**Class, Responsibility and Collaborator**

A Class Responsibility Collaborator (CRC) model is a collection of standard index cards that have been divided into four sections. A class represents a collection of similar objects, description is just a brief explanation of what the class does, a responsibility is something that a class knows or contains, and a collaborator is another class that a class interacts with to fulfill its responsibilities. In our PICK system we have following classes.

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| Classes | Description | Responsibilities | Collaborators |
| Log Entry | Represents data of a log file after being cleansed, validated and ingested | 1. Contains information from event | Vector(2) |
| Node | Represents a significant log entry in the Graph | 1. Visually represents an event on the graph | Graph(1)  Log Entry(1) |
| Graph | Contains the visual representation of nodes and their relationships | 1. Visually represent events as nodes 2. Visually represent time between events | Node(1)  Vector(2) |
| Vector | Association of significant log entries | 1. The object has the column header labeled as Vector name and Vector description.? 2. Represents the correlation and association of log entries | Log entry(2) |
| Event configuration |  | 1. Store attributes of event. 2. Sets the rules for validation | Lead(2) |
| Log File | Contain the events that occurred for a team during an attack or response to an attack | 1. Knows the events that occurred in an attack 2. Knows the events that occurred in a response to attack 3. Contains the future log entries? | Directory(1) |
| Analyst | Primary user, can edit events on vectors, create new log entries and nodes, and export them | 1. Can corollate events to a vector 2. Can push vector changes to vector data base 3. Can pull vector data from the vector data base | Vector(1) |
| Lead | Oversees and controls changes made to the vector data base. | 1. Can approve or deny changes made to vectors | Analyst(1) |
| Directory |  | 1. Knows the location of the log files |  |