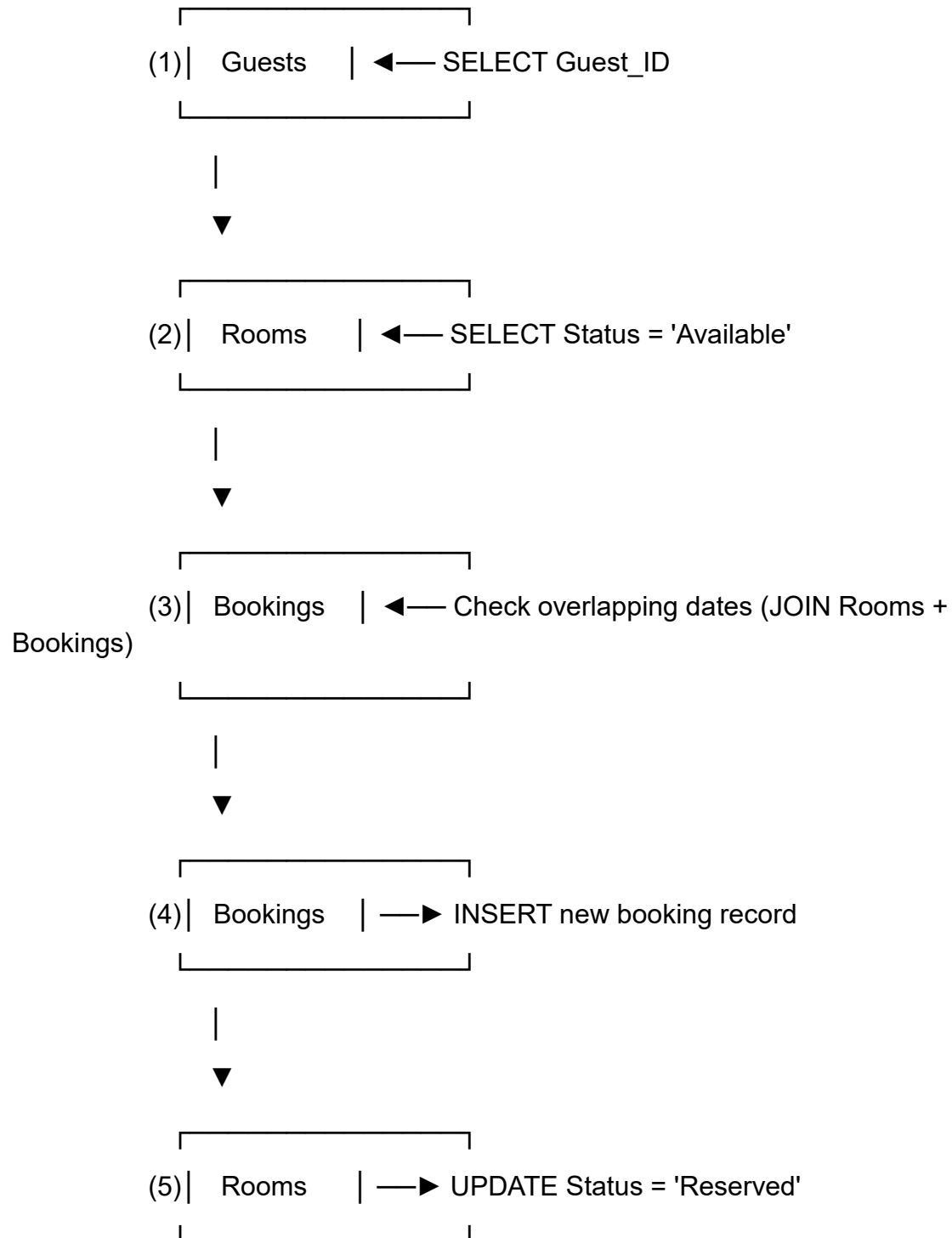


Transaction 1 – Create New Booking



Transaction 2 – Guest Check-In

(1) | Bookings | \leftarrow SELECT Booking (Status = 'Confirmed')

|



(2) | Rooms | \leftarrow JOIN to verify room

|



(3) | Payments | \leftarrow SUM(Amount) \geq Total_Price ?

|



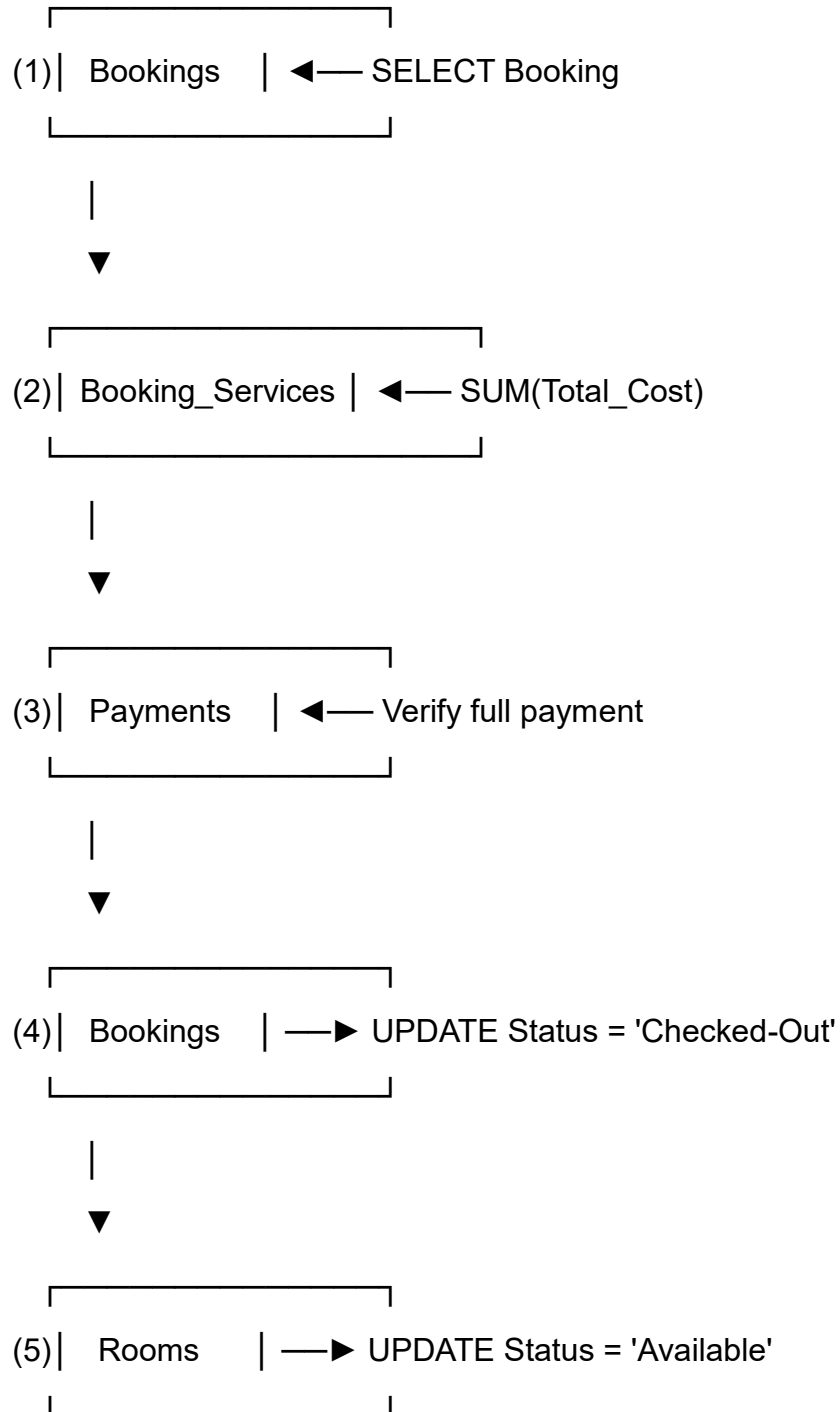
(4) | Bookings | \rightarrow UPDATE Status = 'Checked-In'

|

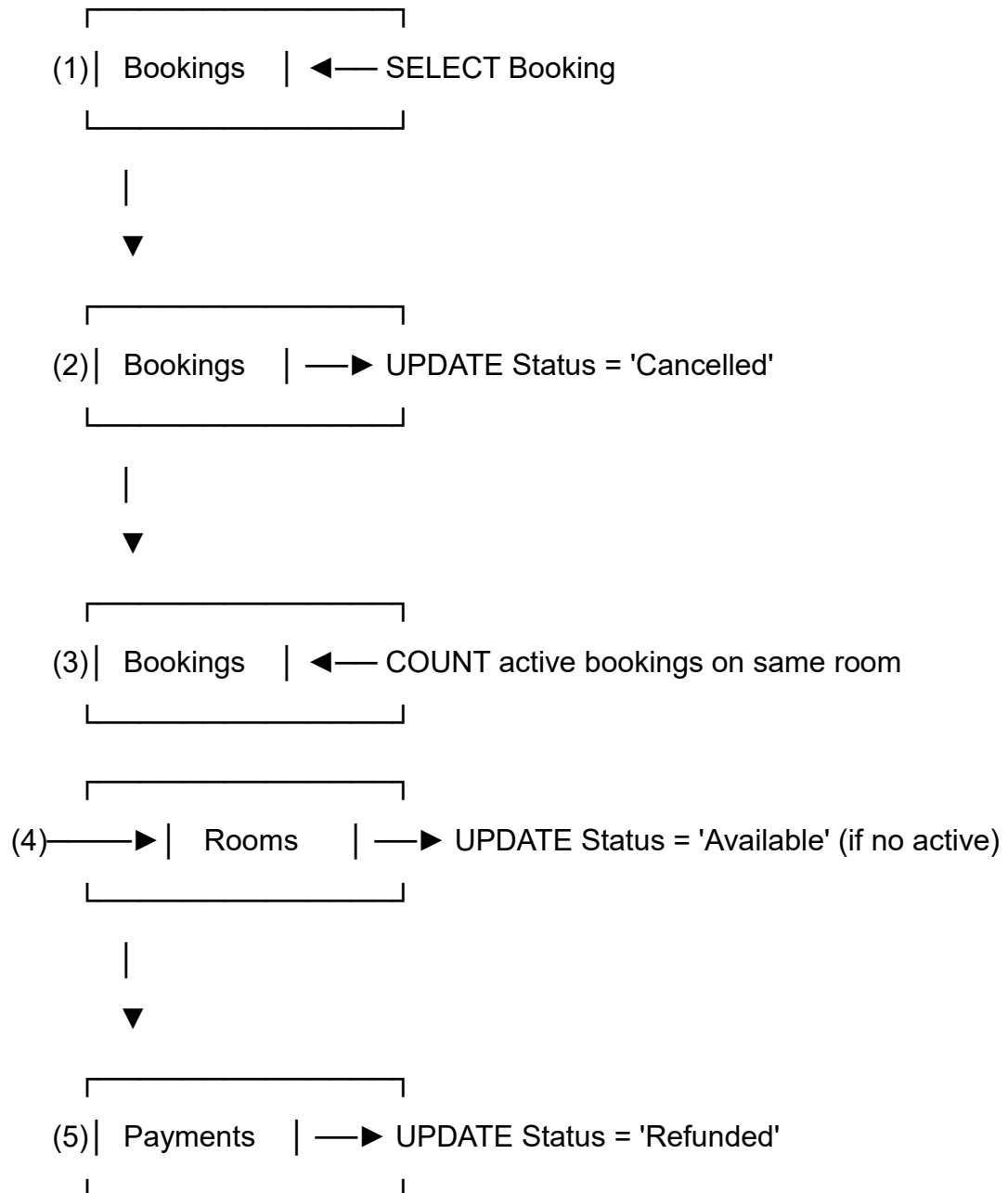


(5) | Rooms | \rightarrow UPDATE Status = 'Occupied'

Transaction 3 – Guest Check-Out



Transaction 4 – Cancel Booking



Transaction 5 – Add Extra Service to Booking

(1) | Bookings | ← SELECT Booking



(2) | Services | ← SELECT Service details

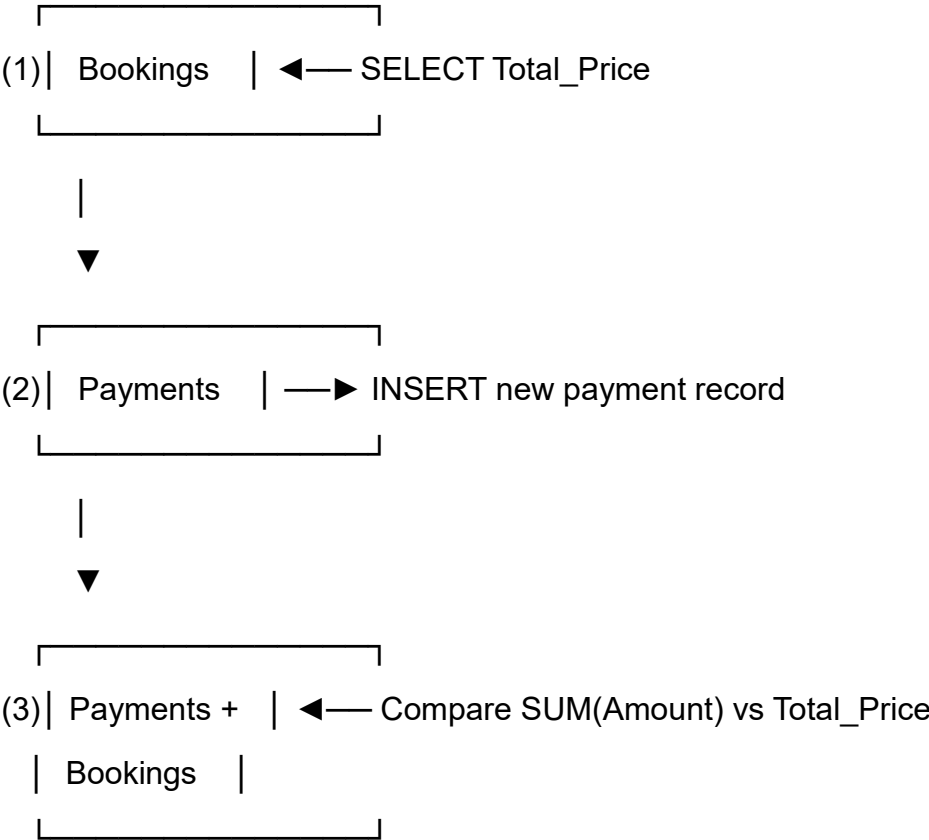


(3) | Booking_Services | → INSERT new service record



(4) | Bookings | → UPDATE Total_Price = Total_Price + cost

Transaction 6 – Process Payment



Transaction 7 – Update Room Status

