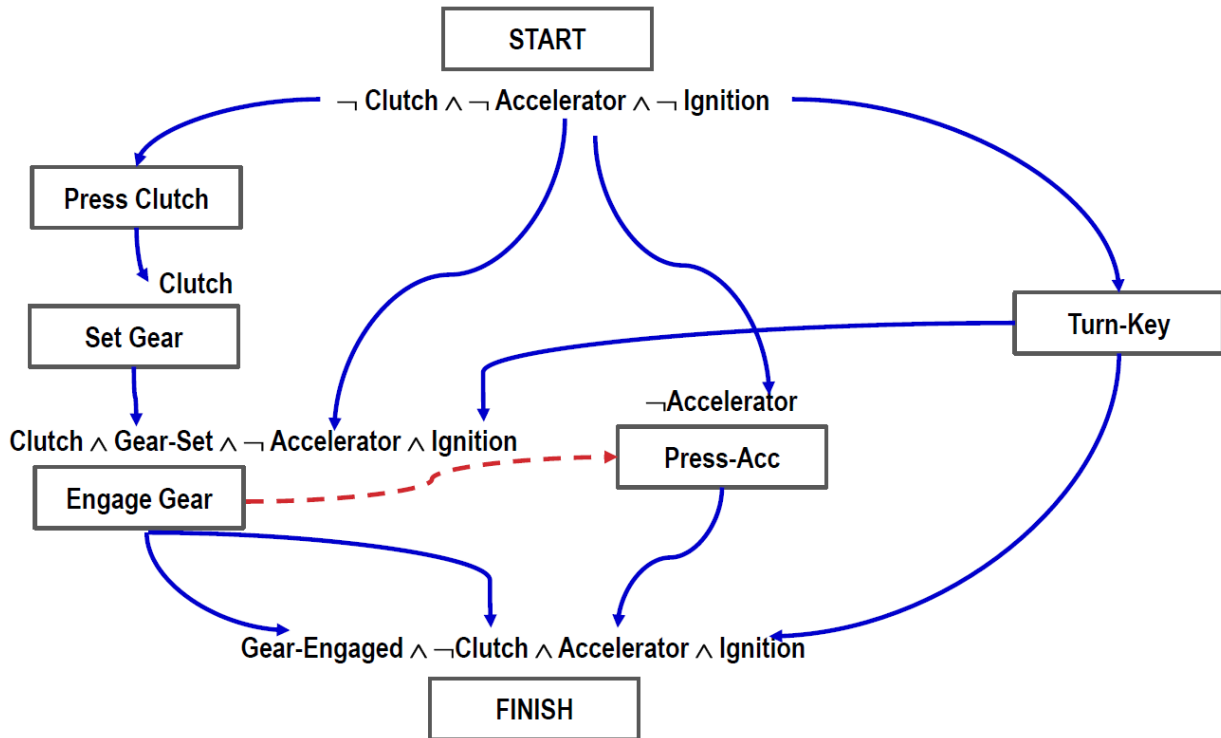


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Q1.



Q2.

Predicates: In(y,x), Empty(s), On(s,y)

Objects: L1, L2, C1, C2, S

Goal Specification: In(L2,C2)

Initial State: In(L1,C1) In(L1,C2) In(L1,S) Empty(S)

Action Schema:

Load(S,x,y)

Precond: In(y,S), In(y,x), Empty(S)

Effect: \neg Empty(S), On(S,x), \neg In(y,x)

Unload(S,x,y)

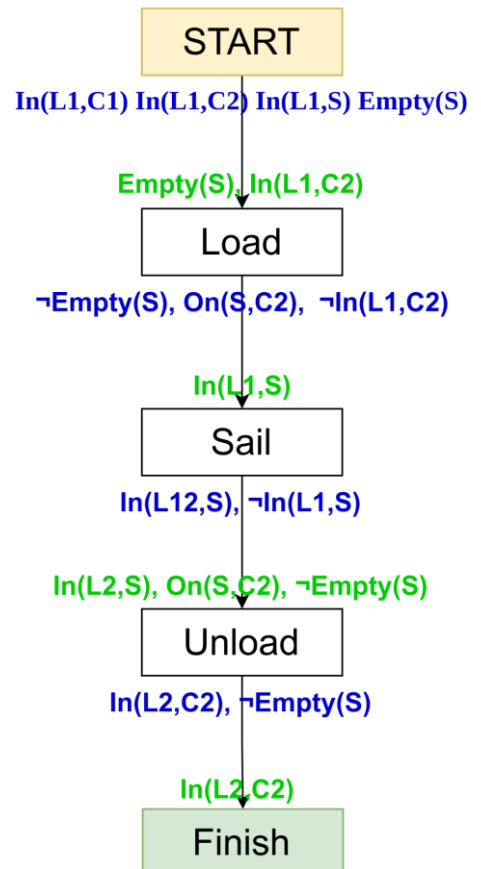
Precond: In(y,S), On(S,x), \neg Empty(S)

Effect: Empty(S), In(y,x)

Sail(S,x,y)

Precond: In(x,S)

Effect: \neg In(x,S), In(y,S)



Q3.

