CONTEXT c0
SETS
  UNIT
  ORG
  ROLE
  EMPLOYEE
  CONTEXT
  VIEW
  ACTIVITY
  RESOURCE
  ACTION
  PERMISSION
  COR
CONSTANTS
  GLOBAL_DEADLINE
  APPROVER
  POSITION
  DEADLINE
  isTrue
AXIOMS
  axm1: $finite(UNIT) \land finite(ORG) \land finite(ROLE) \land finite(EMPLOYEE) \land finite(CONTEXT)$
  axm2: $finite(PERMISSION)$
  axm3: $finite(ACTIVITY) \land finite(ACTION) \land finite(VIEW) \land finite(RESOURCE)$
  axm4: $finite(COR)$
  axm5: $GLOBAL\_DEADLINE \in \mathbb{N}$
  axm7: $POSITION = 1 .. 100$
  axm8: $DEADLINE = \mathbb{N}$
  axm6: $APPROVER = UNIT \times POSITION \times DEADLINE$
  axm9: $isTrue \in CONTEXT \to BOOL$
  axm10: $card(CONTEXT) = 1000$
END