

Hostel Management System

Database Design Document

By Group 28

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AGENDA

Introduction

ER Model

Conceptual Schema

Database Description



INTRODUCTION

Software Overview

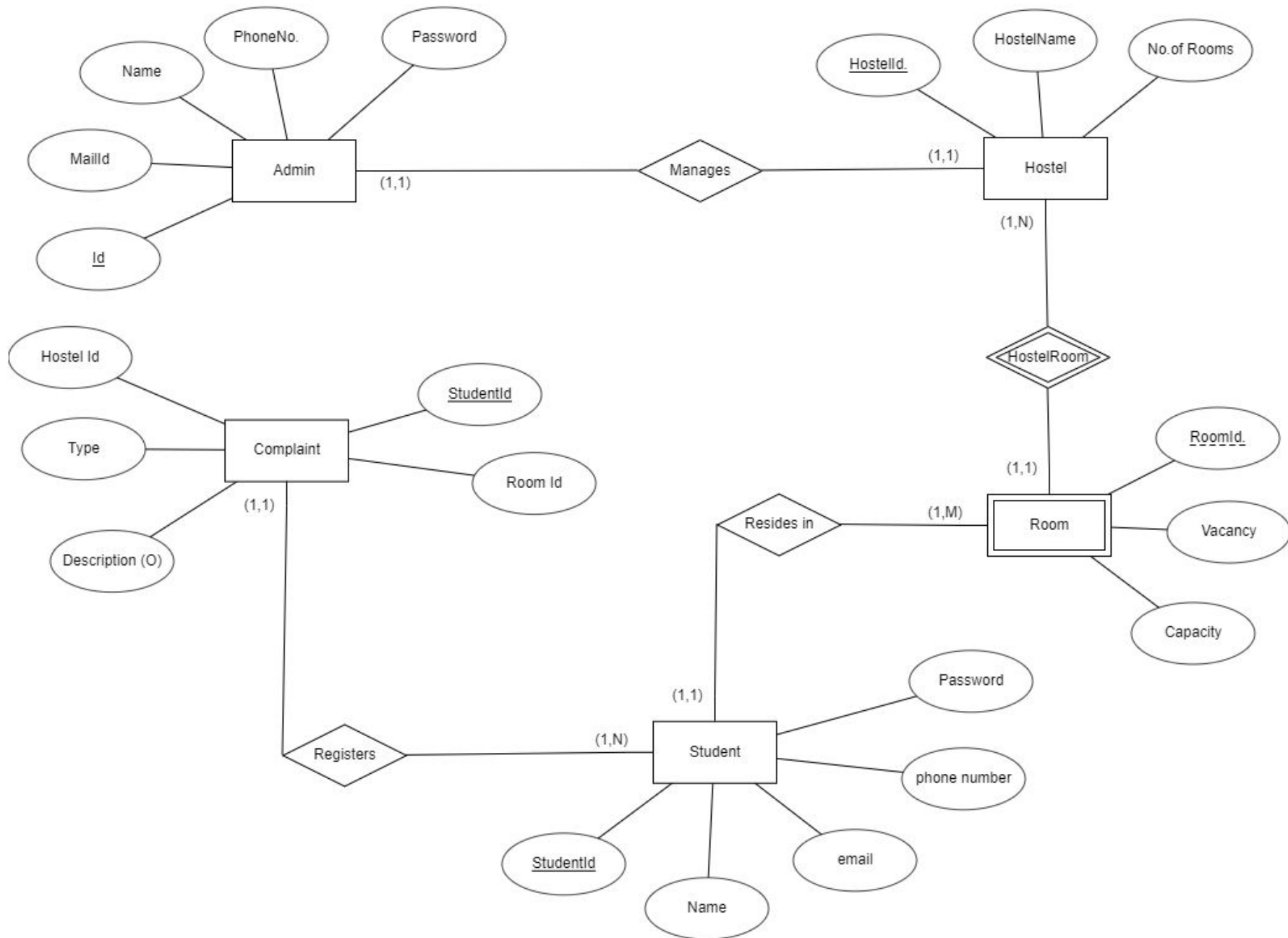
Interactive Web application for managing hostels which receives complaints and room request forms from students. So that hostel admin can automatically allocate room, receive complaints and resolve them.

Admin can sort out the complaints by roomid and hostelid.



ER MODEL

LET'S DIVE IN





Conceptual Schema

LET'S DIVE IN

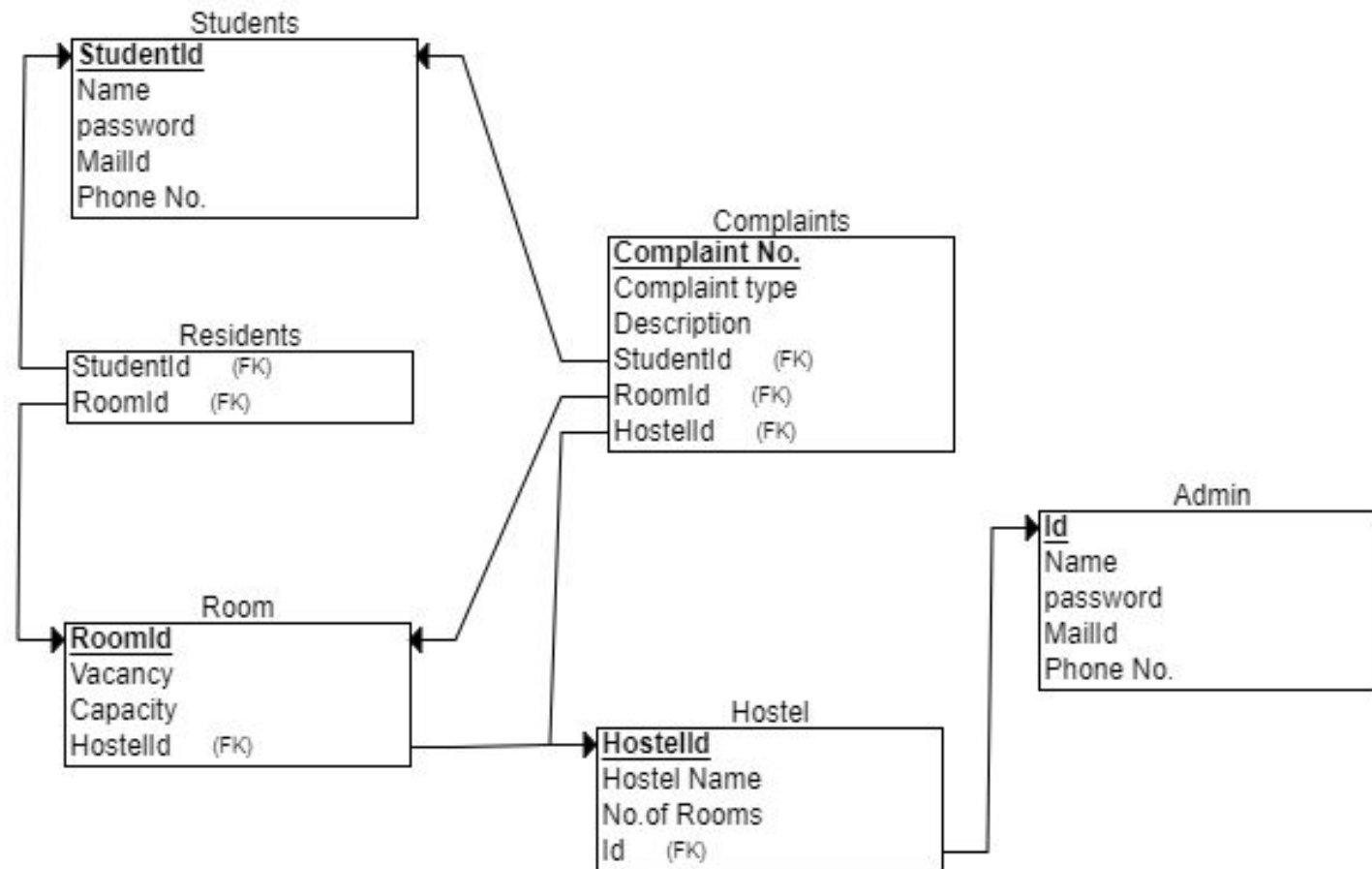


Table Name	Attributes	Data Type	Type
Student	Student.Id	String	Primary Key Attribute
	Student name	String	Non Primary Key Attribute
	Password	String	Non Primary Key Attribute
	Mail id	String	Non Primary key
	Phone number	Long int	Non primary key

Table Name	Attributes	Data Type	Type
Admin	Admin.Id	String	Primary Key Attribute
	Admin name	String	Non Primary Key Attribute
	Password	String	Non Primary Key Attribute
	Mail.Id	String	Non Primary Key Attribute
	Phone No.	Long int	Non Primary Key Attribute

Table Name	Attributes	Data Type	Type
Hostel	HostelId.	string	Primary Key Attribute
	Hostel name	string	Non Primary Key Attribute
	No.of Rooms	Integer	Non Primary Key Attribute
	Admin Id	string	Foreign Key Attribute

Table Name	Attributes	Data Type	Type
Room	Roomid.	string	Primary Key Attribute
	Vacancy	Integer	Non Primary Key Attribute
	Capacity	Integer	Non Primary Key Attribute
	Hostel id	string	Foreign key Attribute

Table Name	Attributes	Data Type	Type
Residence	Roomid.	string	Foreign Key Attribute
	Student Id	string	Foreign Key Attribute

Table Name	Attributes	Data Type	Type
Complaint	Complaint Id	String	Primary Key Attribute
	Complaint type	String	Non Primary Key Attribute
	Description	String	Non Primary Key Attribute
	Student id	String	Foreign Key Attribute
	Room id	String	Foreign Key Attribute
	Hostel id	String	Foreign Key Attribute



THANK YOU