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Subject: DBSL

Roll No. 31118

Date: 20-Aug-2021

Assignment No: 01

Title: ER Modeling & Normalization

Problem statement:

Decide a case study related to real time application in a group of 2-3 students & formulate a problem statement for application to be developed. Propose a conceptual design using ER features using tools like ERD plus, ER win etc. (Identifying entities, relationships b/w entities, attributes, keys, cardinalities, generalization, specialization etc). Convert the ER diagram into relational tables & normalize relational data model.

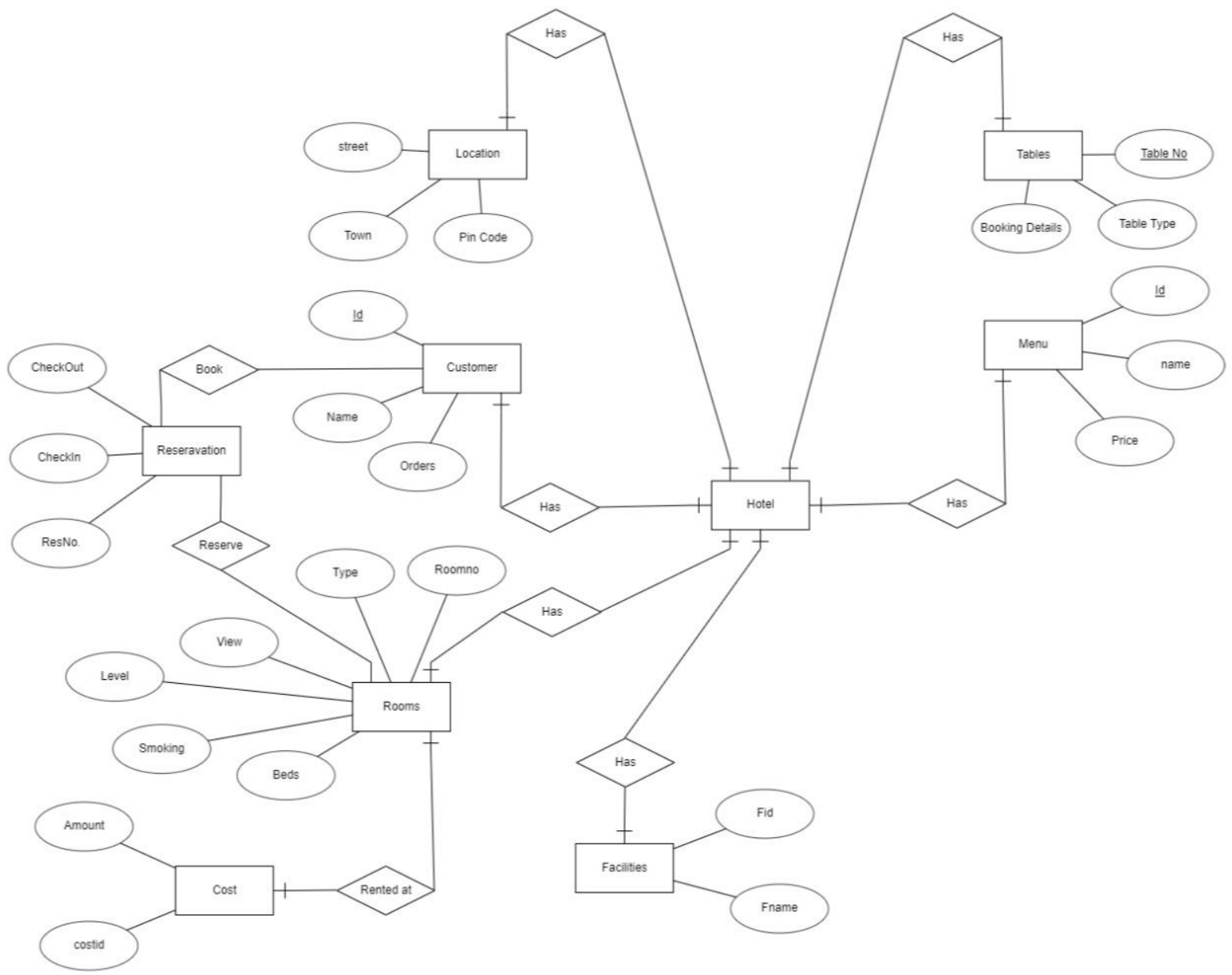
Objectives:

- 1> Data Modeling
- 2> converting ERD to table
- 3> Explore ERD tools

ER Diagram:

\* Case Study Topic:  
Hotel Management System.





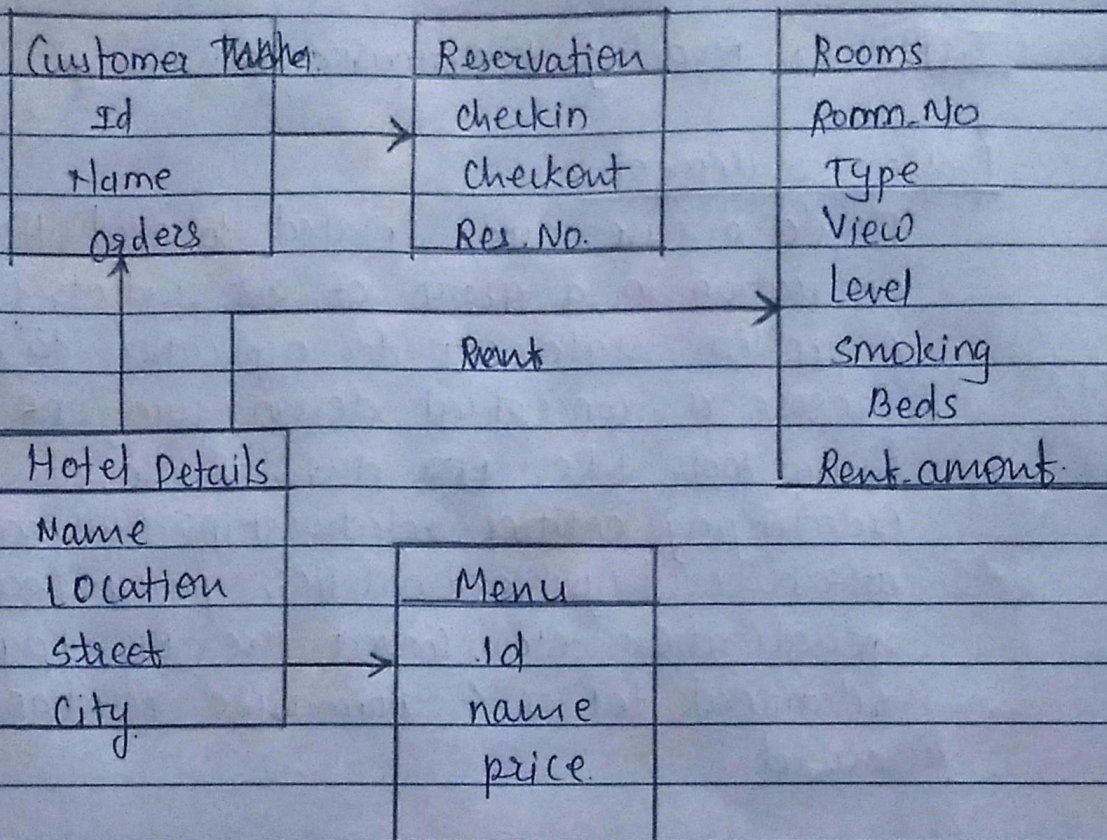


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PICT, PUNE

tables:

Conclusion:

I learned creation & of ERD diagram Also converted it to the table. During whole assignment I explored various ERD tools.