Data Set Integration and Mapping

Project Plan - Draft
June 7, 2010
Project Goals

• To analyze the various ways in which NaviStor, VUE and CCure, in data terms, define the enterprise from a “location of the event” perspective.

• To conceptualize a “universal” location definition and map the universal location to the existing multiple location definitions under study.

• To create a prototype software application that presents the “universal” view to the user and accurately extracts location specific event information from multiple selected and existing (unmodified) data sources.
Proposed Steps

- Finalize detailed project description, reading list, tool and required infrastructure specifications.
- Presentation to student candidates – Northeastern
- Presentation to student candidates – SJTU
- Team identification / enrollment – project kick-off
- Orientation Phase
  - Product technical overview
  - Product on-site (or lab) demonstration
  - Schema reviews
- Research Phase
  - Planogram structures
  - Tyco schema analysis
  - Product Manager Interviews
  - Requirements Review
- Design Phase
  - Schema Design
  - Locator Application Design
  - Design Review
- Execution Phase
  - Schema and db creation
  - Application coding
  - Peer code reviews
  - Documentation reviews
  - Integration Test
  - Final Design Validation
- Validation Phase
  - Functionality validation
  - Load and Performance Validation
- Deployment Phase
  - Cloud deployment
  - Laptop / Desktop deployment
About Planograms

The planogram is a visual diagram, or drawing, that provides in detail where every product in a retail store should be placed. These schematics not only present a flow chart for the particular merchandise departments within a store layout but also show on which aisle and on what shelf an item is located. A planogram should also illustrate how many facings are allocated for each SKU.

http://retail.about.com/od/planograms/a/planogramming.htm
Universal Retail Event Locator

User Data Request

Universal Location Definition for the Retail Enterprise

CCure 9000

NaviStor V7

TruVue V4