**Scenario 1: Build Graph**

Preconditions: Project configuration complete, must have corresponding vector

Postconditions: Graph is created

Actors: Analyst

1. Analyst selects graph view window.
2. System displays generated graph on graph view window.
3. Analyst selects export graph (ALT 1, ALT 2, ALT 3, ALT 5).
4. System displays options for export format
5. Analyst selects export option (ALT 4, ALT 5).
6. System exports graph as selected format.
7. End of use case.

ALT 1: Analyst modifies node

ALT1 -1: Analyst selects node.

ALT1 -2: Analyst modifies selected node.

ALT1 -3: Use case continues at step 3.

ALT 2: Analyst modifies relationship

ALT2 -1: Analyst selects relationship.

ALT2 -2: Analyst modifies selected relationship.

ALT2 -3: Use case continues at step 3.

ALT 3: Analyst modifies vector

ALT3 -1: Analyst selects vector attribute.

ALT3 -2: Analyst modifies selected vector attribute.

ALT3 -3: Use case continues at step 3.

ALT 4: Analyst cancels export

ALT4 -1: Analyst selects cancel option

ALT4 -2: Use case continues at step 3.

ALT 5: Analyst exits graph view window

ALT5 -1: Analyst exits graph view window

ALT5 -2: use case continues at step 7.