DRAFT - ICT Project Guidance

An Introduction to the ICT Project Guidance Documents

Version:

0.1

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## Description

This document describes the subject matter of most of the ICT Project Guidance documents, and the use case when they may become of value to delivering projects with diminished risk.

## Synopsis

The guidance documents cover common project setup practices, context constraints, obligations, agreements to take into account, frameworks and principles to use to guide the discovery, definition, design, development, and delivery of deliverables required to support, operate, and maintain a service through its full service lifespan.

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## Introduction

BOSSCARD/ RAID: Background [], Objective, Options, Scope[In/Out], Stakeholders [Users], Constraints, Assumptions, Risks, Dependencies, Decisions, Deliverables.

# Guidance Documents

## Project Setup

* **ICT Project Guidance – Project Delivery - Information Organisation:**a document proposing an order to consider for organising information developed when delivering ICT projects.

## Discovery

* **ICT Project Guidance - New Zealand Government Organisation Obligations, Agreements, Commitments, Standards, Principles:**a document listing the obligations to which government services must meet, with the expectation that these obligations are reflected when developing Requirements

## Discovery

### Glossaries

* **ICT Project Guidance – Glossary – ICT Sector – Contractual**…
* **ICT Project Guidance – Glossary – ICT Sector – Change Transition**…
* **ICT Project Guidance – Glossary – ICT Sector – Delivery**…
* **ICT Project Guidance – Glossary – ICT Sector – Discovery, Analysis & Definition**…
* **ICT Project Guidance – Glossary – ICT Sector – Design**…
* **ICT Project Guidance – Glossary – ICT Sector – Development**…
* **ICT Project Guidance – Glossary – ICT Sector – Data storage**…
* **ICT Project Guidance – Glossary – ICT Sector – Infrastructure**…
* **ICT Project Guidance – Glossary – ICT Sector – Interoperability & Integration**…
* **ICT Project Guidance – Glossary – ICT Sector – Privacy**…
* **ICT Project Guidance – Glossary – ICT Sector – Roles**…
* **ICT Project Guidance – Glossary – ICT Sector – Standards**…
* **ICT Project Guidance – Glossary – ICT Sector – Assurance & Accreditation**…
* **ICT Project Guidance – Glossary – ICT Sector – Support, Operations & Maintenance**…
* **ICT Project Guidance – Glossary – ICT Sector – Uncategorised**…

### Domain specific information

#### People

* **ICT Project Guidance – Persons, Identities, Groups, Roles and Authorisation:**…

#### Information

* **ICT Project Guidance – Information System User Roles:**…
* **ICT Project Guidance – Information – Functional, Quantitative & Qualitative based evaluation:**…

#### Automation

* **ICT Project Guidance – Common System Capabilities:**…
* **ICT Project Guidance – Common System Capabilities (HL):**…

#### Discoverability

* **ICT Project Guidance – Service Domain Naming:**guidance on how to develop the domain names under which the various components of the business service is made available to service consumers.

## Definition

General ICT Guidance, irrespective of the business sector:

* **ICT Project Guidance – Definition Requirement Development:**guidance on how to develop requirements that are valuable to stakeholders and delivery specialists alike.
* **ICT Project Guidance – Definition – Quality Requirements:**a catalogue of quality requirements developed in a way that does not presuppose custom developed or purchased solutions.
* **ICT Project Guidance – Definition – Custom Development Quality Requirements:**a supplemental catalogue of quality requirements to be adhered to by custom developed solutions
* **ICT Project Guidance – Definition – Transitional Quality Requirements:**a catalogue of transitional requirements developed in a way that does not presuppose custom developed or purchased solutions.

General ICT Guidance specific to the Education Sector:

* ICT Project Guidance – Education Sector – Basic Context Information
* ICT Project Guidance – Education Sector – Service Technology Types

## Design

### System Design Guidance

* **ICT Project Guidance – Long Service Lifespan Design Considerations**guidance on how to develop systems to remain valuable to end users over a long service lifespan.
* **ICT Project Guidance – Supporting Systems to consider for Assisting Service Design:**a guide of common dependency services to consider leveraging in the design of systems.
* **ICT Project Guidance – Securing Services:**guidance on how to develop systems that are resistant to unauthorised tampering.
* **ICT Project Guidance – Integration Identity Providers:**guidance on how to develop integrations with 3rd party integration identity providers.
* **ICT Project Guidance – Information System Roles:**guidance on a suggested catalogue of logical roles to consider developing functionality for in Information Systems.

### Information Development Guidance

* **ICT Project Guidance -- Information Resource Metadata Copyright, state, Context and Roles:**…

Appendices

Appendix A - Document Information

### Images

[Figure 1: TODO Image 2](#_Toc144995112)

### Tables

[Table 1: TODO Table 3](#_Toc145048484)

[Table 2: TODO Table 2 3](#_Toc145048485)

### References

**There are no sources in the current document.**

### Review Distribution

The document was distributed for review as below:

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### Audience

The document is technical in nature, but parts are expected to be read and/or validated by a non-technical audience.

### Structure

Where possible, the document structure is guided by either ISO-\* standards or best practice.

### Diagrams

Diagrams are developed for a wide audience. Unless specifically for a technical audience, where the use of industry standard diagram types (ArchiMate, UML, C4), is appropriate, diagrams are developed as simple “box & line” monochrome diagrams.

### Terms

Refer to the project’s Glossary.

##### IT

: acronym for Information, using Technology to automate and facilitate its management.

##### ICT

: acronym for Information & Communication Technology, the domain of defining Information elements and using technology to automate their communication between entities. IT is a subset of ICT.