deliverable produced while executing the 1GovEA Methodology. It is intended that the agency architects should tailor the template accordingly based on the nature of the architecture work being performed and / or the agency environment. Any italicised text within this deliverable template is intended to guide authors on the content that should be developed in the respective sections.

3. Problem Description

3.1 Stakeholder and their Concerns

This section describes key stakeholders of the Architecture Vision and any concerns they may have for it. It should clearly define any stakeholder concerns/ goals about the agency and about the architectural work to be implemented. Stakeholders are relevant parties who will be interested in and can influence the outcome of the engagement.

3.2 List of Issues and Scenarios to be addressed

This section defines the business context/ environment and problem descriptions that have led to the development of the Architecture Vision and essentially, the target architecture. It should clearly define the business vision that will be addressed by the target architecture, a pictorial representation of the business context and identify any change drivers and opportunities behind this vision for the target architecture.

This provides the architects with a clear understanding of the issues to be addressed when refining the target architecture model.

3.3 Organisation Architecture Vision Statement

This section defines the agency's Architecture Vision statement(s). It describes the long term goal that the agency aims to achieve in the future.

3.4 Organisation Architecture Vision Diagram

The purpose of this section is to provide one or more suitable pictorial representation(s) that explain the business context and business problem. They are required in order to obtain senior executive engagement with this activity. Each diagram should depict/ illustrate the corresponding problem statement for the target architecture and needs to be complemented by a description/ explanation of the diagram.
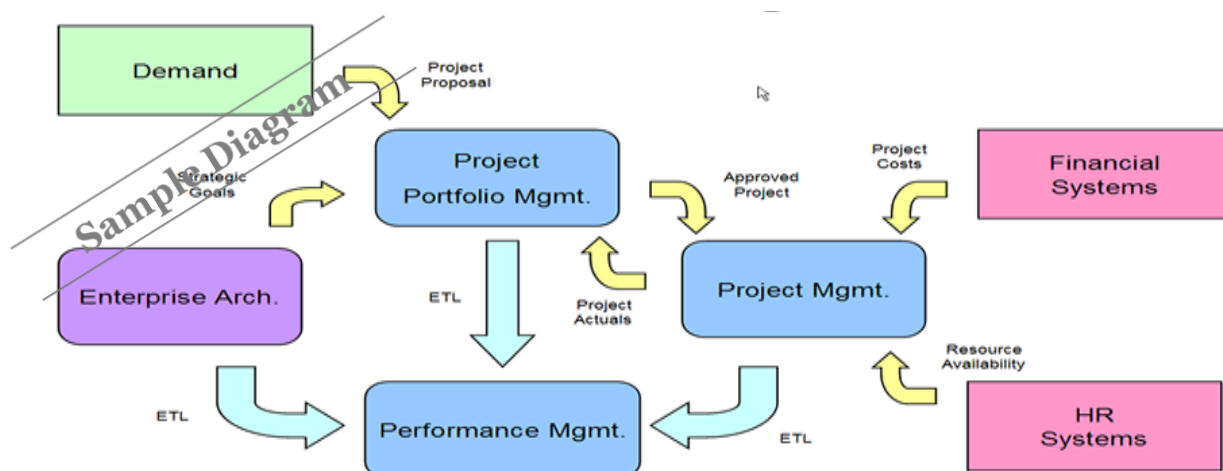
For example:

Figure 1: Example Project Context Diagram

The figure above shows a project context diagram. It describes on a high-level basis, the key systems, tools and activities that take place when managing a project. One of the operational issues faced by the organisation is that the HR systems are not constantly updated and thus, resource availability information extracted from the system may not be accurate.

3.5   Change Drivers and Opportunities

This section identifies any change drivers that will cause significant impact on decisions made for the target architecture and any opportunities that can be used to help realise the target architecture. It should also highlight the potential impact of the driver/ opportunity as well as if there are any dependencies it may have on each other.

Table 1: Change Drivers and Opportunities

Driver	Description	Dependency	Impact

4. Detailed Objectives

This section describes the detailed objectives that need to be fulfilled once the target architecture is implemented. Compared to Section 3 which looked at problems in the agency's operations, this section delves into a detailed list of objectives/ goals (operation and technology objectives) for the target architecture that will resolve these issues. The objectives are essentially detailed tasks required to realise the overall Architecture Vision Statement.

5. *Environment and Process Models*

This section provides a birds-eye view of the operating environment and key processes of an agency that is affected by the target architecture. It defines the key divisions that make up the agency and describes their role in supporting the overall operations.

5.1 *Environment Overview*

This section provides an overview of the operating environment of an agency that is within the scope of the target architecture. It defines the key divisions/ units in the agency that will be impacted by the architecture solution. This may include high-level diagram(s) of the structure.
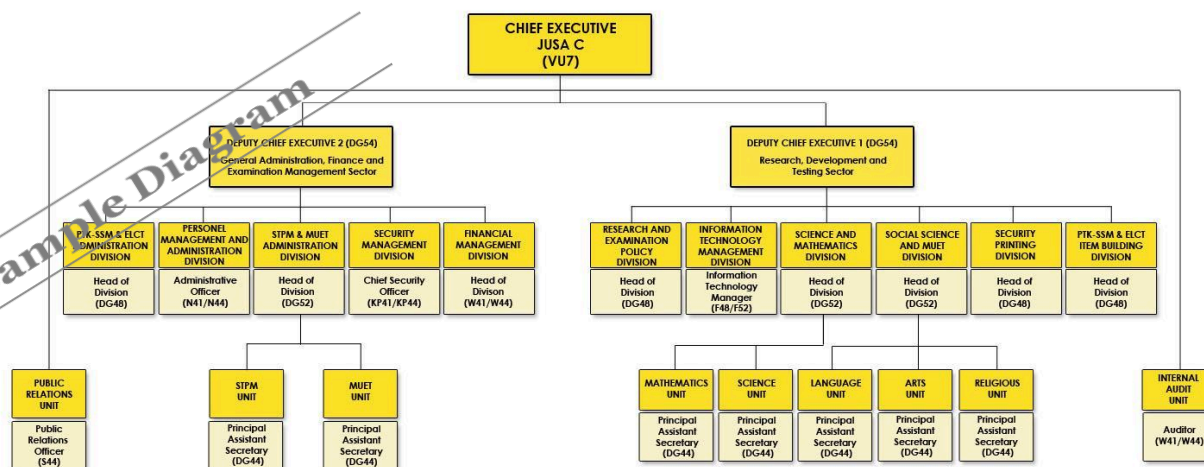
For example:

Figure 2: Malaysian Examinations Council Organization Chart

The figure above illustrates the organisational structure of the Malaysian Examinations Council.

5.2 *Process Overview*

This section provides an overview of the processes in an agency that are within the scope of the target architecture. It defines the key processes in the agency that will be impacted by the architecture solution and enables it to be mapped to the impacted environment, as defined in Section 5.1.

6. Actors and their Roles and Responsibilities

This section defines system actors and their respective roles that are within the scope of the target architecture and thus, impacted by the architecture solution. System actors are users who interact with a system and can be human or a system/ computer.

6.1 Actors and Roles

This section defines system actors (i.e. users) that are within the scope of the target architecture and thus, impacted by the architecture solution. It identifies the users who are within the impacted agency environment (i.e. key divisions) or processes and describes their respective roles within the context. These actors may be any staff, computer systems or the general public (e.g. public using a public-facing service provided by the agency.

6.2 External Factors and Roles

This section defines any other actor-oriented requirements that are within the scope of the target architecture and thus, impacted by the architecture solution. These requirements may directly or indirectly impact the success of the project. For example, any issues with vendors or changes to regulations may potentially impact the progress of architecture work.

7. Envisioned Architecture Model

7.1 Target Architecture Model

This section provides an overview of the target architecture model. It outlines the end architecture solution that addresses the problems and objectives of the agency, and essentially realises the Architecture Vision. This can act as a reference point for architects when refining the architecture design and also help stakeholders to envision the end architecture product and garner their support for the project.

This section should include a pictorial representation (e.g. diagram(s)) of the high-level target architecture alongside a description of it.

7.2 Requirements Mapped to Architecture

This section provides a cross-reference of the high-level requirements (i.e. operational and technology) to the target architecture. It maps existing requirements such as organisation goals and objectives as well as technology requirements onto the target architecture.

8. End Vision Statement

This section holds the final vision statement that has been agreed upon and approved by all key stakeholders. It acts as an overarching, long-term goal that will be used as a reference point for guidance for architectural work that will take place throughout the course of implementing EA in the agency.

The vision statement should be succinct sentence which is developed based on the following criteria:

a) Supports the current and future agency goals;

b) Aligns with the agency's strategic drivers;

c) Addresses any stakeholder concerns and objectives; and

d) Reflects the value of EA that will be realised when implemented in the agency.

An example vision statement is the 1GovEA Vision Statement as follows:

Figure SEQ Figure * ARABIC 3: Example Architecture Vision Statement

1GovEA Vision

1GovEA will establish unified enterprise architecture to accelerate public sector service delivery transformation

9. Next Steps

9.1 1GovEA Methodology Cycle

This document is an output to Stage 1 (*Initiate*) of the 1GovEA Methodology as illustrated in Figure 4 below. This document will be used as an input to Stage 2 (*Define)* and future stages of the 1GovEA Methodology.
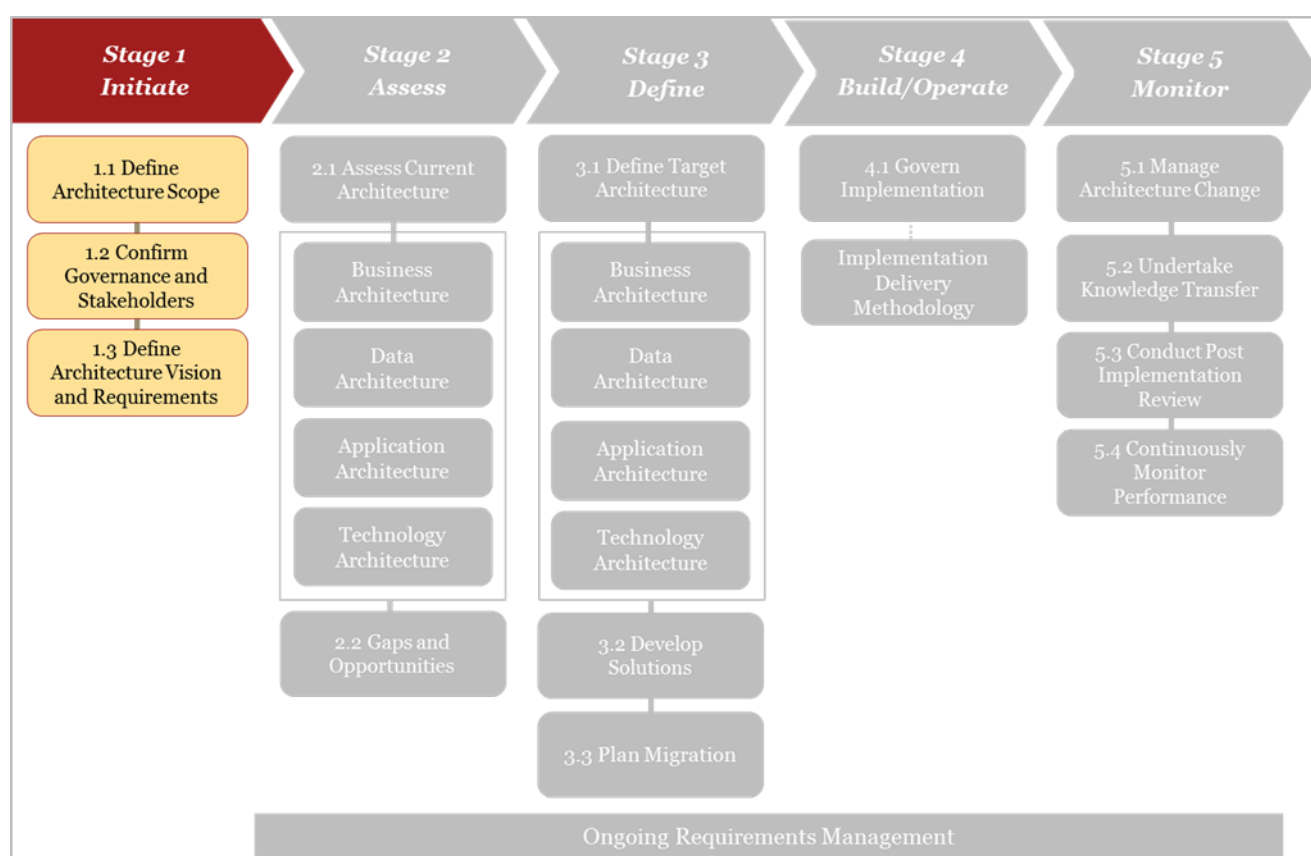

Figure 4: 1GovEA Methodology

9.2 Next Steps

Upon the completion of this document, the following steps are the subsequent activities that need to be taken in order to realise the architecture work that has been defined here:

- Review and revise the existing Architecture Vision to ensure that it is able to fit the artefacts and deliverables selected for this architecture work;
- Develop and obtain approval for the Statement of Work document; and

- Develop the Draft Requirements document.