

# Ahsanullah University of Science and Technology

Department of Computer Science and Engineering



**Project Name: Hotel Room Booking Management System**

**Couse Name: Database Lab**

**Couse ID: CSE 3104**

**Semester: Spring 2022**

**Name: Md Abdulla Walid Riaz      ID: 20200104014**

**Name: Asaduzzaman Rayhan      ID: 20200104015**

**Name: Nusaiba Rafiq Surovi      ID: 20200104011**

**Name: Zarin Tasnim      ID: 20200104007**

Database Tables:

**Table 01: Management System**

Field	Type	Constraint
Staff ID	Int	F. K
Customer ID	Int	P. K
Room No	Int	Not Null

**Table 02: Payment Methods**

Field	Type	Constraint
Cash	Varchar (10)	Not Null
Vat & discount offer	Varchar (10)	Not Null
card	Varchar (10)	Not Null
Online system	Varchar (10)	Not Null

**Table 03: Customer**

Field	Type	Constraint
ID	Int	P. K
Name	Varchar (30)	Not Null
Gender	Varchar (10)	Not Null

**Table 04: Room**

Field	Type	Constraint
Room No	Int	Not Null
Floor No	Int	Not Null
Room type	Varchar (20)	Not Null

**Table 05: Staff Details**

Field	Type	Constraint
ID	Int	P. K
Educational Qualification	Varchar (50)	Not Null
Shift time	Varchar (50)	Not Null
age	Int	Not Null
Gender	Varchar (20)	Not Null

**Table 06: Switch Board**

Field	Type	Constraint
Customer List	Varchar (50)	Not Null
Room List	Varchar (50)	Not Null
Room Availability	Varchar (50)	Not Null
Payment Method	Varchar (50)	Not Null
Check in-Check out	Varchar (50)	Not Null
Total cost	Varchar (30)	Not Null

Total Online Payment	Varchar (30)	Not Null
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