Mind Mapping as an ICD-10 Migration Analysis Tool

Version 1.0

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# Background

Mind mapping methodologies provide a useful approach to collecting all of the subject areas within the SMA enterprise that may be impacted by the transition to ICD-10. These tools allow for classification of all subject areas in a visual model that makes a large area of content manageable, while maintaining continuity of all of the moving parts. WEDI (Workgroup for Electronic Data Interchange) has produced mind map models for payer and hospital organizations as a collaborative tool to understand areas of ICD-10 impacts. Feedback to WEDI has suggested that this approach has proven valuable to a number of organizations.

# Purpose

The illustrations contained in this document and the attached dynamic pdf document (see MITA\_Business\_Process\_Model) is intended to serve as illustrations of the mind mapping methodology. The degree of ICD-10 impact in each subject area will vary from one organization/SMA to the next. The MITA\_Business\_Process\_Model provides some illustration of the nature of mind mapping as it applies to MITA. A current pdf reader is required to view this in a dynamic expanding model.

# Tools and Solutions

The mind mapping model is simply one tool that can help in planning and assessing the degree of impact for the transition to ICD-10. There are a number of commercial and free mind mapping tools available with varying capabilities. Each SMA will have different impacted subject areas that could build on or replace items in this base model.

# Mind Mapping Models and Illustrations

## Example of Business Process Model

Besides categorizing impact areas within the organizations, additional functionality within mind maps allow the linking of all subject areas to tasks, resources, and a variety of documents such as spreadsheets, flow diagrams, and other important documents related to ICD-10 impact assessment. Figure 1 below illustrates the base level of a mind map for the MITA business process model.

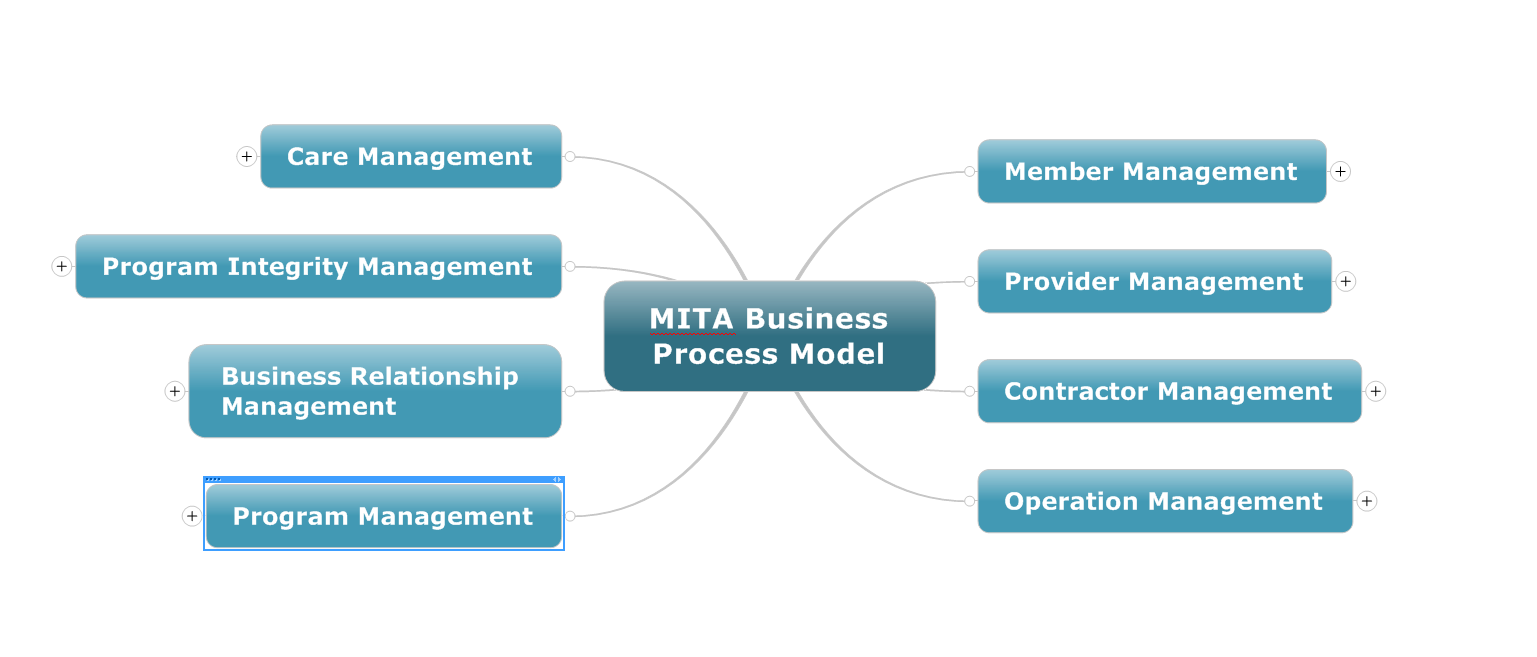


Figure 1: MITA Business Process Model

## Example for Detailed Subject Area

Figure 2 illustrates the degree to which the mind map tool supports drill down to more detailed levels of subject areas. As seen in this illustration, the mind map can incorporate any level of detail, but will allow visualization in an expanding and collapsing model, providing for continuity while controlling the volume of material presented at any time.

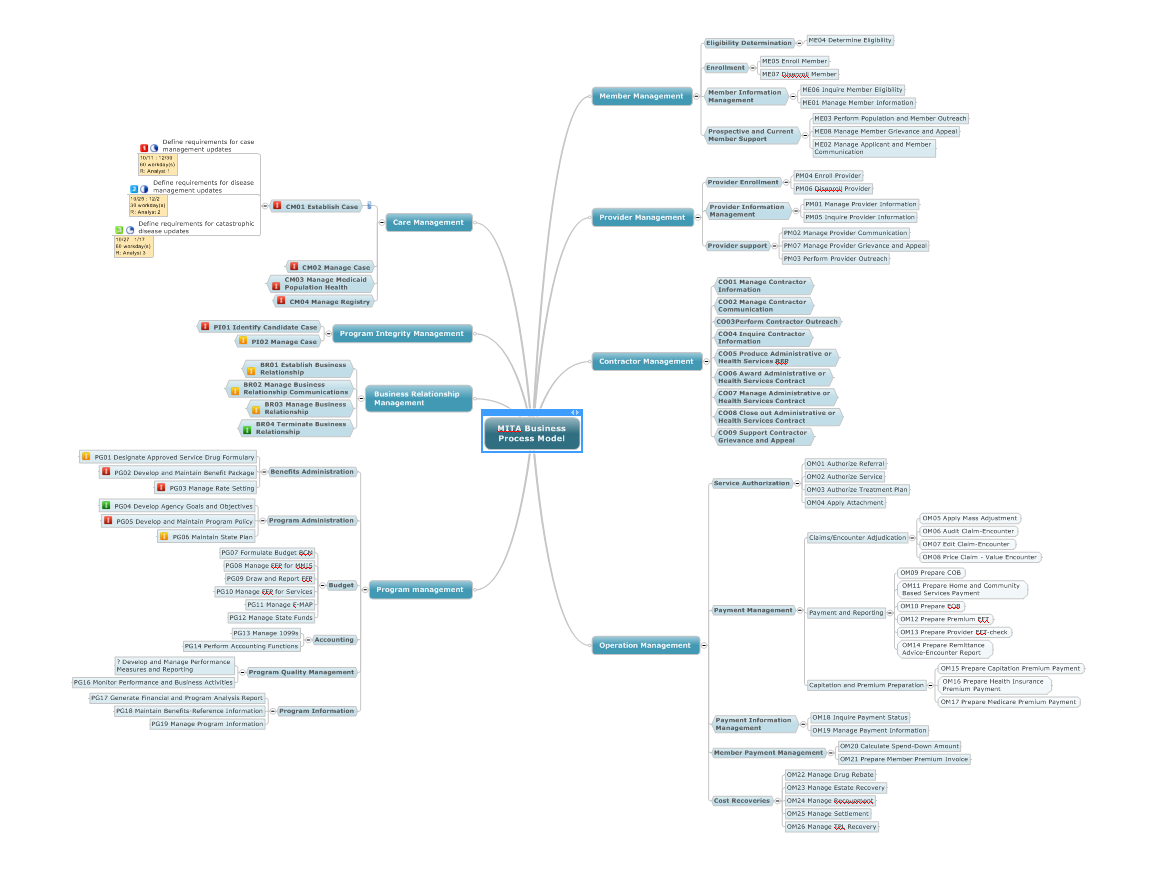


Figure 2: Mind Map with Enhanced Detail

## Example of Degree of ICD-10 Impact

Figure 3 presents a drill down view of one area of the mind map to show how to visually display the degree of ICD-10 impact using icons:

**Figure 3 Legend**

High Impact icon = High ICD-10 impact

Moderate impact icon = Moderate ICD-10 Impact

low impact icon = Low ICD-10 Impact

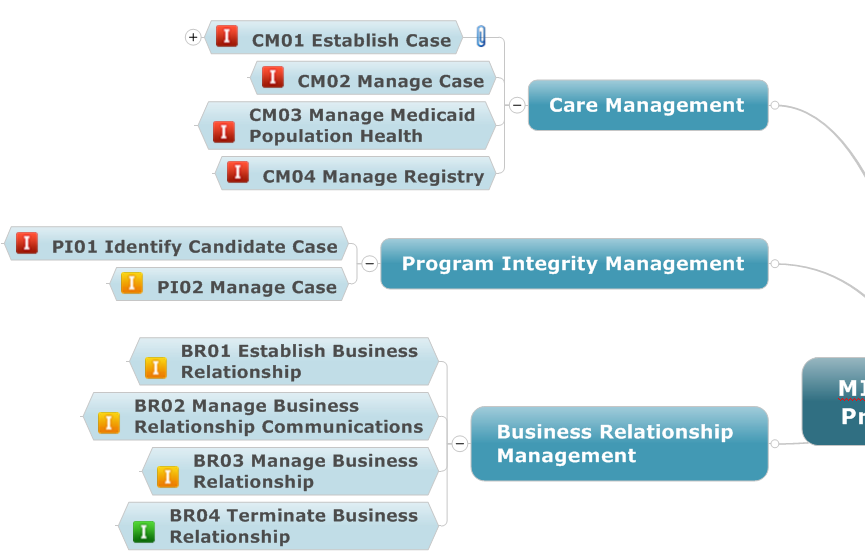


Figure 3: Mind Map of Degree of ICD-10 Impact

## Example of Defining and Attaching Tasks and Resources

Figure 4 demonstrates how to define and attach tasks and resources to any business area.

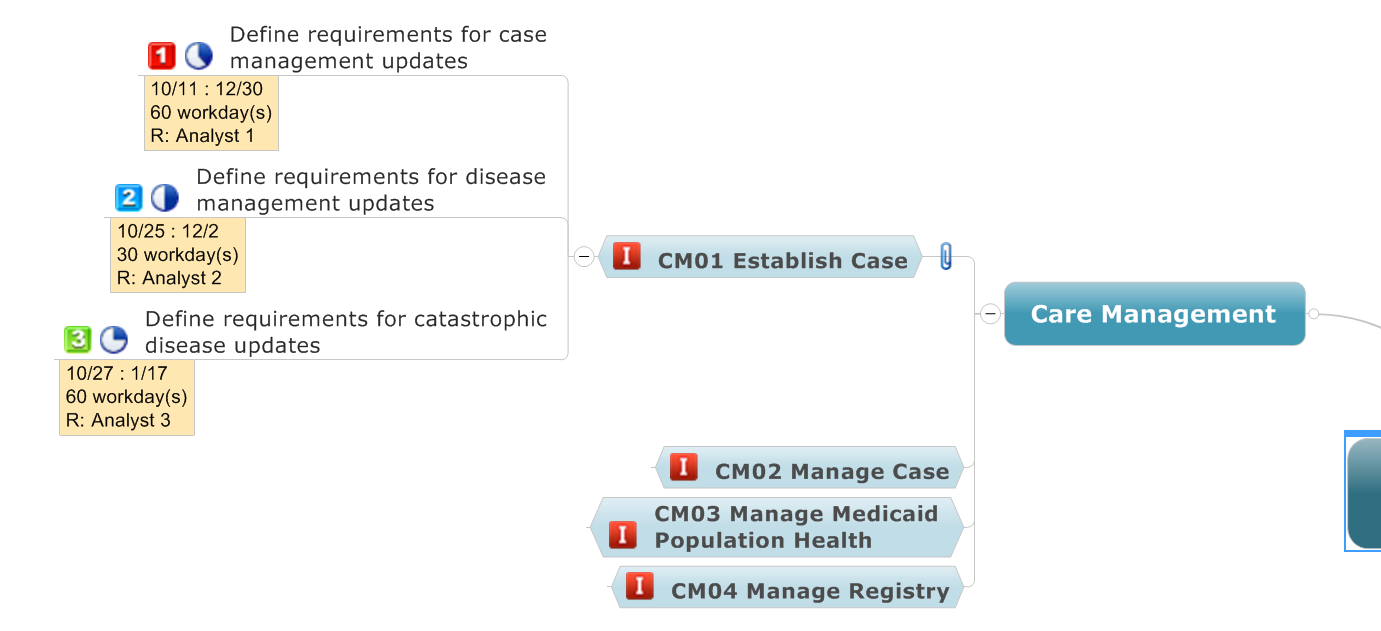


Figure 4: Defining Resources in a Business Area