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

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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.