PROJECT OVERVIEW STATEMENT

Project Name: XSLT LIBRARY FOR XMI QUERYING
Project Code: OOMeter/T/06

Problem/Opportunity
XMI files tend to be complex to manipulate. This complexity is further worsened by the proliferation of versions of the XMI and the UML.

Goal
To develop a library of XSLT templates that can be invoked to perform basic queries on XMI files.

Objectives
The following tasks will be required to achieve the above goal:
1. Identify a useful set of queries that is needed by most tools that process XMI files.
2. For each query, implement an XSLT template for a number of versions of the XMI and UML.
3. Show through examples a number of usage scenarios for the library.
4. Implement a simple example such as XMI to HTML transformation using the library.

Success Criteria
The success of the project hinges on the following:
1. Availability of XSLT skills
2. Motivation of team members
3. Adequate coordination and cooperation among team members

Assumptions, Risks, Obstacles
1. It is assumed that team members would have a good understanding of XML, UML and of basic OO concepts
2. It will help if team members have some XSLT and XML skills
3. It is assumed that team members will follow good documentation practices, to facilitate continuity of work

Team Leader: Team Members:

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Approved By: Date