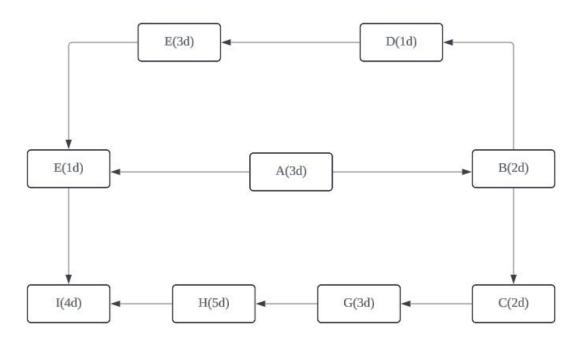
- AON Network Diagram



- Possible paths through the diagram and their durations:

Three paths:

- 1) Path: $A \rightarrow B \rightarrow C \rightarrow G \rightarrow H \rightarrow I$, Duration: 19 days
- 2) Path: $A \rightarrow B \rightarrow D \rightarrow E \rightarrow F \rightarrow I$, Duration: 14 days
- 3) Path: $A \rightarrow F \rightarrow I$, Duration: 8 days

- Critical Path:

 $A \to B \to C \to G \to H \to I$, with a total duration of 19 days. This is the path that dictates the minimum time required to complete the project.