**Document Management System Design Pattern Example**

A document management system(DMS) that used to track and store e-documents purpose. Documents are usually belong to a workorder and a workorder can be created by the users of the system. A workorder can contain sub workoders. Ex: Purchase workorder has two sub workorder such as payment and these sub workorder may have more than one documents.

When time comes system must perform a check that all the documents in the workorder have been signed.

Documents can be in various formats. Ex: PDF, DOC, DOCX

DMS has a workflow system in it. The documents within a workorder flow from one department to another within organization. Word and PDF document are signed and resulting signatures are stored differently. When workorder owner gets a notification, he/she can check the status of the document.