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WorkflowExample  $\triangleq$  INSTANCE WorkflowExample WITH
  Tasks  $\leftarrow$ 
  { [name  $\mapsto$  "EVI", repeatable  $\mapsto$  FALSE, group  $\mapsto$  "non-destructive"]
    , [name  $\mapsto$  "SEM", repeatable  $\mapsto$  FALSE, group  $\mapsto$  "non-destructive"]
    , [name  $\mapsto$  "XRAY_MIC", repeatable  $\mapsto$  FALSE, group  $\mapsto$  "non-destructive"]
    , [name  $\mapsto$  "EPT", repeatable  $\mapsto$  FALSE, group  $\mapsto$  "non-destructive"]

    , [name  $\mapsto$  "DECAP", repeatable  $\mapsto$  FALSE, group  $\mapsto$  "destructive"]
    , [name  $\mapsto$  "IVI", repeatable  $\mapsto$  FALSE, group  $\mapsto$  "destructive"]

    , [name  $\mapsto$  "STRIP", repeatable  $\mapsto$  TRUE, group  $\mapsto$  "destructive"]
    , [name  $\mapsto$  "XRAY_SPEC", repeatable  $\mapsto$  TRUE, group  $\mapsto$  "destructive"]
    , [name  $\mapsto$  "SAM", repeatable  $\mapsto$  TRUE, group  $\mapsto$  "destructive"]
    , [name  $\mapsto$  "TEM", repeatable  $\mapsto$  TRUE, group  $\mapsto$  "destructive"]
  },
  Connections  $\leftarrow$ 
  { [name  $\mapsto$  "has_predecessor", srcName  $\mapsto$  "SEM", dstName  $\mapsto$  "EVI"]
    , [name  $\mapsto$  "has_predecessor", srcName  $\mapsto$  "XRAY_MIC", dstName  $\mapsto$  "EVI"]
    , [name  $\mapsto$  "has_predecessor", srcName  $\mapsto$  "EPT", dstName  $\mapsto$  "SEM"]
    , [name  $\mapsto$  "has_predecessor", srcName  $\mapsto$  "EPT", dstName  $\mapsto$  "XRAY_MIC"]

    , [name  $\mapsto$  "has_predecessor", srcName  $\mapsto$  "DECAP", dstName  $\mapsto$  "EPT"]
    , [name  $\mapsto$  "has_mandatory_successor", srcName  $\mapsto$  "DECAP", dstName  $\mapsto$  "IVI"]
    , [name  $\mapsto$  "has_mandatory_predecessor", srcName  $\mapsto$  "IVI", dstName  $\mapsto$  "DECAP"]

    , [name  $\mapsto$  "has_mandatory_predecessor", srcName  $\mapsto$  "STRIP", dstName  $\mapsto$  "IVI"]
    , [name  $\mapsto$  "has_mandatory_predecessor", srcName  $\mapsto$  "XRAY_SPEC", dstName  $\mapsto$  "STRIP"]
    , [name  $\mapsto$  "has_mandatory_predecessor", srcName  $\mapsto$  "SEM", dstName  $\mapsto$  "STRIP"]
    , [name  $\mapsto$  "has_mandatory_predecessor", srcName  $\mapsto$  "TEM", dstName  $\mapsto$  "STRIP"]
    , [name  $\mapsto$  "has_predecessor", srcName  $\mapsto$  "SEM", dstName  $\mapsto$  "XRAY_SPEC"]
    , [name  $\mapsto$  "has_predecessor", srcName  $\mapsto$  "TEM", dstName  $\mapsto$  "XRAY_SPEC"]
  },
  Workflow  $\leftarrow$ 
  <"EVI", "EPT", "DECAP", "IVI", "STRIP", "SEM", "STRIP", "XRAY_SPEC", "TEM">

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