

Class: Graph		
	Responsibilities	Collaborations
g_1	Displays graph	ui_3
g_2	Displays table	ui_3
g_3	Displays timeline	ui_3
g_4	Returns pdf of the graph	ui_2, ui_4
g_5	Returns csv of the graph	ui_2, ui_4
g_6	Generates graph	vd_1

Class: Log Entry		
	Responsibilities	Collaborations
le_1	Divides log files	lf_1
le_2	Stores date, time, description	
le_3	Search log entries	ui_2, ui_3
le_4	Filter log entries	ui_2 , ui_3

Class: Vector		
	Responsibilities	Collaborations
v_1	Saves nodes to vector	ui_2, n_1
v_2	Saves connectors relevant to nodes in the vector	ui_2, c_1
v_3	Create vector	ui_2
v_4	Edit vector name	ui_2
v_5	Delete vector	ui_2
v_6	Edit vector description	ui_2
v_7	Delete node from vector	ui_2

Class: Node		
	Responsibilities	Collaborations
n_1	Groups icon, timestamp, description, and a unique id	i_1
n_2	Generates node	ui_2, le_2, i_1

Class: Enforcement Action Report		
	Responsibilities	Collaborations
ea_1	Determines list of errors per file	dv_1, dc_1
ea_2	Displays list of files without error	ui_3
ea_3	Displays list of files with error number	ui_3

Class: Event Configuration		
	Responsibilities	Collaborations
ec_1	Saves event name	ui_2
ec_2	Saves event description	ui_2
ec_3	Saves event start and end timestamps	ui_2

Class: Icon		
	Responsibilities	Collaborations
i_1	Saves references to image files for icons	ui_2
i_2	Add icon	ui_2
i_3	Delete icon	ui_2

Class: User Interface		
	Responsibilities	Collaborations
ui_1	Pushes changes to main branch	
ui_2	Input user data	
ui_3	Output on screen	
ui_4	Export file	

Class: Connectors		
	Responsibilities	Collaborations
c_1	Saves reference to parent and child node	ui_2, n_1

Class: Data Validator		
	Responsibilities	Collaborations
dv_1	Checks whether data is in date and time range	ec_3, lf_1

Class: Data Ingestor		
	Responsibilities	Collaborations
di_1	Takes in data that has either been validated or approved manually	ui_2, dv_1, lf_1

Class: Data Cleanser		
	Responsibilities	Collaborations
dc_1	Removes empty rows and columns	lf_1

Class: Lead Interface		
Superclas: User Interface		
	Responsibilities	Collaborations
li_1	Approves merges to main branch	

Class: Directory Configuration		
	Responsibilities	Collaborations
dir_1	Determines root directory	ui_2
dir_2	Determines red folder	ui_2
dir_3	Determines white folder	ui_2
dir_4	Determines blue folder	ui_2

Class: Log File		
	Responsibilities	Collaborations
lf_1	Stores internal representations of files found in root directory and team folders	dir_1, dir_2, dir_3, dir_4

Class: Vector DB Interface		
	Responsibilities	Collaborations
vd_1	Saves changes to vector database	ui_1, li_1