**Concrete Class:** Graph

**Superclasses:**

**Subclasses:**

**Responsibilities:** Configure export, Configure nodes and relationships in graph, edit table, edit graph, edit timeline, configure relationships, and export graph.

**Collaborations:** Vector, Node, Maltego Interface, and User Interface.

**Concrete Class:** Log File

**Superclasses:**

**Subclasses:**

**Responsibilities:** Remove empty rows and columns, verify files according to validation rules and Ingest accepted files,

**Collaborations:** Log entry, Enforcement action report, Event Configuration, Data validator, Data Ingestor, Data cleanser, Splunk interface, OCR interface, and Transcription interface.

**Concrete Class:** Log Entry

**Superclasses:**

**Subclasses:**

**Responsibilities:** Ingest accepted files, search log entries, filter log entries, create log entry, and associate log entries to vectors.

**Collaborations:** Log file, Node, Splunk Interface.

**Concrete Class:** Vector

**Superclasses:**

**Subclasses:**

**Responsibilities:** Create vectors, name and description, Edit vectors name, Delete vectors, Add vectors, Assign nodes to vectors, Edit vector description, Configure relationships, and Associate log entries to vectors.

**Collaborations:** Log Entry, Connectors, Graph, and Vector DB

**Concrete Class:** Node

**Superclasses:**

**Subclasses:**

**Responsibilities:** Assign nodes to vectors, Configure nodes and relationships in graph, and Configure relationships

**Collaborations:** Graph, Log Entry, and Icon

**Concrete Class:** Icon

**Superclasses:**

**Subclasses:**

**Responsibilities:** Configure Icon, Add Icon, Delete Icon, Edit Icon, and Configure relationships

**Collaborations:** Node, and Graph

**Concrete Class:** Enforcement Action Report

**Superclasses:**

**Subclasses:**

**Responsibilities:** Generate action report, and Enforce enforcement action report

**Collaborations:** Log File, and Event Configuration

**Concrete Class:** Event Configuration

**Superclasses:**

**Subclasses:**

**Responsibilities:** Request file path, and Request event configuration rules

**Collaborations:** Log File, Enforcement action report, Data validator, Data Ingestor, and Data Cleanser

**Concrete Class:** Splunk Interface

**Superclasses:**

**Subclasses:**

**Responsibilities:** Store Data, and Handle maltego interface.

**Collaborations:** Log File, Log Entry, User Interface, Data Validator, Data Ingestor, and Data Cleanser.

**Concrete Class:** User Interface

**Superclasses:**

**Subclasses:** Lead Interface

**Responsibilities:** Display image on screen and Take in user input.

**Collaborations:** Graph, Vector DB, and Splunk Interface

**Concrete Class:** Vector DB

**Superclasses:**

**Subclasses:**

**Responsibilities:** Pull vector DB, Push vector DB, Commit sync approval, and Commit lead changes

**Collaborations:** Vector, Node, Icon, and Connectors.

**Concrete Class:** OCR Interface

**Superclasses:**

**Subclasses:**

**Responsibilities:** Ingest video logs, and Ingest Image logs

**Collaborations:** Log File

**Concrete Class:** Maltego Interface

**Superclasses:**

**Subclasses:**

**Responsibilities:** Configure nodes and relationships in graph, Edit table, Edit graph, Edit timeline, and Export graph

**Collaborations:** Graph

**Concrete Class:** Connectors

**Superclasses:**

**Subclasses:**

**Responsibilities:** Configure nodes and relationships in graph, and Configure relationships

**Collaborations:** Vector

**Concrete Class:** Transcription Interface

**Superclasses:**

**Subclasses:**

**Responsibilities:** Ingest video logs, and Ingest audio logs

**Collaborations:** Log File

**Concrete Class:** Data Validator

**Superclasses:**

**Subclasses:**

**Responsibilities:** Verify files according to validation rules,

**Collaborations:** Log file, Event Configuration, and Splunk Interface.

**Concrete Class:** Data Ingestor

**Superclasses:**

**Subclasses:**

**Responsibilities:** Ingest accepted files, Ingest audio logs, ingest video logs, and ingest image logs

**Collaborations:** Log file, Event Configuration, and Splunk Interface.

**Concrete Class:** Data Cleanser

**Superclasses:**

**Subclasses:**

**Responsibilities:** Remove empty rows and columns.

**Collaborations:** Log file, Event Configuration, and Splunk Interface.