Technical Inspection Checklist

For KDD- Service based Numerical Entity Searcher

(KSNES)

Version 1.0

Submitted in partial fulfillment of the Masters of Software Engineering degree.

Naga Sowjanya Karumuri
CIS 895 – MSE Project
Department of Computing and Information Sciences
Kansas State University

Committee Members

Dr. William. H. Hsu

Dr. Torben Amtoft

Dr. Mitchell Neilsen

Change Log

Version #	Changed By	Release Date	Change Description
Version 1.0	Sowjanya	03/19/09	Initial Release

Table of Contents

1. Introduction

This document provides a checklist to be used in the technical inspection of KSNES project. It provides a guideline for the inspectors to follow to ensure that the Architectural Design Document and the USE formal specification model are both complete and correct.

2. References

[1] Davis, E. Technical Inspection List 1.0. Retrieved 03/19/2009, from Eric Davis MSE Project Page Web Site: http://www.kdd.cis.ksu.edu/tikiwiki/tiki-index.php?page=MSE%20Project%20Entity%20Search

3. Items to be inspected

Technical inspectors refer Vision Document 1.0 for technical inspection.

3.1. UML Diagrams

- Class Diagrams
- Sequence Diagrams

3.2. Formal Specification

- OCL Model

4. Formal Inspectors

- Svitlana Volkova (svitlana@ksu.edu)
- Snehal Monterio (snehalm@ksu.edu)

5. Formal Inspection List

Item #	Inspection Item	Pass/Fail/Partial	Comments
TI- 1	All the symbols used in the class diagrams are according to the UML standards		
TI- 2	All the classes in the class diagram are clear as to what they represent in the architecture design document		
TI- 3	The symbols used in the sequence diagram correspond to UML standards		
TI- 4	Sequence diagram matches class diagram		
TI- 5	All the classes in the OCL model are represented in the class diagram		
TI- 6	The multiplicities in the OCL model have been depicted in the class diagram		
TI- 7	All the requirements in the Software Requirements Specification have been covered in the Architecture Design Document		