**Assembled Retrieval Process**

Project: Eyal-Salman203

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Assembled Process Name: Retrieval 1

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| 1 | **Phase:** | **Extract** |
| Activity: | Divide features with LSI |
| Description: | Use LSI to divide features and classes into common and variable partitions; |
| Retrieval Technique: | Latent Semantic Indexing |
| 2 | **Phase:** | **Extract** |
| Activity: | Fragment variable partitions with FCA |
| Description: | Fragment variable partitions into minimal disjoint sets using FCA |
| Retrieval Technique: | Formal Concept Analysis |
| 3 | **Phase:** | **Group** |
| Activity: | Code topics are derived; |
| Description: | Derive code-topics from common class partitions; |
| Retrieval Technique: | Clustering |
| 4 | **Phase:** | **Create Feature Model** |
| Activity: | Traceability between features and code-topics |
| Description: | perform traceability links between features and their code-topics; |
| Retrieval Technique: | Rule Based |
| 5 | **Phase:** | **Create Feature Model** |
| Activity: | Determine feature implementation |
| Description: | determine which classes implement each feature. |
| Retrieval Technique: | Rule Based |