Improving Visualization Knowledge (VisKo)

Candidate Classes and Responsibilities

Version <1.3>

2/28/14

Document Control

Approval

The Guidance Team and the customer shall approve this document.

Document Change Control

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Distribution List

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Change Summary

The following table details changes made between versions of this document

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| Version | Date | Modifier | Description |
| 1.0 | 2/20/14 | Maria Cortes, Manuel Dosal, Marcela Vazquez | Added candidate classes, scope of product and section 1.3, definitions, acronyms and abbreviations. |
| 1.1 | 2/21/2014 | Hector Quintana, Mario Flores, Rebekah Gruver | Added candidate responsibilities, section 3.2 |
| 1.2 | 2/23/2014 | Leaf Development | Compiled all sections of the document. |

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## Overview

**Section 1. Introduction**

This section explains the purpose of the CRC document. The main idea is to identify the system’s functionalities and write them in index cards for easier maintainability and modification throughout the implementation of the VisKo System. It also describes the function of the VisKo system and explains why is important to adapt it with a different interfaces that will help the widespread adoption of VisKo. A list of definitions, acronyms and abbreviations is included for further reference. These words are found throughout the different sections of the CRC.

**Section 2. Process Description**

This section describes in detailed the process used by our team to identify the candidate classes and responsibilities of the VisKo system. CRC cards creation process is also detailed and heuristics followed to assign responsibilities to each class, are also part of this section. Finally, any assumption made by the team, as well as found constrains are explained in section 2.

**Section 3. Candidate Classes and Responsibilities**

This section includes a list of all nouns found in the SRS, which indicate possible candidate classes, and another list of all verbs found in such document. Verbs represent possible responsibilities. Both lists were reviewed and refined by Leaf Development and were assigned to a category: obvious, unsure or discarded. These categories helped in completing the CRC cards that are found also in this section. Additional comments are include for each candidate. At the last part of this section, the final CRC cards are included with the name of the classes and its responsibilities, as well as a brief description of the whole function of given class. Each CRC card has a “collaboration” section, which is not used at this time of the project.