Hotel Management

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A Project presentation on

- **Hotel Management System**

Submit To

Acharya Moti Bhai Patel Institute of Computer Studies
Ganpat University Kherva-384012

Guide By – Prof. Prachi Maniyar

About Organization

Company Name	Sun-Rais
Establish At	23 march 2020
Address	Mehsana
Owner	Miss Sarah and Mr. Mahir
Contact Us	9328782031,8469255601

Project Profile

Project Name	Hotel Management
Objective :-	To provide online hotel room booking
Front End Tool :-	CSS ,Java script
Back End Tool :-	MYSQL
Framework :-	php
Editor :-	Visual Studio code
Application :-	Website
Team member :-	Sarah Chauhan (E.NO- 2103221025) Mr. Mahir (E.NO- 2103221048)
Internal Guide :-	Prof. Prachi Maniyar

Existing System

 Totally manual work.

 Online room booking is not possible.

 Time consuming.

 Each an every entry has to be search manually via register.

Need for new system

- The new system is computerized system.

- Easy response and offer facility.

- To provide online room booking.

- Time saving.

System Requirement(Server Side)

Hardware (Minimum)

- Processor :- Intel 5
- Ram :- 4GB
- Hard-disk :- 50GB

Software

- Framework :- php
- Database System :- MySQL
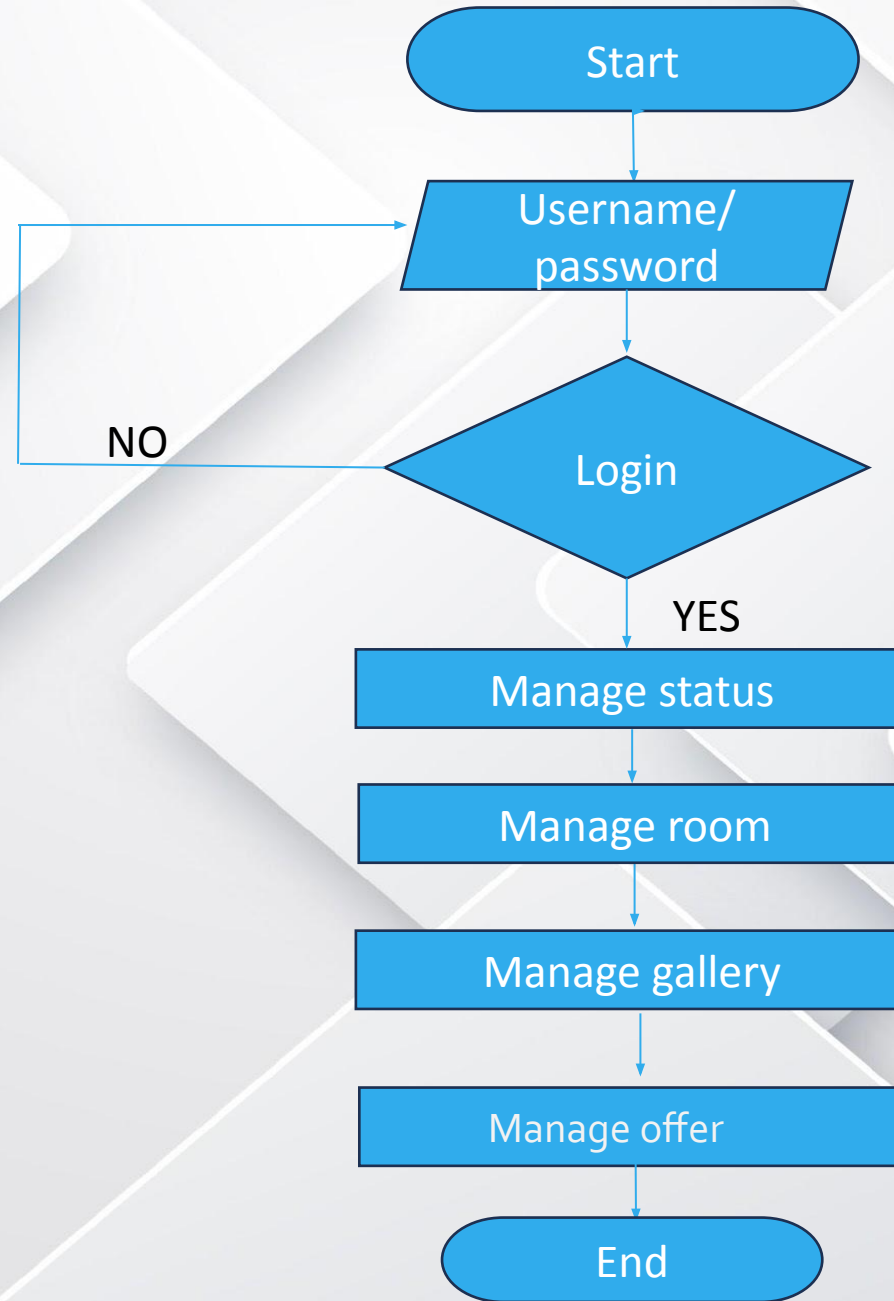- Operating system :- Windows

System requirement(client side)

Hardware (Minimum)

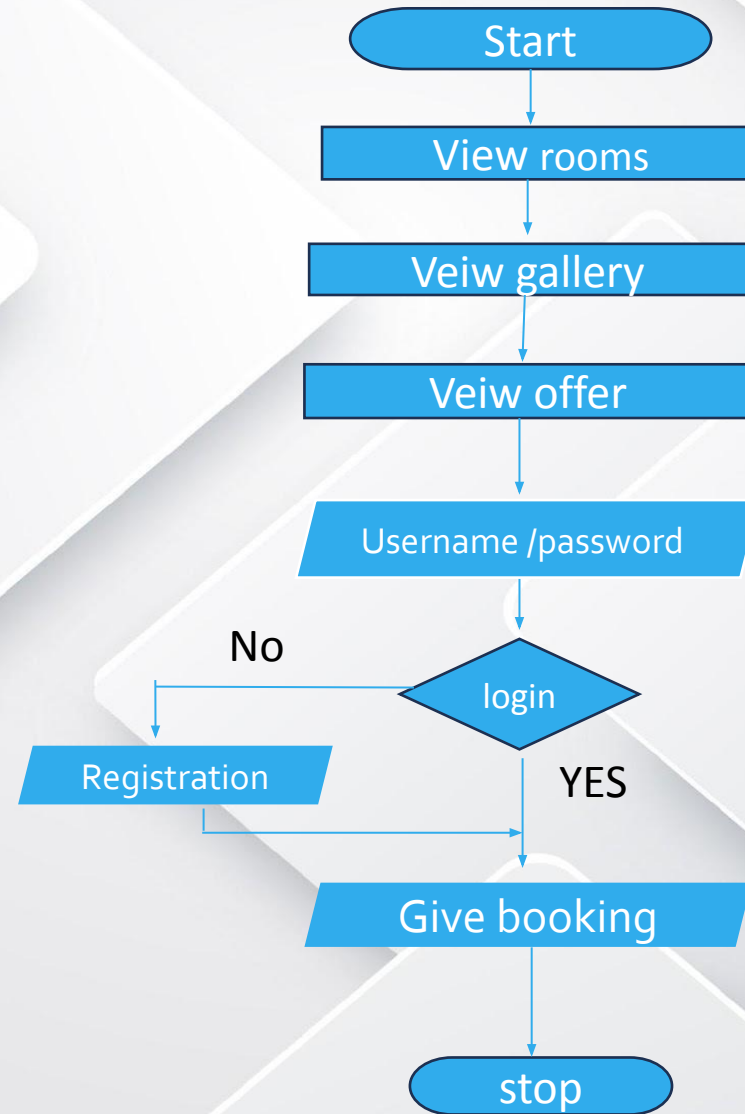 Processor :- Intel 5
 Ram :- 2GB
 Hard-disk :- 50GB

Software

 Browser :- Chrome and any compatible Browser
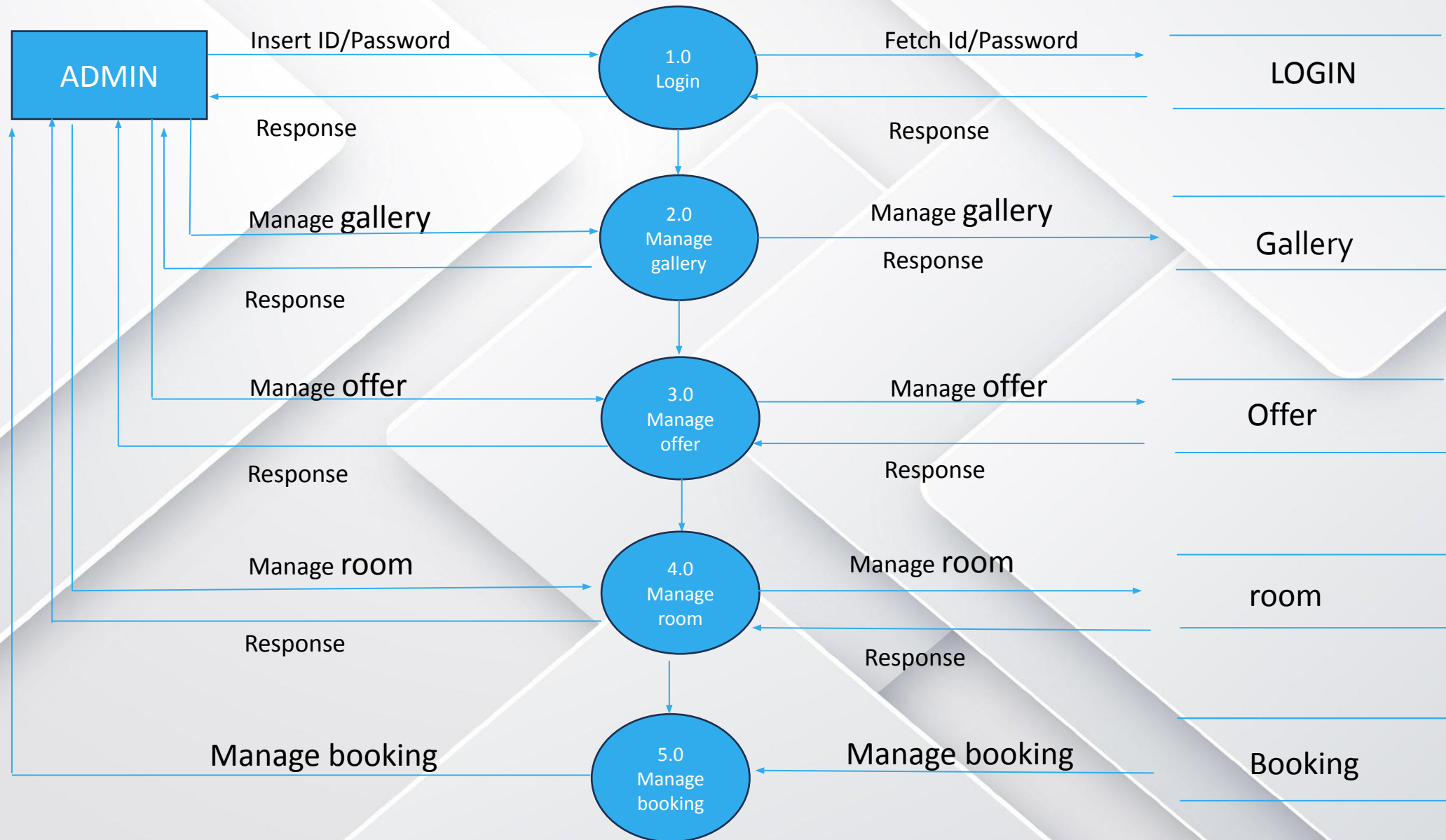 Operating System :- Windows and any compatible OS
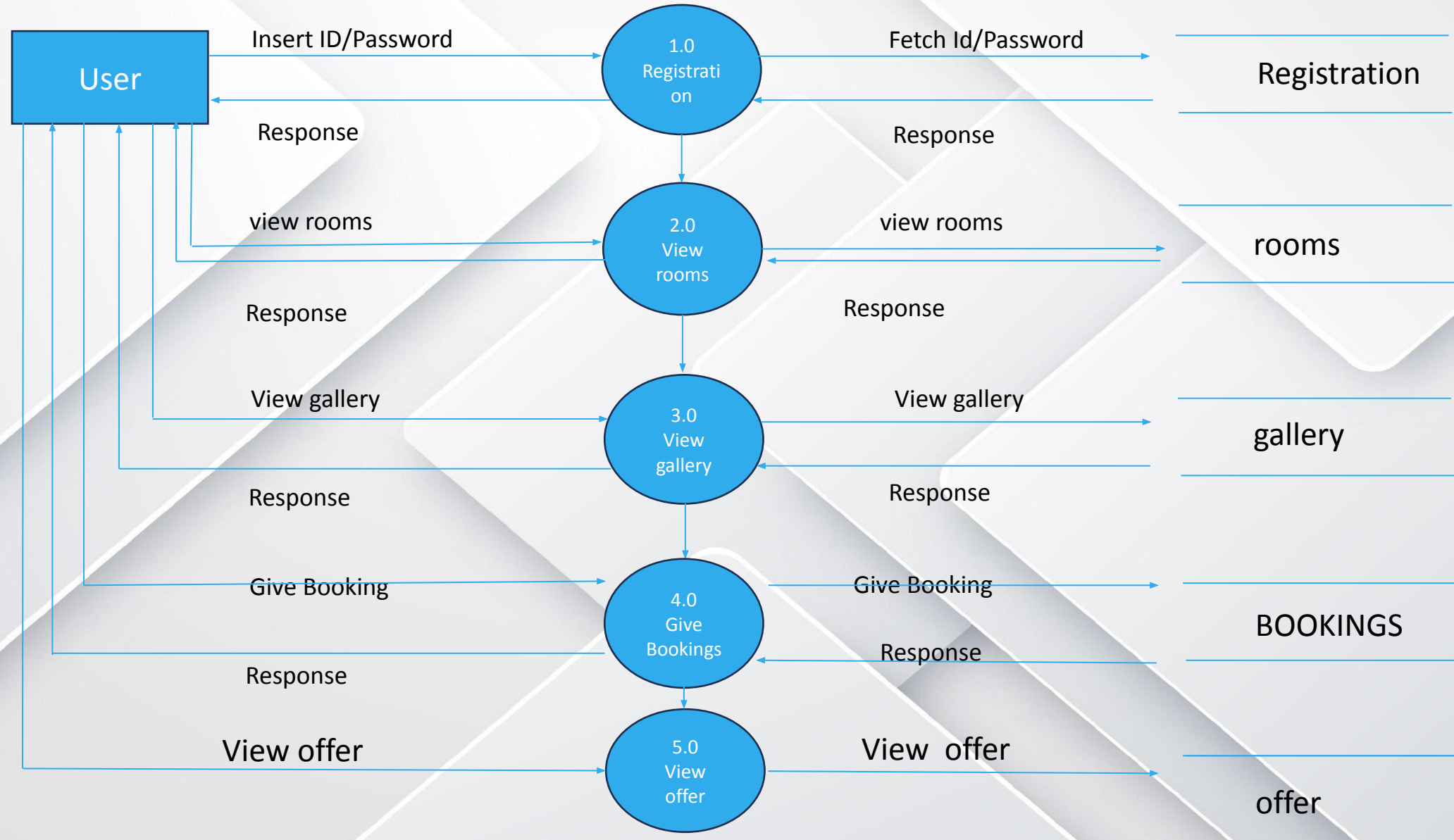
Flow chart (admin)

Flow Chart (User)

Start

View rooms

Veiw gallery

Veiw offer

Username /password

No

login

Registration

YES

Give booking

stop

First Level DFD for Admin

First Level DFD for User

User

Insert ID/Password →	1.0 Registration
← Response	

Fetch Id/Password → **Registration**
← Response

view rooms →	2.0 View rooms
← Response	

view rooms → **rooms**
← Response

View gallery →	3.0 View gallery
← Response	

View gallery → **gallery**
← Response

Give Booking →	4.0 Give Bookings
← Response	

Give Booking → **BOOKINGS**
← Response

View offer →	5.0 View offer

View offer → **offer**

E-R Diagram
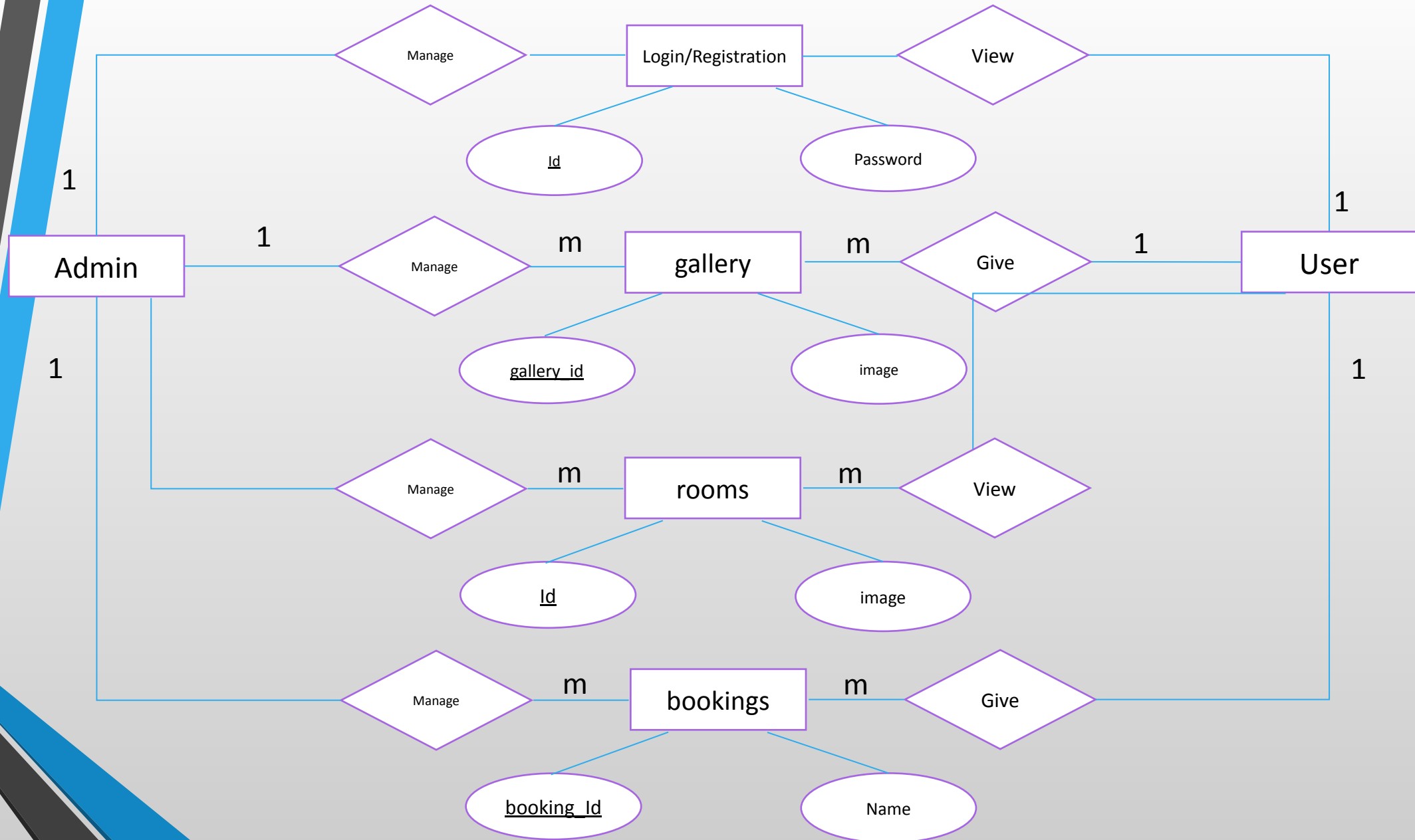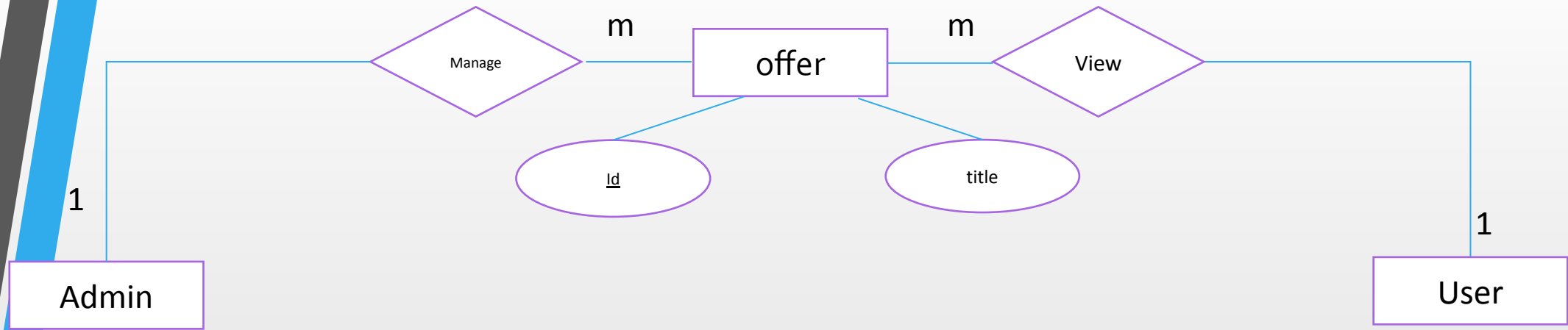
Data dictionary

No.	Table name
1.	Login (Admin) / Registration
2.	Gallery
3.	Room
4.	Booking
5.	offer

Login (Admin) Table

No.	Field name	Data type	Constraint	Description
1.	Id	int	Primary Key	Id info
2.	Name	char(30)	Not null	Name info
3.	Password	Varchar(30)	Not null	Password info

REGISTRATION TABLE

No.	Field	Data type	Constraint	Description
1.	Booking_id	int	Primary key	Booking id info
2.	Fname	Char(20)	Not null	Name info
3.	Lname	Char(20)	Not null	Name info
4.	Email	Varchar(50)	Not null	Email info
5.	city	Varchar(30)	Not null	City info
6.	Number	int(10)	Not null	Number info
7.	Password	Int(10)	Not null	password info

Galery table

No.	Field	Data type	Constraint	Description
1.	Description	char(20)	unsigned	Discription info
2.	image	char(15)	Not null	image info

Room table

No.	Field	Data type	Constraint	Description
1.	Id	Int(20)	unsigned	Id info
2.	Type	char(15)	Not null	Discription info
3.	Price	int(10)	Not null	Price info

Booking Table

No.	Field	Data type	Constraint	Description
1.	id	int(11)	forieng key	id info
2.	name	char(30)	Not null	name info
3.	address	Varchar(30)	Not null	Address info
4.	city	char(30)	Not null	city info
5.	cauntry	char(30)	Not null	cauntry info
6.	room	int(11)	Not null	room info
7.	food	char(30)	Not null	Food info
8.	Check in	Date	Not null	Check in info
9.	Check out	Date	Not null	Check out info
10.	payment	Int(20)	Not null	payment info

Offer table

No.	Field	Data type	Constraint	Description
1.	Id	int(15)	Not null	Id info
2.	Name	char(15)	Not null	name info
3.	discription	char(20)	Not null	Discription info

Process Description

- The project named "HOTEL MANAGEMENT" is about Room Booking system.
- Admin handle all task of the Hotel and also handle Hotel details in the website.
- So there are mainly two users of the system.

  - **ADMIN**
  - **USER**

- **Admin** has full control over the system , Admin can manage all over the system.
- Such as maintain the Registration, view Form, etc.

- **user** is able to Book the Room and also view the Hotel information and Images.

Process-Algorithm

Admin Process Algorithm

Step 1. Start

Step 2. Enter Admin_id and Password.

Step 3. Check Login valid or not if not then go to **step 1.** else go to next step.

Step 4. Manage gallery

Step 5. Manage room details.

Step 6.manage offer

Step 7. Stop

User Process Algorithm

Step 1. Start
Step 2. View Hotel Information and gallery.
Step 3. View room.
Step 4. View gallery.
Step 5. View offer.
Step 6.give booking.
Step 7. Stop

Input-Design (ADMIN)

Login

status

Booking

ADMIN

- Status
- News Letters
- Room Booking
- Payment
- Profit
- Logout

Status Room Booking

New Room Bookings ❶

#	Name	Email	Country	Room	Bedding	Meal	Check In	Check Out	Status	More
3	kartik goswami	mahir123@gmail.com	India	Superior Room	Double	Full Board	2024-03-26	2024-03-27	Not Conform	Action

Booked Rooms ⓪

Followers ⓪

rooms

Input-Design (USER)

Home

info@sunrise.com   +91 9999988888

SUN RISE
YOUR DREAMY RESORT

HOME   ABOUT   GALLERY   ROOMS   CONTACT US

SUN RISE
STAY WITH FRIENDS & FAMILIES
COME & ENJOY PRECIOUS MOMENT WITH US

LEARN MORE

Booking

RESERVATION

PERSONAL INFORMATION

Title*

Mr.

First Name

kartik

Last Name

goswami

Email

mahir123@gmail.com

Nationality* ● indian ○ Non indian

Passport Country*

India

Phone Number

6376809876

RESERVATION INFORMATION

Type Of Room *

SUPERIOR ROOM

Bedding Type

Double

No.of Rooms *

1

Meal Plan

Full Board

Check-In

26-03-2024

Check-Out

27-03-2024

Gallery

TESTING

We have use following method for testing the system.

- **Specification Testing :-**
  - The specification testing is what program does in some various condition is.
  - we check this system to give wrong username ,password, wrong data then system display message for input correct data.

- **Code Testing:-**
  - The code testing is examining the logic of program.
  - we have testing all path of program, path means to specific combination of condition that handle by program.

- **Unit Testing:-**
  - Unit testing is focused on verifying small portion of functionality. Unit testing is important part where each module and process of application is to be test by possible input sets and desired output.
  - we have check different type of modules like admin module, Visitor module etc.

Post-Implementation Review

After the system is implemented and conversion is complete, user usually conducts a review of the system.

- In this system all Requirements are fulfills.
- The Admin can easily delete the record in efficient way.
- This system is user-friendly and easily understand.
- The performance level of users has improved.
- The new system needs less manpower, provides information at Time & saves data for document management.

Future Enhancement

Some are the expansion which we have thought of are:

- Try for to make system more user friendly.

- Improve search Facility.

- Admin can gives facility to the visitor which can see the status about organization's all information.

<u>Bibliography</u>

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- www.getbootstrap.com
- www.tutorialspoint.com