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
<table>
<thead>
<tr>
<th>Version #</th>
<th>Changed By</th>
<th>Release Date</th>
<th>Change Description</th>
</tr>
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<tbody>
<tr>
<td>Version 1.0</td>
<td>Sowjanya</td>
<td>03/19/09</td>
<td>Initial Release</td>
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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


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