CZ4015
Assignment 1 Part 1
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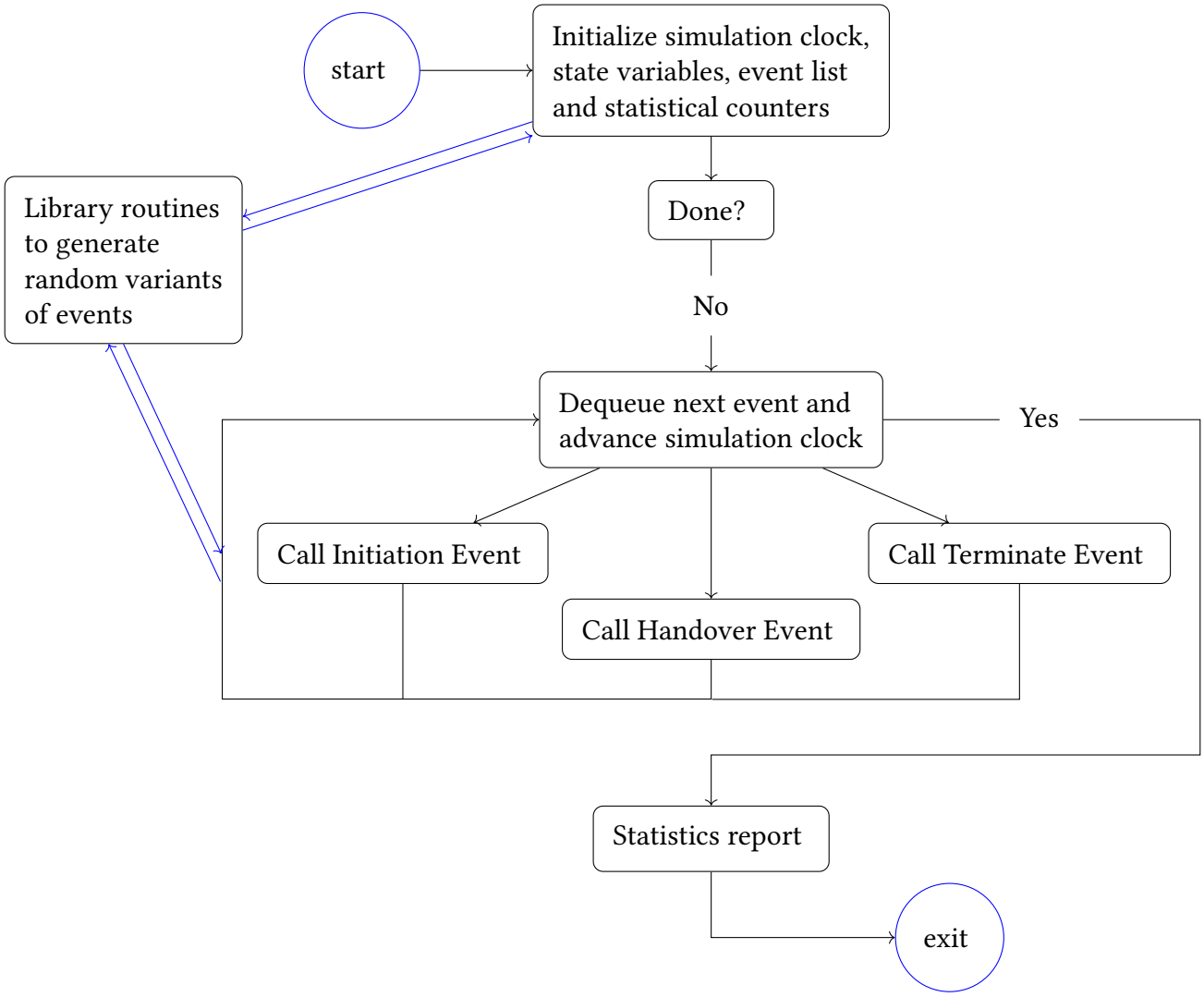
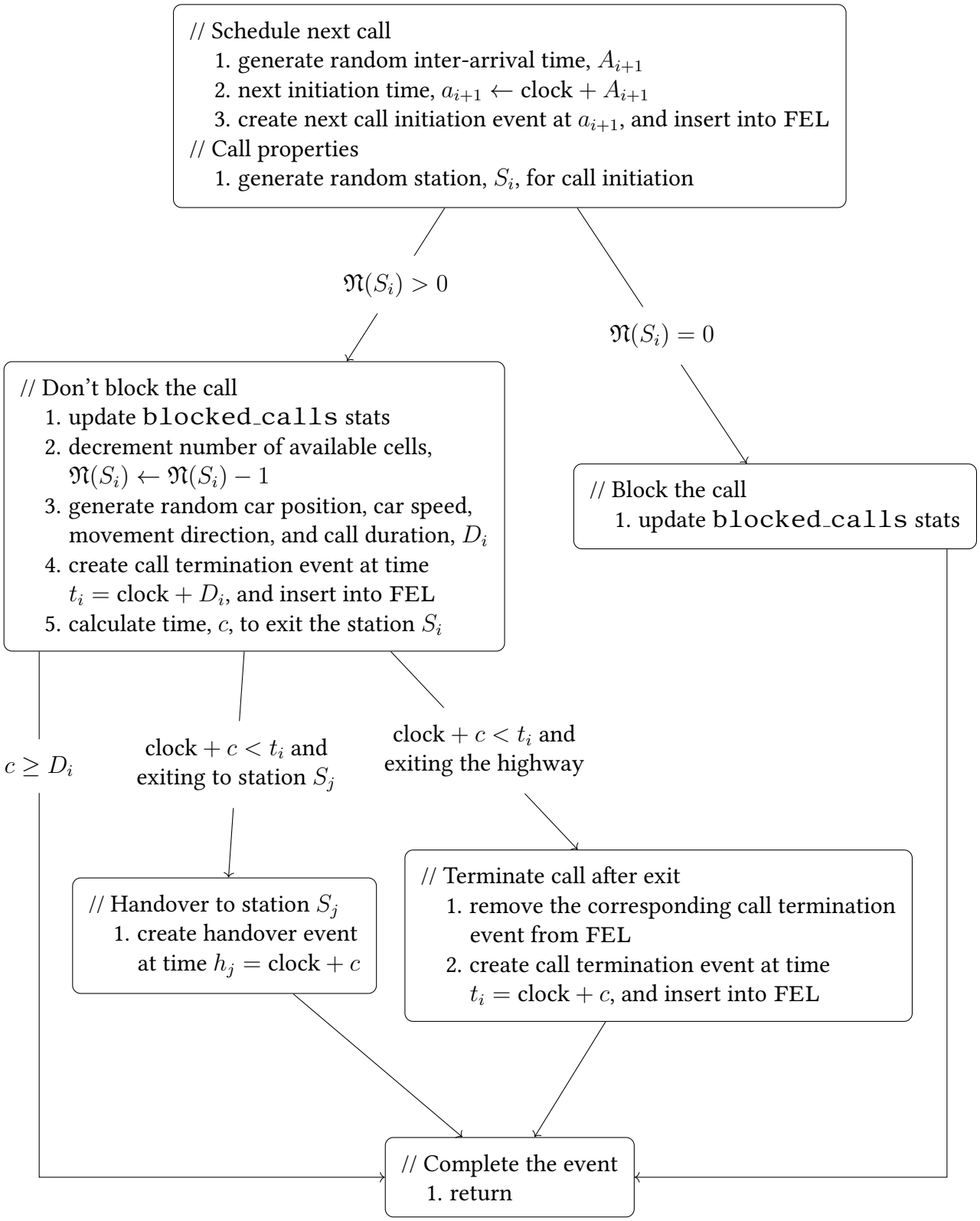
Flow Chart



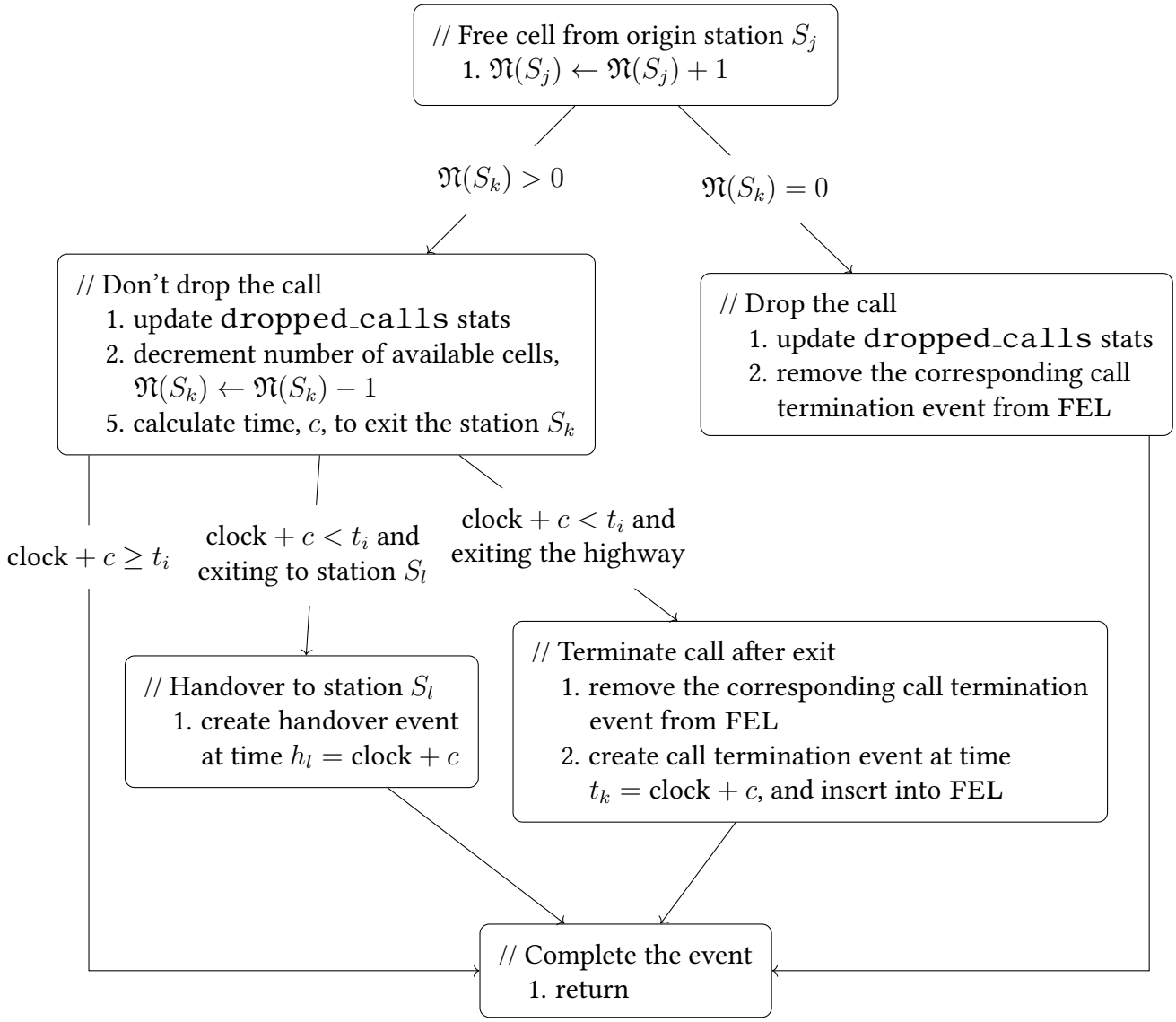
Initialization

1. Set clock to zero, clock $= 0$
2. Set initial state:
   (a) for each station, $A, B, \ldots, T$, set available number of cells,
   $$\mathfrak{N}(A) = \mathfrak{N}(B) = \ldots = \mathfrak{N}(T) = 10$$
   (b) initialize an empty *Future Events List*, FEL
3. Initialize the simulation by generating the 1st call initialization event:
   (a) generate random inter-arrival time, A_1
   (b) 1st call initiation time, $a_1 \leftarrow 0 + A_1$
   (c) create the 1st call initiation event at time a_1 and insert into FEL
4. Set zero stat counters:
   (a) `blocked_calls`
   (b) `dropped_calls`

Call Initiation Event



Call Handover Event



Call Termination Event