

State Table for the Reservation Process

State	Event 1 (input details)	Event 2 (check availability)	Event 3 (slot available)	Event 4 (slot not available)
S1: start	S2 (gather reservation details)	-	-	-
S2: gather reservation details	-	S3 (check availability)	-	-
S3: check slot availability	-	-	S4 (reservation made)	S5 (reservation failed)
S4: reservation made	-	-	-	-
S5: reservation failed	S2 (gather reservation details for retry)	-	-	-

- invalid or Null transitions are represented as -

State Transition Diagram for the Reservation Process

