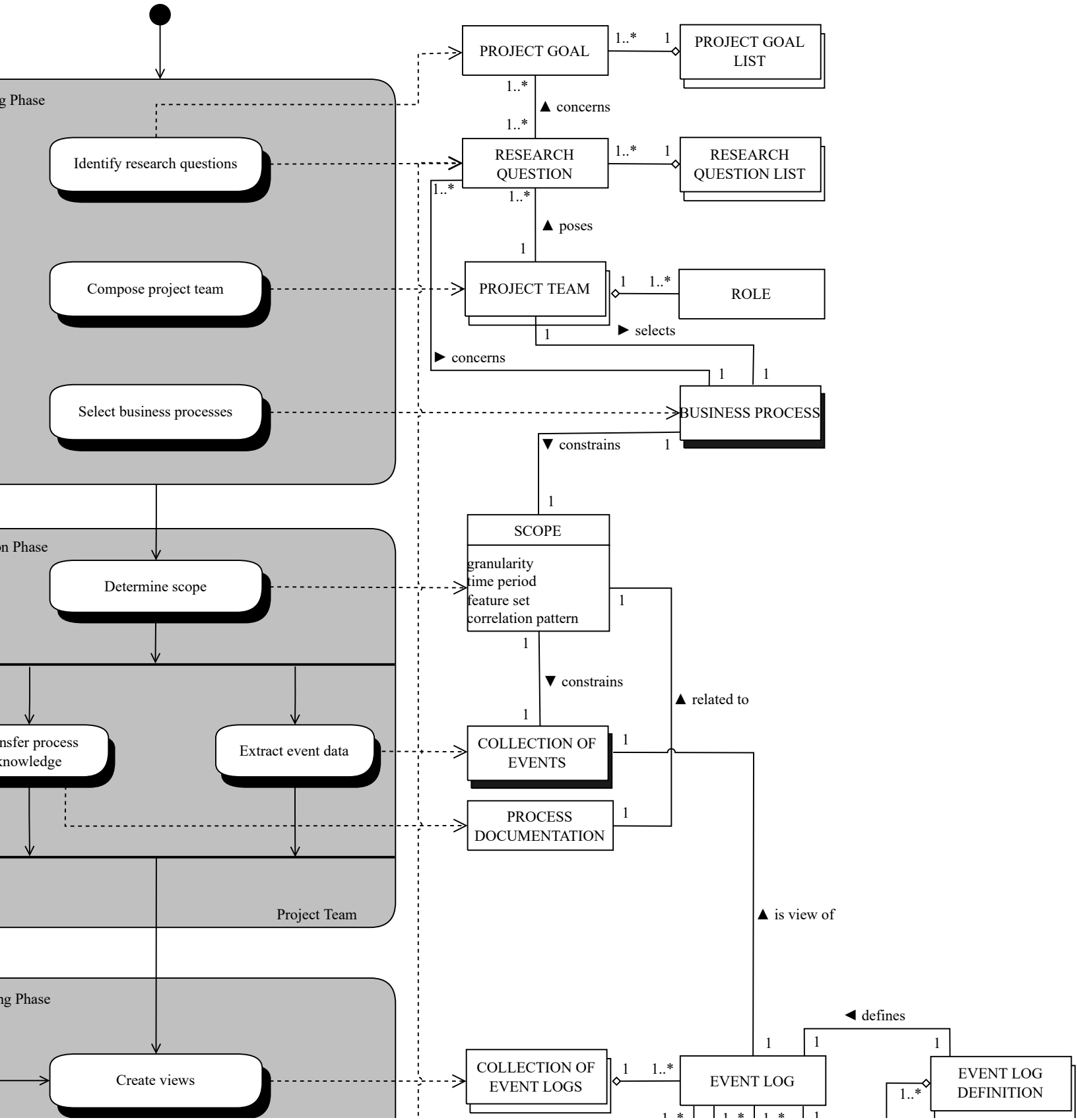
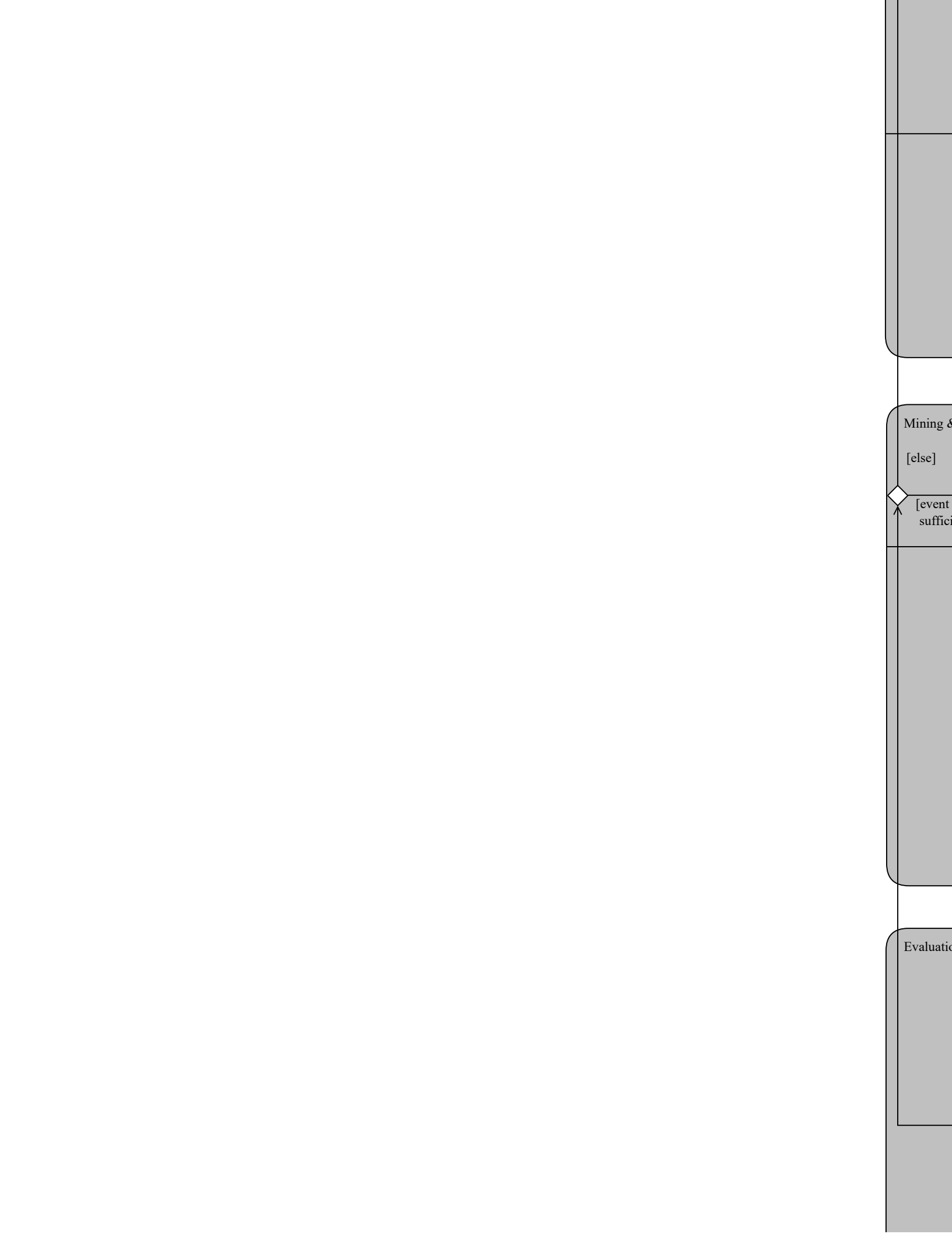
Figure

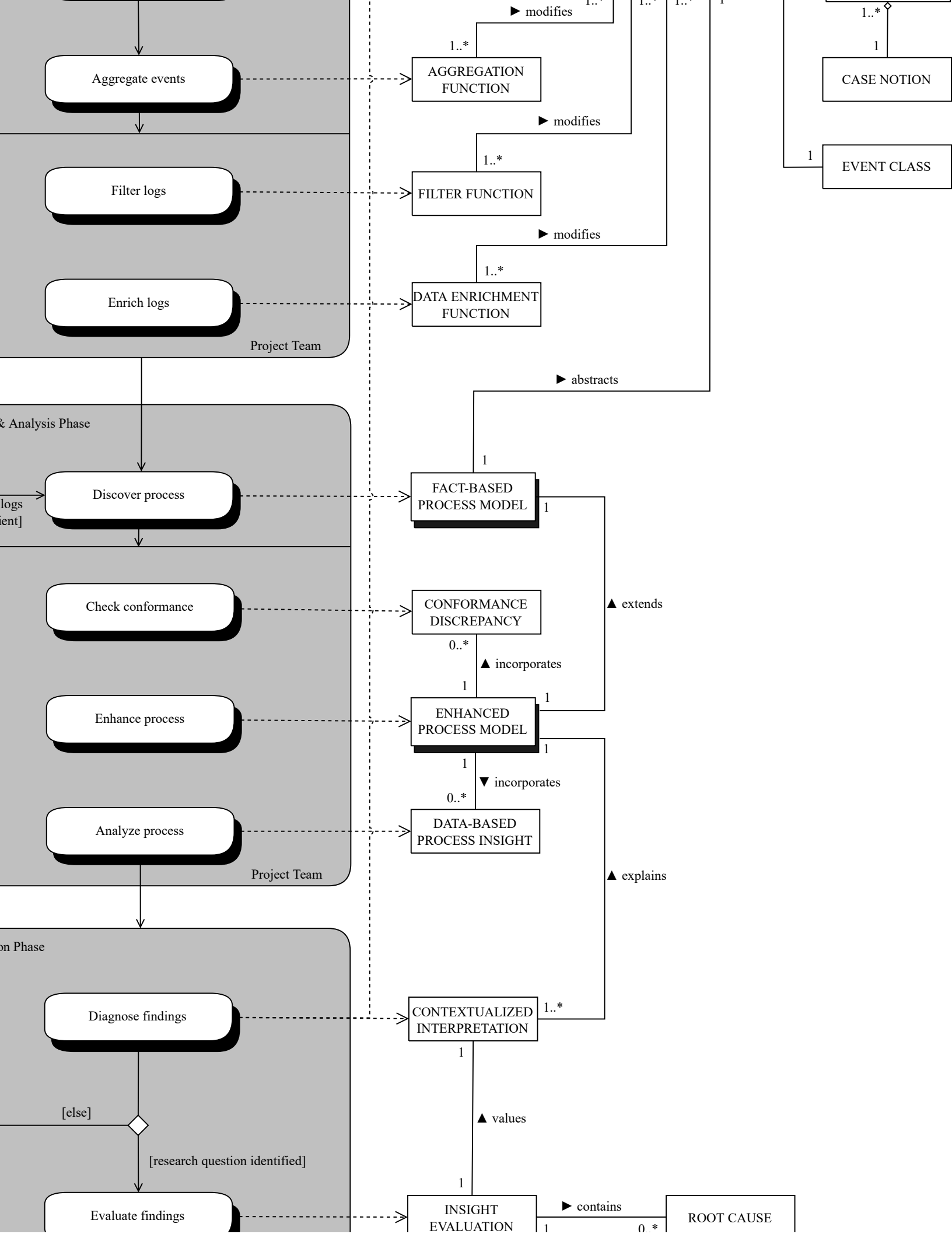
The Pr

2

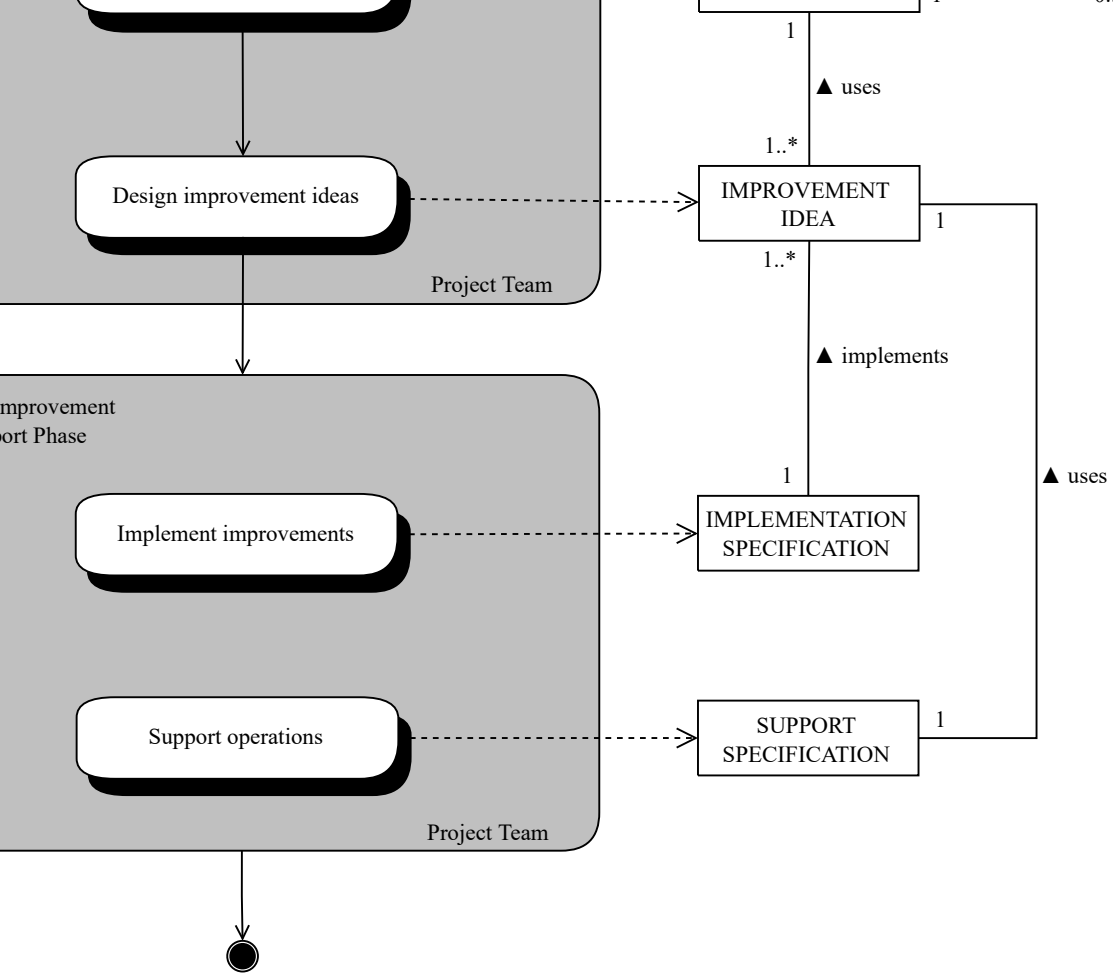
ocess Deliverable Diagram of PM^2




Mining &
[else]
[event
suffici
Evaluatio


Aggregate events
Filter logs
Enrich logs
Project Team
& Analysis Phase
Discover process
logs
ient]
Check conformance
Enhance process
Analyze process
Project Team
on Phase
Diagnose findings
[else]
[research question identified]
Evaluate findings
AGGREGATION FUNCTION
FILTER FUNCTION
DATA ENRICHMENT FUNCTION
FACT-BASED PROCESS MODEL
CONFORMANCE DISCREPANCY
ENHANCED PROCESS MODEL
DATA-BASED PROCESS INSIGHT
CONTEXTUALIZED INTERPRETATION
INSIGHT EVALUATION
ROOT CAUSE
CASE NOTION
EVENT CLASS
► modifies
► modifies
► modifies
► abstracts
▲ extends
▲ incorporates
▼ incorporates
▲ explains
▲ values
► contains
1..*
1
0..*

Process I
and Supp


1
▲ uses
1..*
Design improvement ideas
IMPROVEMENT IDEA
1
1..*
Project Team
▲ implements
mprovement
ort Phase
1
▲ uses
Implement improvements
IMPLEMENTATION SPECIFICATION
Support operations
SUPPORT SPECIFICATION
1
Project Team