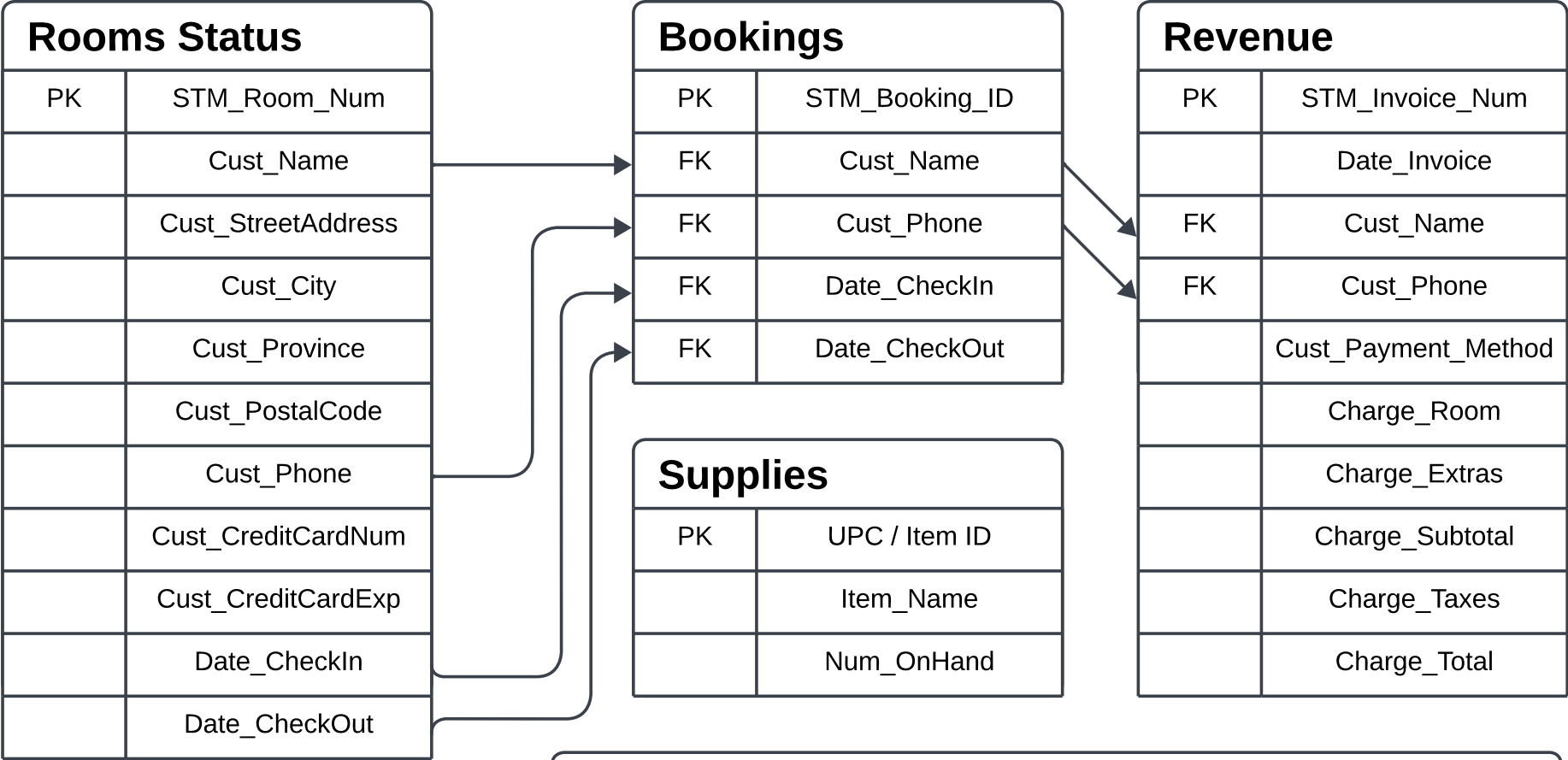


# QAP 04 - SD 12 - Group 6: ERD

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Defaults - STDef.dat
STM_Invoice_Num
Rate_Room
Rate_HST
Rate_EarlyCheckIn
Rate_ExtraBed
Rate_ExtraKey
Rate_LateCheckOut

## Changes That Could be Made

The ERD could be improved by revamping how information is stored. we would add a customer table to hold customer-specific data. This would make the room status table much cleaner and avoid many empty values. Instead of the customer name, the room status would indicate if a room is occupied, vacant, under maintenance, or being cleaned.

We would also add a supplies transaction table to track supplies, storing a list of products in and out and their associated monthly costs. This would greatly help with long-term planning

The bookings table would benefit from a boolean or counter for extras charged during the stay. This would provide a clear record of additional charges applied during a customer's stay.

Finally, check-in and check-out dates should be moved to the booking table, as room status should reflect the current state, and the booking table should hold long-term booking data.