**ACTIVITY DIAGRAM-1**

- **Have (l(Q_i,E))**
  - Direct Acyclic Graph
  - Execution Control:
    1) Output generated when inputs satisfied
    2) Script:
      for i in list
      math \( Q_S \)
      sum \( S_i \)

- **Sum \( S_i \)**

- **Weighted Sum \( f_i \times S_i \)**

- **Add New Component**
  - Direct Acyclic Graph
  - Execution Control:
    1) Output generated when inputs satisfied cannot work: no pass through of \( f_i \)
    2) Old script does not work either for same reason.

- **Loss of Reusability**