

Assignment A01: ICT Infrastructure Evaluation Report

Background

You should read the plan “Lincolnshire Partnership NHS Information Management & Technology Strategy 2015-2020”, available on the Assignment A01 page for ISYS90048 on LMS.

The Executive Summary of the Lincolnshire Partnership NHS Information Management & Technology Strategy sets the objectives for this plan:

Information Management and Technology (IM&T) plays a central role in supporting the achievement of strategic change in the way health and social care services are delivered. This document outlines the IM&T Strategy 2015-2020 for Lincolnshire Partnership NHS Foundation Trust. It provides a framework for the local and national review of progress so far and for the focus of development over the next five years.

It is essential that investment in Informatics is driven by operational plans in order that information and technology is fully and effectively developed; this strategy highlights the organisations IM&T work programme which will facilitate delivery against national and local targets and operational requirements in order to achieve the principle aim to provide access to the right information at the right time.

The strategy links IM&T developments into the Trust's strategic objectives and is underpinned by the operational need for information at the point of care delivery. The strategy will enable LPFT to be in a strong position by the end of 2020 to harness information and use this effectively to improve the delivery of care through the advent of digitalisation and the transformative impact of big data.

Section 6 of the Lincolnshire Partnership NHS Information Management & Technology Strategy deals with Information Management & Technology and Governance, but does not specifically state which ICT governance framework the Lincolnshire Partnership has adopted. There is a strong focus on quality of service delivery throughout this plan, so that it is reasonable to consider the adoption of the ITIL Service management governance framework in the evaluation of this plan. This section sets the main dimensions of ICT service delivery as:

- Management of service level agreements for information governance services
- Management of data quality
- Procurement of ICT services and ICT infrastructure
- Conformance with an ICT governance framework

Assume that you have been asked to evaluate the Lincolnshire Partnership NHS Information Management & Technology Strategy, and provide a series of recommendations on how it might be revised. Your recommendations should address the revision of the plan, and not make specific recommendations about the acquisition and ongoing management of ICT infrastructure of the Lincolnshire Partnership.

You should specifically address the four dimensions of ICT service delivery, listed above, in your evaluation of the Lincolnshire Partnership NHS Information Management & Technology Strategy. You need to keep to the scope of the Lincolnshire Partnership NHS Information Management & Technology Strategy, provide feedback on how it might be revised, and not propose additional ICT infrastructure beyond that discussed in the strategic plan.

Objectives

You need to produce a report that evaluates the structure and content of the Lincolnshire Partnership NHS Information Management & Technology Strategy and make recommendations on the revision of the acquisition and ongoing management of ICT Infrastructure in that plan.

Specifically, you need to complete the following tasks:

- Evaluate the Lincolnshire Partnership NHS Information Management & Technology Strategy against relevant criteria and guidelines that are derived from the ITIL governance framework.
- Make recommendations that you consider relevant to the revision of this plan on issues related to the acquisition and ongoing management of ICT Infrastructure that could be further pursued by the Lincolnshire Partnership within the stated context of this plan.
- Justify those recommendations, based on the outcomes of your analysis of the Strategy, on principles and guidelines from ITIL, and from references to other published literature
- Do not simply be critical, but consider which principles and guidelines from the ITIL governance framework are relevant to the objectives and context of the plan.

Requirements

- You should produce an ICT Infrastructure Evaluation Report in the report format shown in the supplied template.
- You should restrict your evaluation of the Lincolnshire Partnership NHS Information Management & Technology Strategy and consideration to the context and scope of the plan.
- You may make relevant assumptions in your evaluation of the plan, but must include those assumptions as explicit statements in your evaluation report.
- You should state the specific key findings from your evaluation of the Lincolnshire Partnership NHS Information Management & Technology Strategy.
- You should make recommendations on the revision of the Lincolnshire Partnership NHS Information Management & Technology Strategy.
- Your report must address the questions stated in the Objectives above.

Relationship of Assessment Criteria to Intended Learning Outcomes

Through this report students need to demonstrate that they have the knowledge and skills to:

2. Demonstrate an awareness of current ICT governance frameworks and their relevance to the development of ICT infrastructure management plans and proposals;
3. Analyse current ICT infrastructure management plans and practice, and assess their degree of alignment with enterprise business and strategic goals;
4. Demonstrate an understanding of the need for the achievement of interoperability in enterprise-wide ICT infrastructures.

Assessment Criteria

This assignment will be assessed according to the following weighted criteria:

- Achievement of the Assignment Objectives [30%]
- Demonstration of Intended Learning Outcome 2 [20%]
- Demonstration of Intended Learning Outcome 3 [20%]
- Demonstration of Intended Learning Outcome 4 [20%]
- Achievement of the Generic Skills criteria will apply to the degree of understanding, and quality of content, structure and presentation of the assignment submission [10%]

**Assessment**

The assessment of Assignment A01 counts 30% towards the total mark for the subject.

Late Penalty

10% of maximum marks per working day by which the submission of assignment exceeds the due submission date.

Report medium:

Your report should be prepared as a MS-Word document or PDF. In your Word document, please include hyperlinks to any web pages referenced in your report.

References:

You must include a Reference list at the end of your report. Entries in the Reference list should be sorted alphabetically by author, then by year of publication for works by the same author(s). Every single idea you borrow from someone else should be cited in your Reference list, and where possible should include the page number from the source. Quotations, if used, should be in quotation marks ("...") and should be EXACT.

You MUST use Harvard style referencing.

Expected time:

Approximately 40 hours of work

Due date:

Friday, 31st August 2018

Submission:

Your report should be prepared and submitted as a MS-Word or PDF document, electronically via the Learning Management System.

Marks:

30% of the total assessment for the Subject (Expected average mark: 75%)

Feedback:

You may submit your draft report for written feedback up until 3 days prior the deadline for submission of the report.

Plagiarism:

Please thoroughly familiarise yourself with University Policy on Plagiarism as this is taken very seriously.