Team 12 Feathersoft CRC

**Classes:**

SRS section 3.2.2 describes the following classes of related real-world objects in the system:

* Event Configuration
* Log File
* Enforcement Action Report
* Vector
* Significant Log Entry
* Node
* Icon
* Graph

**Responsibilities:**

**Collaborations:**

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| Event Configuration | |
| Responsibilities: | Collaborators: |

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| Log File | |
| Responsibilities: | Collaborators: A log file is a client of the Event Configuration class because a log files come from the three directories chosen in the Event Configuration. |

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| Enforcement Action Report | |
| Responsibilities: | Collaborators: An enforcement action report is a client of a log file object because it’s generated based on ingestion status of a log file. The “Line Number” attribute in section 3.2.2.3 is the “location of where the error occurs in a log file.” |

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| Vector | |
| Responsibilities: | Collaborators:  [SRS 41] A vector shall comprise of at least one significant log entry.  A vector is a client of the significant log entry class. |

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| Significant Log Entry | |
| Responsibilities: | Collaborators:  [SRS 43] A significant log entry shall be part of at least one vector.  A significant log entry is a server of the vector class. |

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| Node | |
| Responsibilities: | Collaborators:  [SRS 45] A node shall be part of at least one graph.  A node is a server of the graph class.  A node is a client of a significant log entry because a significant log entry is used to generate a node.  A node is a client of a log file because it contains a reference to the source log file and log creator. |

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| Icon | |
| Responsibilities: | Collaborators:  SRS 3.2.2.6 Table 10 defines the properties “Icon Type” and “Icon Type Visibility” as attributes of a node. An icon serves the node class. |

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| Graph | |
| Responsibilities: | Collaborators: |