



# **New Art's Commerce And Science College Ahmednagar-414001**

## **Department Of Computer Science Farm House Management System**

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**Sem-I**

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# Contents

- Project Introduction
- Need of the system
- Scope of the system
- Fact Finding Technique
- **Feasibility Study**
- Requirement of the system
- Flow Diagram/Flow chart
- Entity Relationship Diagram
- Use case Diagrams
- Data Dictionary
- Screen layouts
- Reports
- Limitations & future Enhancements

# Project Introduction

## **Farm House Management System**

- The aim of the project is to develop only for farm house banglos security purposes and a system that automates the processes.
- The purpose is to design a system using which Security guards can perform certain operations related to entries of people any update for Bangalow's owner

# Need of the system

- In the traditional system a customer has to approach to find details of places and to book banglow's, our system automates this work.
- In the traditional system it often requires a lot of time and effort, this system saves time and efforts
- In a traditional system, a customer may not get the desired information from the offices, and often the customer may be misguided. But with our system in place, customers will get correct information and support.

# Scope of the system

- The proposed system is a web based Website and maintains a centralized repository of all related information.
- The system allows one to easily access the relevant information and make necessary travel arrangements.
- Users can decide about places they want to visit and make bookings online for travel.
- Our system has a user friendly interface.

- The proposed system is designed by taking into considerations the all limitations of the manual system. The existing manual system has many requirements suggested by the user.
- It is designed in such a way that it can hold all the information that the user needed for the data processing and to generate various reports as per the requisition.

The major advantages of the proposed system over the manual system are as follows-

- I. Time saving.
- II. Rapid information processing.
- III. Accurate report generation.
- IV. Less manual work.
- V. Fast and reliable system.

# FACT FINDING TECHNIQUE

*To study the system we need to collect facts. The specific methods used for collecting data is called fact finding techniques.*

*Different fact finding techniques are:*

## **1. Interview Technique**

*The interview technique help us to get the required information from the individual of the organization by proper investigation about the process followed for the system development*

## **2. Observation Technique**

*Through observation we can obtain firsthand information about how activities are carried out. Observation helps us in finding and collecting information that cannot be obtain by any other fact finding method*

## **3. Record Review Techniques**

*In record review, we get the information that has been recorded about the system and customer*

# **FEASIBILITY STUDY**

Designing of any system includes first step, which is preliminary investigation. It is important and essential part on which whole system depends. Study of preliminary investigation is done through different types of feasibility studies.

The different types of feasibility studies which are carried out during the project development are as follows.

- **Technical Feasibility:-**

If considers if it is possible to develop a system on available hardware, software and manpower it takes into consideration cost of hardware, software and technical equipment to see if the proposed system is technically feasible or not. Our system is going to reduce the 85% manual work.

- **Operational Feasibility:-**

The system will be used if it is developed and implemented training of user actual place of implementation and expenses of training program are considered to see if it is operationally feasible for the organization it is carried by small number of people familiar to information system techniques are rules of business organization the person must be skilled and experienced in system analysis and design process.

- **Economical Feasibility: -**

As development is done in house so cost of the development is very less. An application is GUI, so the cost of the learning curve minimum.

The user of online voting system can give his vote while staying at home, so it save travelling cost and the organization which using this system need not to maintain extra staff so the system is economically feasible.



# Requirement of the system

## **Operating System**

- Windows
- Linux
- Mac

## **Web Browser**

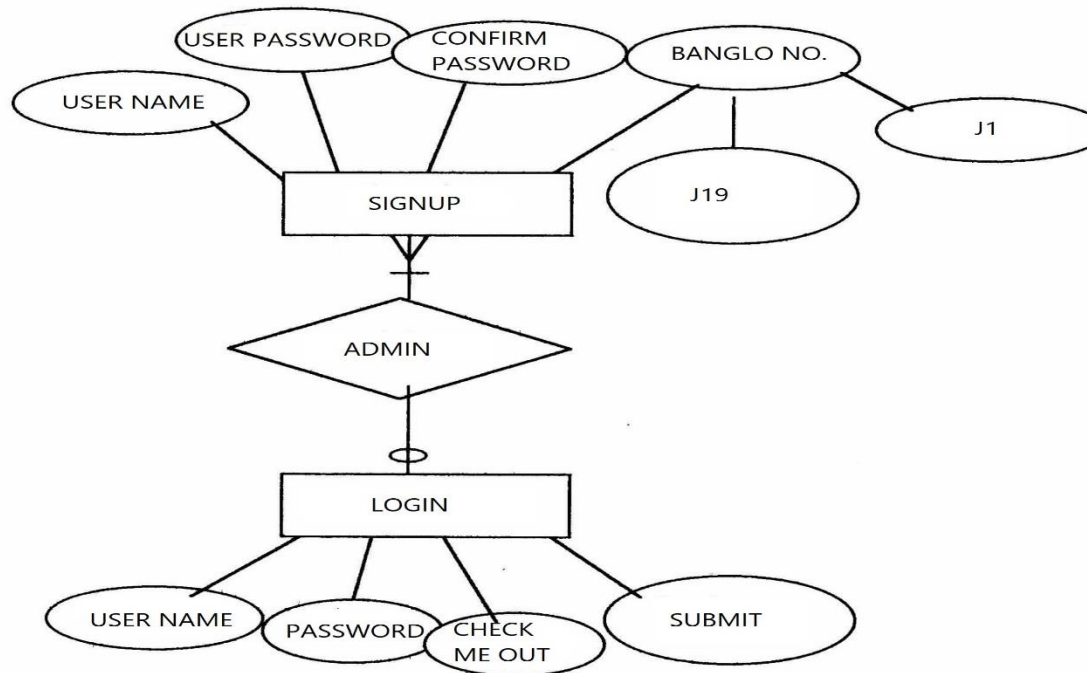
- Mozilla Firefox
- Google chrome
- Safari
- 

## **ON SERVER SIDE:**

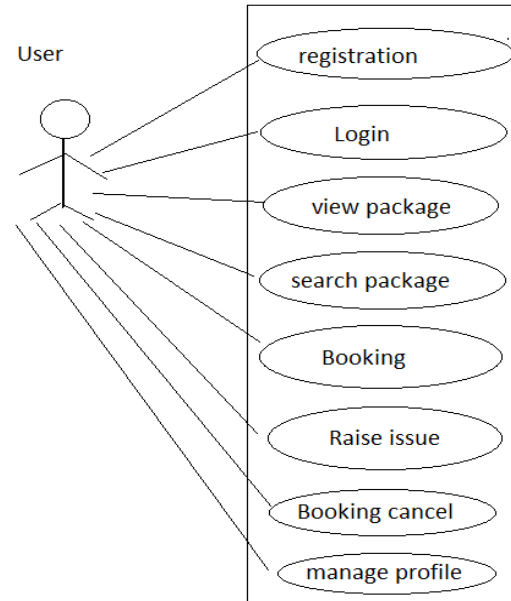
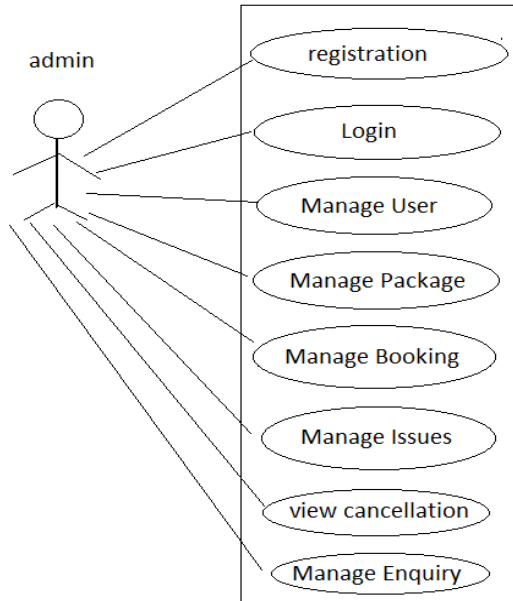
- Web Server(Apache)
- PHP
- MySQL

Any device having any search engine and internet connectivity.

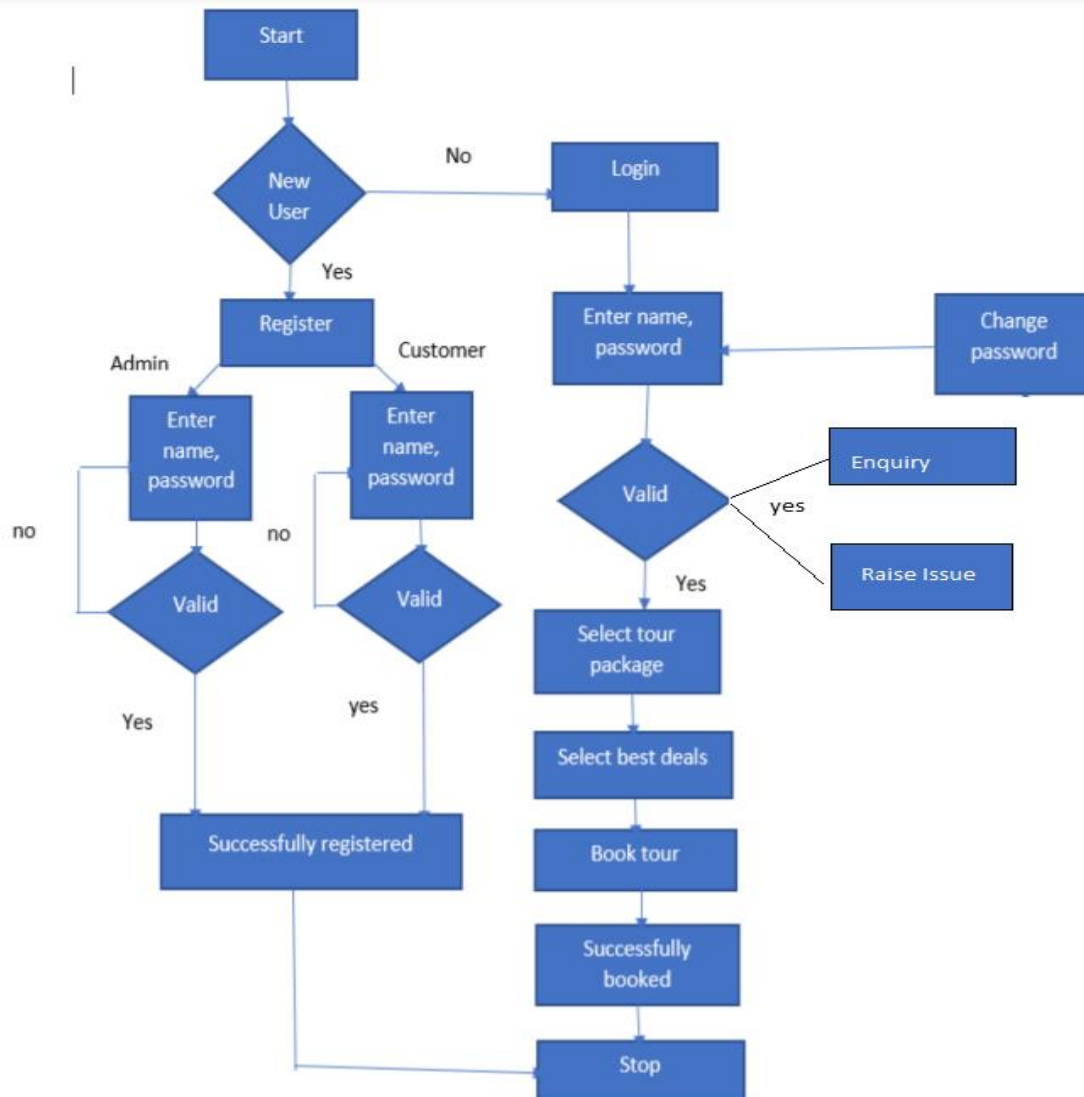
# Entity Relationship diagram



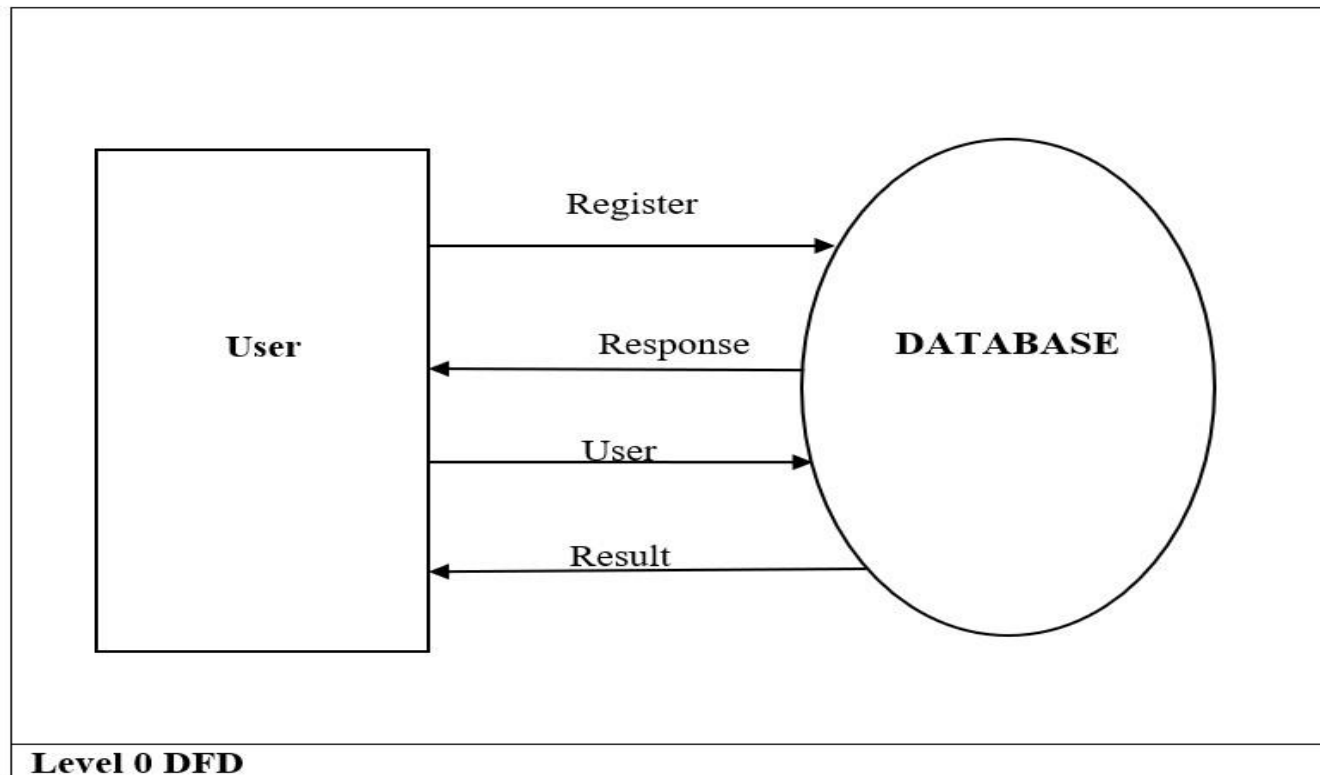
# USE CASE DIAGRAMS



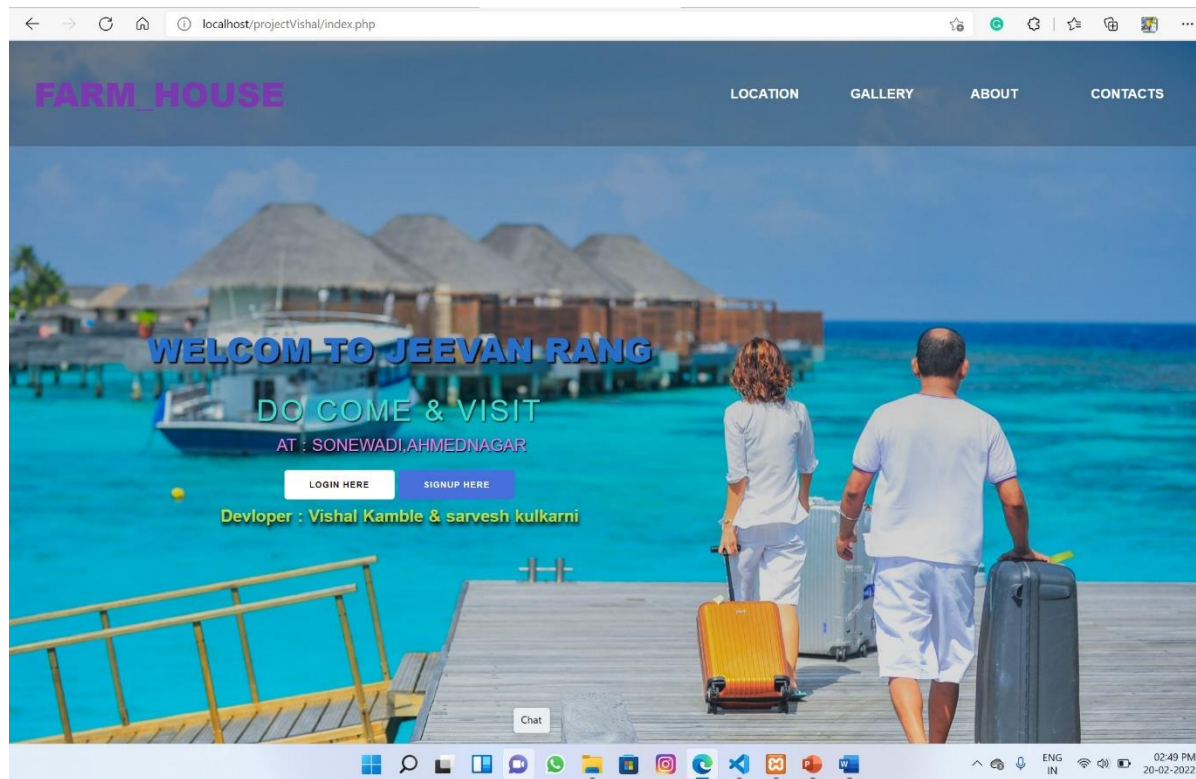
# Flow Chart:



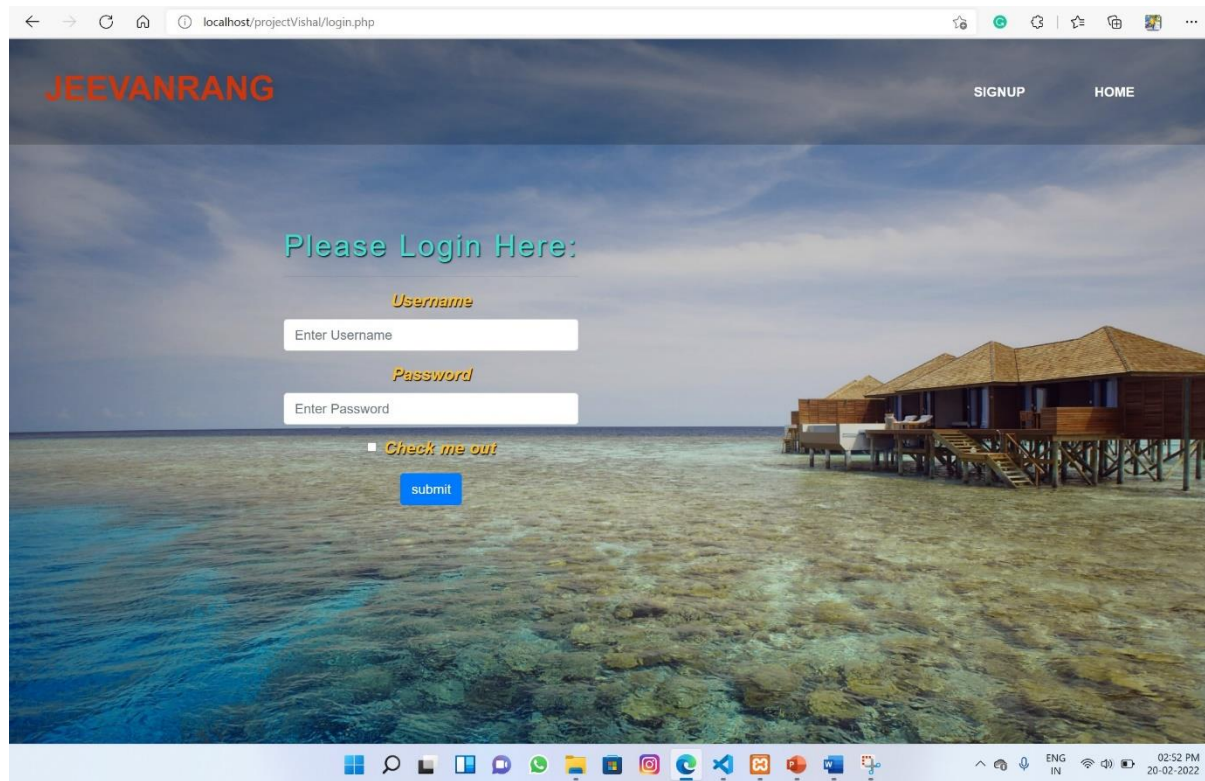
# Data Flow Diagrams



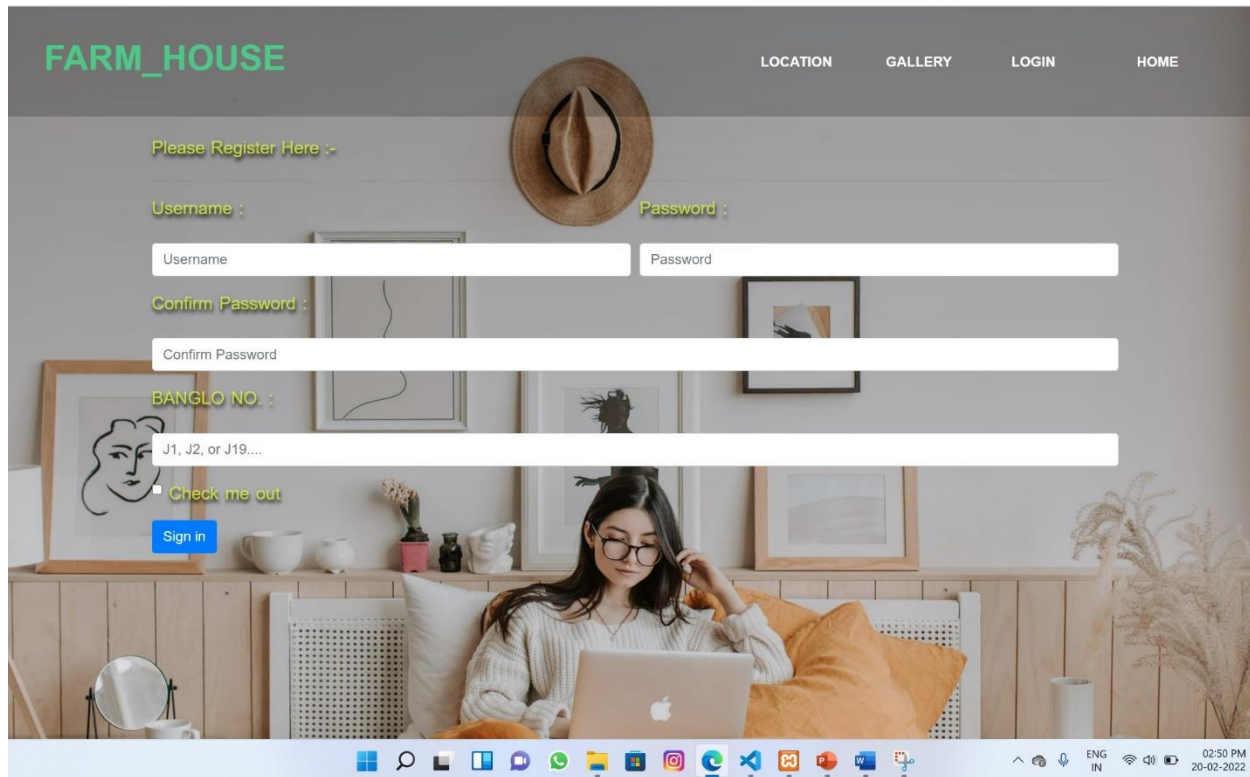
# Screen Layouts : index.html



# Screen Layouts : Log in page



# Screen Layouts : signup form



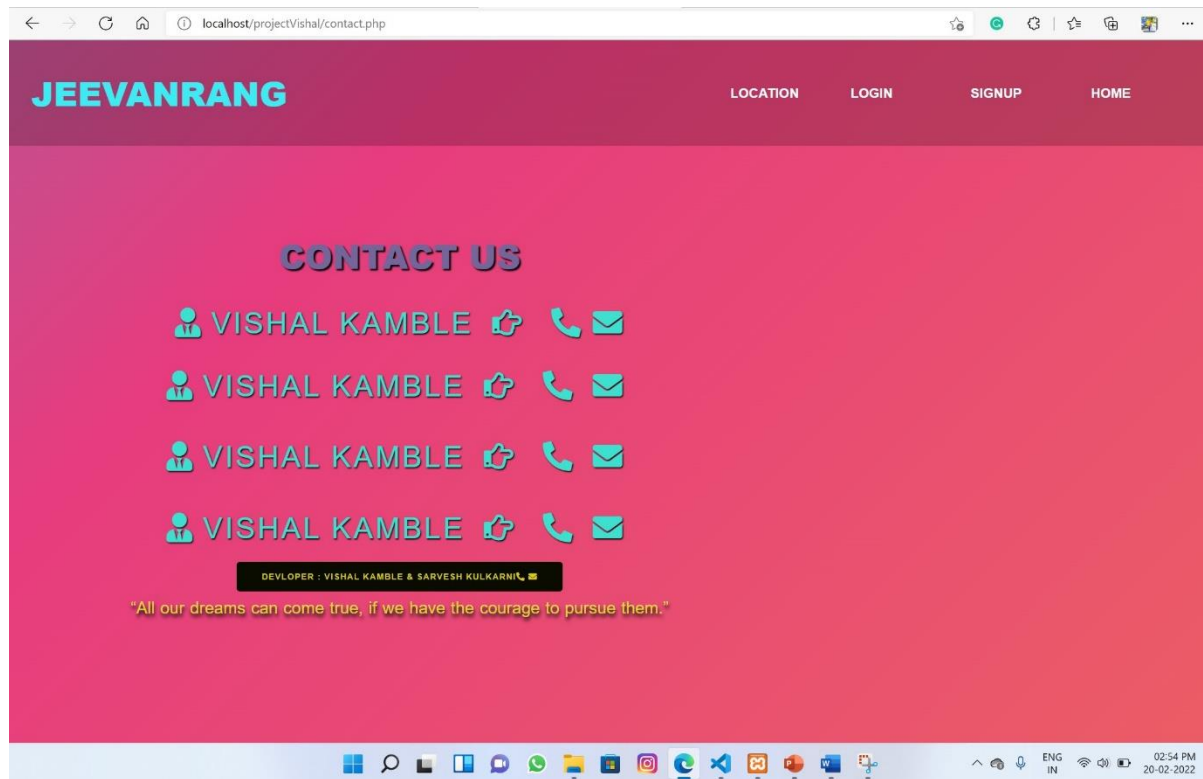
The screenshot displays a web browser window with a background image of a woman sitting on a sofa using a laptop. The website header features the title 'FARM\_HOUSE' in green, with navigation links for 'LOCATION', 'GALLERY', 'LOGIN', and 'HOME'. The main content area contains a registration form with the following elements:

- A heading: 'Please Register Here :-'
- Labels: 'Username :', 'Password :', 'Confirm Password :', and 'BANGLO NO. :'
- Input fields: Four white text boxes corresponding to the labels above.
- A checkbox labeled 'Check me out' with a small square icon.
- A blue 'Sign in' button.

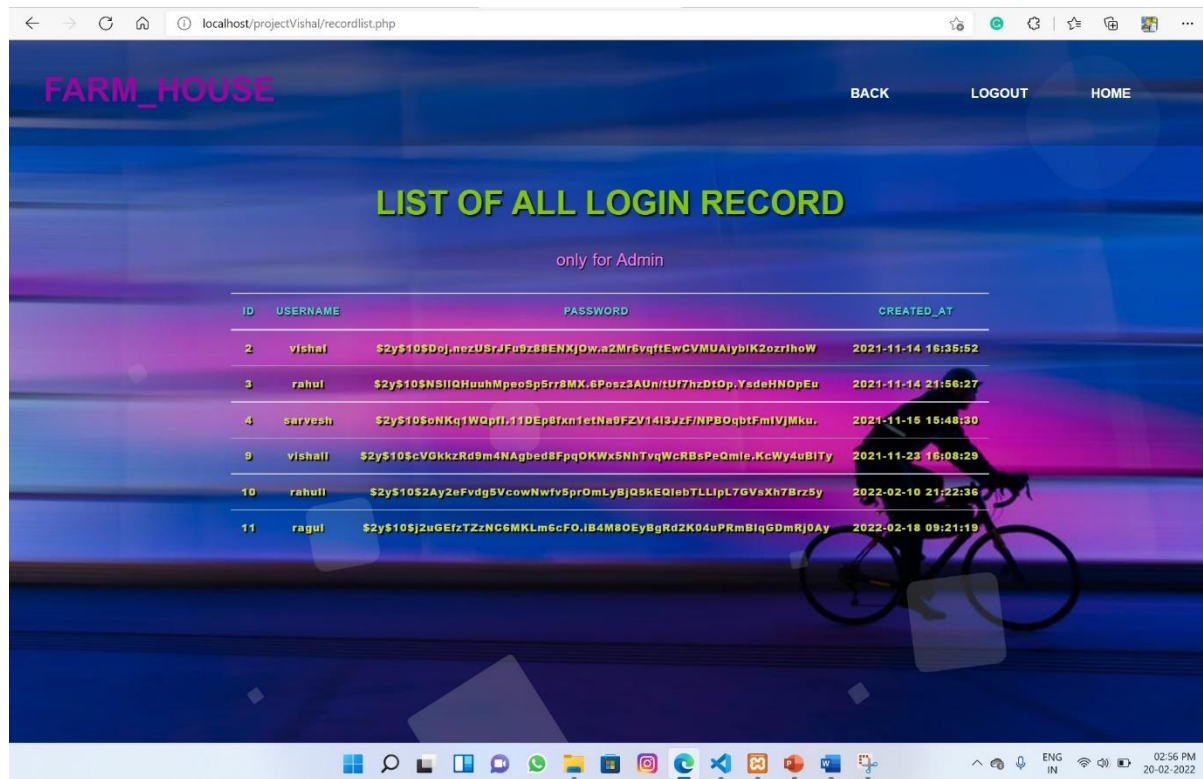
The Windows taskbar at the bottom shows various application icons, system status icons, and the date/time '02:50 PM 20-02-2022'.



# Contact us



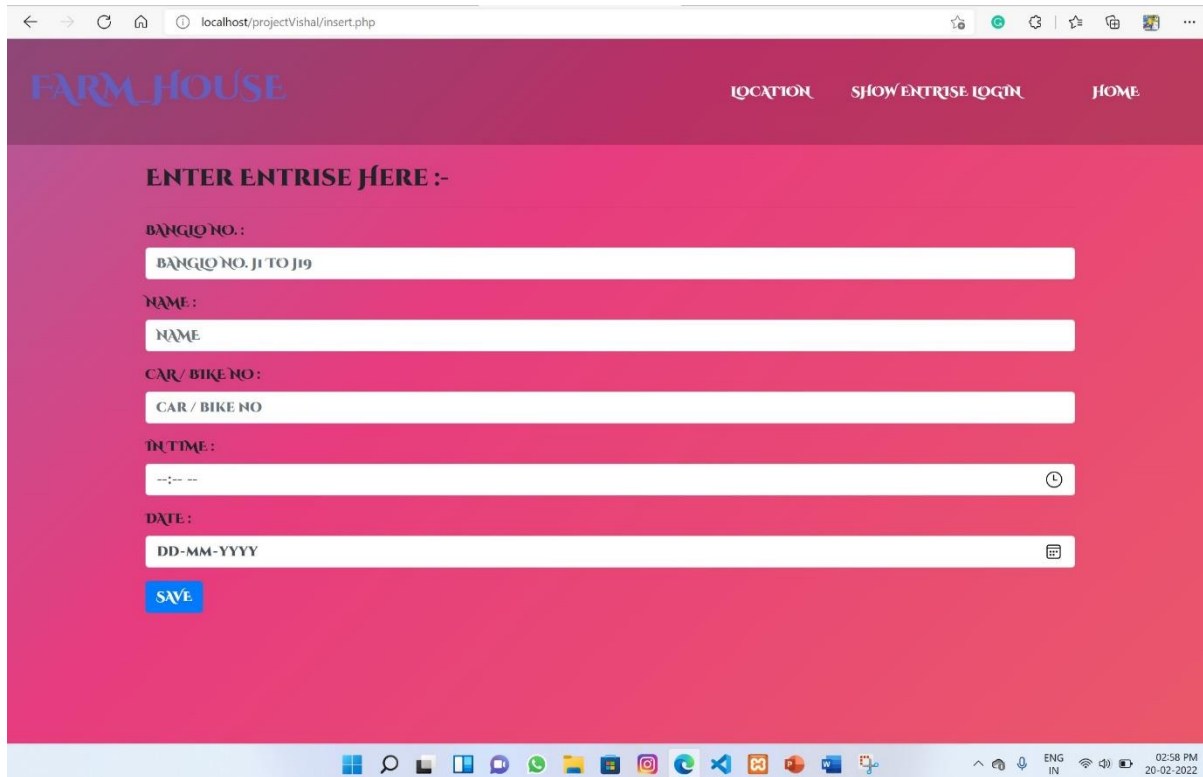
# List of all login record



The screenshot shows a web browser window with the address bar displaying 'localhost/projectVishal/recordlist.php'. The page has a dark blue background with a silhouette of a person riding a bicycle. At the top left, the text 'FARM\_HOUSE' is displayed in pink. At the top right, there are three links: 'BACK', 'LOGOUT', and 'HOME'. In the center, the title 'LIST OF ALL LOGIN RECORD' is shown in green, followed by the text 'only for Admin' in pink. Below this is a table with four columns: 'ID', 'USERNAME', 'PASSWORD', and 'CREATED\_AT'. The table contains seven rows of login records.

ID	USERNAME	PASSWORD	CREATED_AT
2	vishal	\$2y\$10\$D0j,nezU8rJFu9z88ENKjDw.a2Mr6vqtEwCVMUAlpbIK2oz7IhoW	2021-11-14 16:36:52
3	rahal	\$2y\$10\$NSIIQHuhMpeoSp8r8MX.6Posz3AUnitUI7hzDiOp.YsdeHNOpEu	2021-11-14 21:56:27
4	sarvesh	\$2y\$10\$eNKq1WQpfl.11DEp8fkn1etNa9FZV14I3JzF/NPBOqbtFmIVJMKu.	2021-11-15 15:48:30
9	vishali	\$2y\$10\$cvOKkzRd9m4Nagbed8FpqOKWx5NhTvgWcRBsPeQmie.KcWy4uB1Ty	2021-11-23 16:08:29
10	rahuli	\$2y\$10\$2Ay2eFvdg5VcowNwfv5prOmLyBjQ5kEQIebTLLipL7GVsXh7Brz5y	2022-02-10 21:22:36
11	ragul	\$2y\$10\$j2uGEfzTZzNC6MKLM6cF0.iB4M80EyBgRd2K04uPRmBIqGDmRJ0Ay	2022-02-18 09:21:19

# Car entries



The screenshot shows a web browser window with the address bar displaying `localhost/projectVishal/insert.php`. The page has a dark red header with the text "FARM HOUSE" on the left and navigation links "LOCATION", "SHOW ENTRISE LOGIN", and "HOME" on the right. The main content area is a lighter red and contains the heading "ENTER ENTRISE HERE :-". Below this heading are five input fields: "BANGLO NO.:" with the placeholder "BANGLO NO. JI TO JI9", "NAME:" with the placeholder "NAME", "CAR/ BIKE NO.:" with the placeholder "CAR / BIKE NO", "THUTIME.:" with a time selection icon, and "DATE.:" with a date selection icon. A blue "SAVE" button is positioned below the date field. The Windows taskbar is visible at the bottom of the screen.

localhost/projectVishal/insert.php

FARM HOUSE

LOCATION SHOW ENTRISE LOGIN HOME

ENTER ENTRISE HERE :-

BANGLO NO.:

BANGLO NO. JI TO JI9

NAME:

NAME

CAR/ BIKE NO.:

CAR / BIKE NO

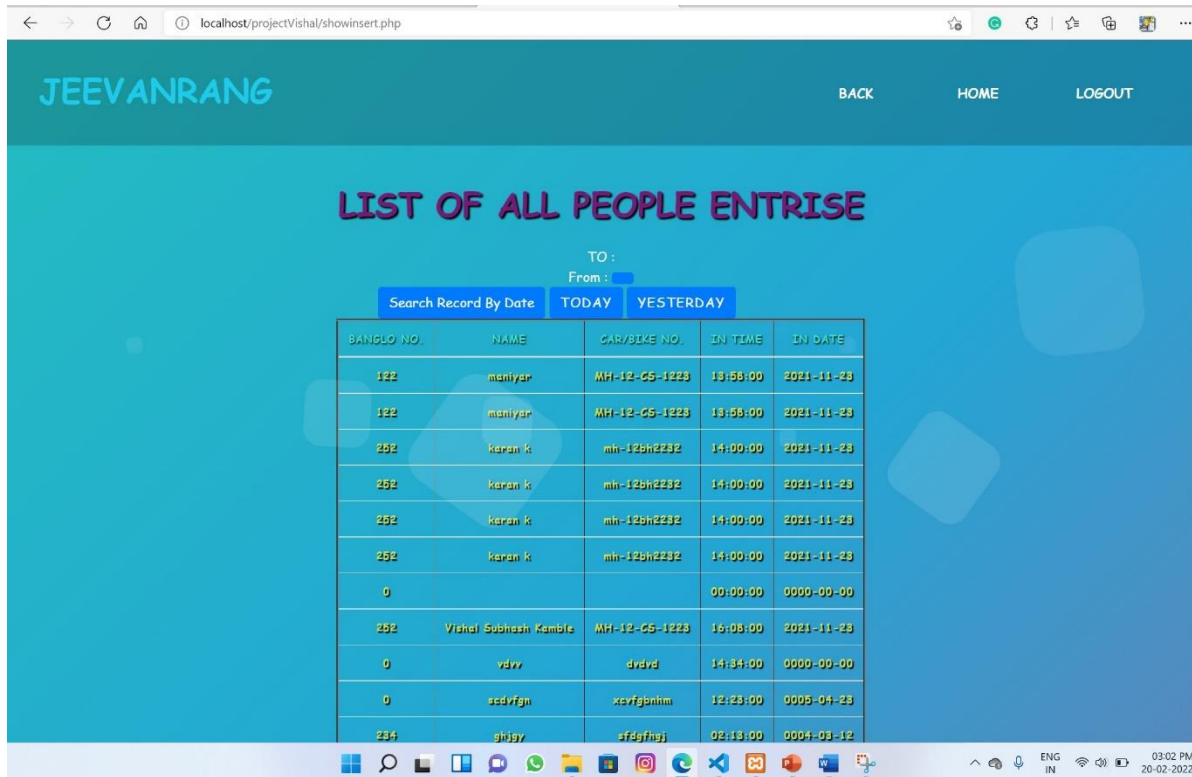
THUTIME.:

DATE.:

DD-MM-YYYY

SAVE

# Entries Record



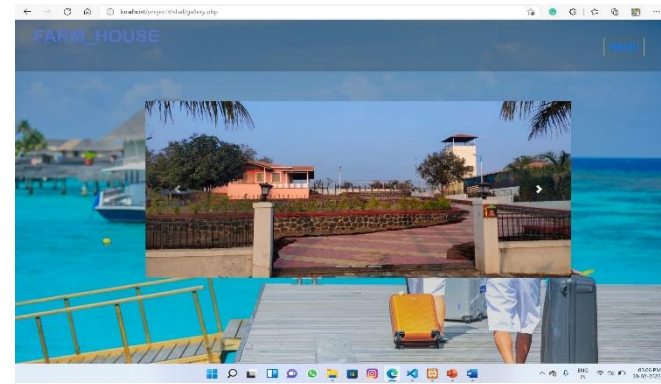
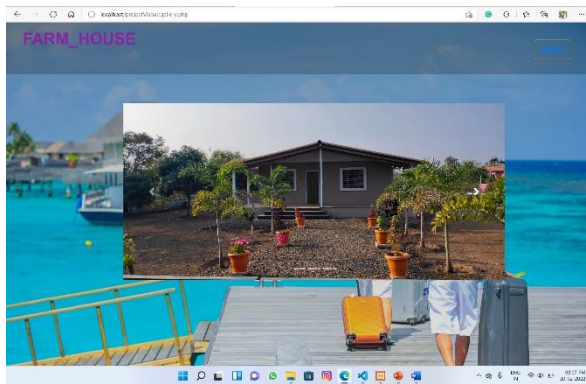
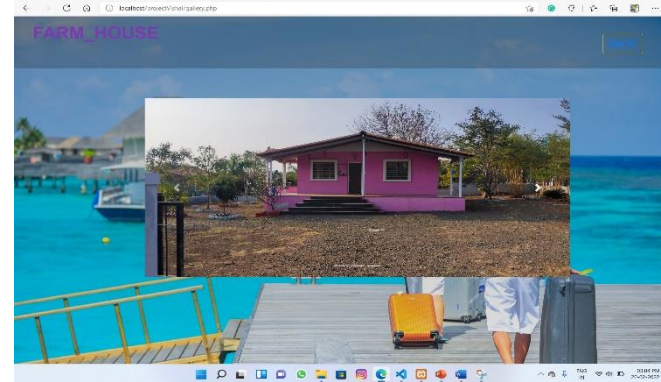
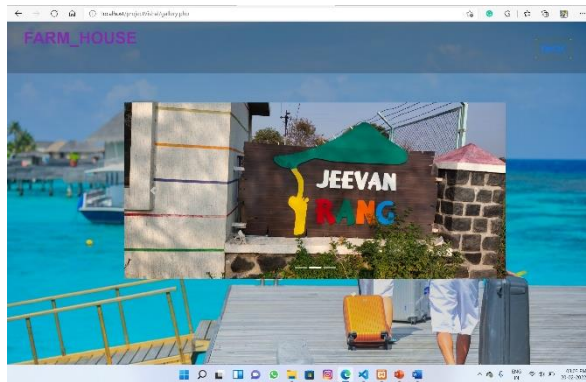
**JEEVANRANG** [BACK](#) [HOME](#) [LOGOUT](#)

## LIST OF ALL PEOPLE ENTRISE

TO :  
From :  
[Search Record By Date](#) [TODAY](#) [YESTERDAY](#)

BANGLO NO.	NAME	CAR/BIKE NO.	IN TIME	IN DATE
122	maniyar	MH-12-GS-1223	13:55:00	2021-11-23
122	maniyar	MH-12-GS-1223	13:55:00	2021-11-23
252	karan k	mh-12bh2232	14:00:00	2021-11-23
252	karan k	mh-12bh2232	14:00:00	2021-11-23
252	karan k	mh-12bh2232	14:00:00	2021-11-23
252	karan k	mh-12bh2232	14:00:00	2021-11-23
0			00:00:00	0000-00-00
252	Vishal Subhash Kamble	MH-12-GS-1223	15:05:00	2021-11-23
0	vdvd	dvdvd	14:34:00	0000-00-00
0	scdfgjn	xsvfjbnim	12:23:00	0005-04-23
234	ghjgy	sfdfghj	02:13:00	0004-03-12

# Gallery page



# database

The screenshot displays the phpMyAdmin web interface in a browser. The address bar shows the URL: `localhost/phpmyadmin/index.php?route=/database/structure&server=1&db=login`. The interface is for the 'login' database on a MySQL server (127.0.0.1).

**Left Sidebar (Database Structure):**

- New
- hms
- information\_schema
- login
  - New
  - record
  - users
- mysql
- performance\_schema
- phpmyadmin
- plg
- record
- test
- trms
- users

**Main Content Area:**

**Filters:** Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> record	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	57	InnoDB	utf8mb4_general_ci	64.0 K B	-
<input type="checkbox"/> users	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	6	InnoDB	utf8mb4_general_ci	16.0 K B	-
<b>2 tables</b>	<b>Sum</b>	<b>63</b>	<b>InnoDB</b>	<b>utf8mb4_general_ci</b>	<b>80.0 K B</b>	<b>0 B</b>

☐ Check all    With selected:

[Print](#)   [Data dictionary](#)

**Create table**

Name:     Number of columns:

**Bottom Bar:** Show desktop    Console

**Windows:** registrasjon record, localhost / 127.0.0.1 / login / ... , Gear up for the Accenture Pre..., Join conversation, localhost / 127.0.0.1 / login | p...

**Taskbar:** Windows Start, Search, Task View, File Explorer, Microsoft Edge, Teams, Outlook, PowerPoint, System Tray (Network, Volume, ENG IN, 08:08 PM 20-02-2022).



# Entries Record database

Showing rows 0 - 24 (57 total, Query took 0.0004 seconds.)

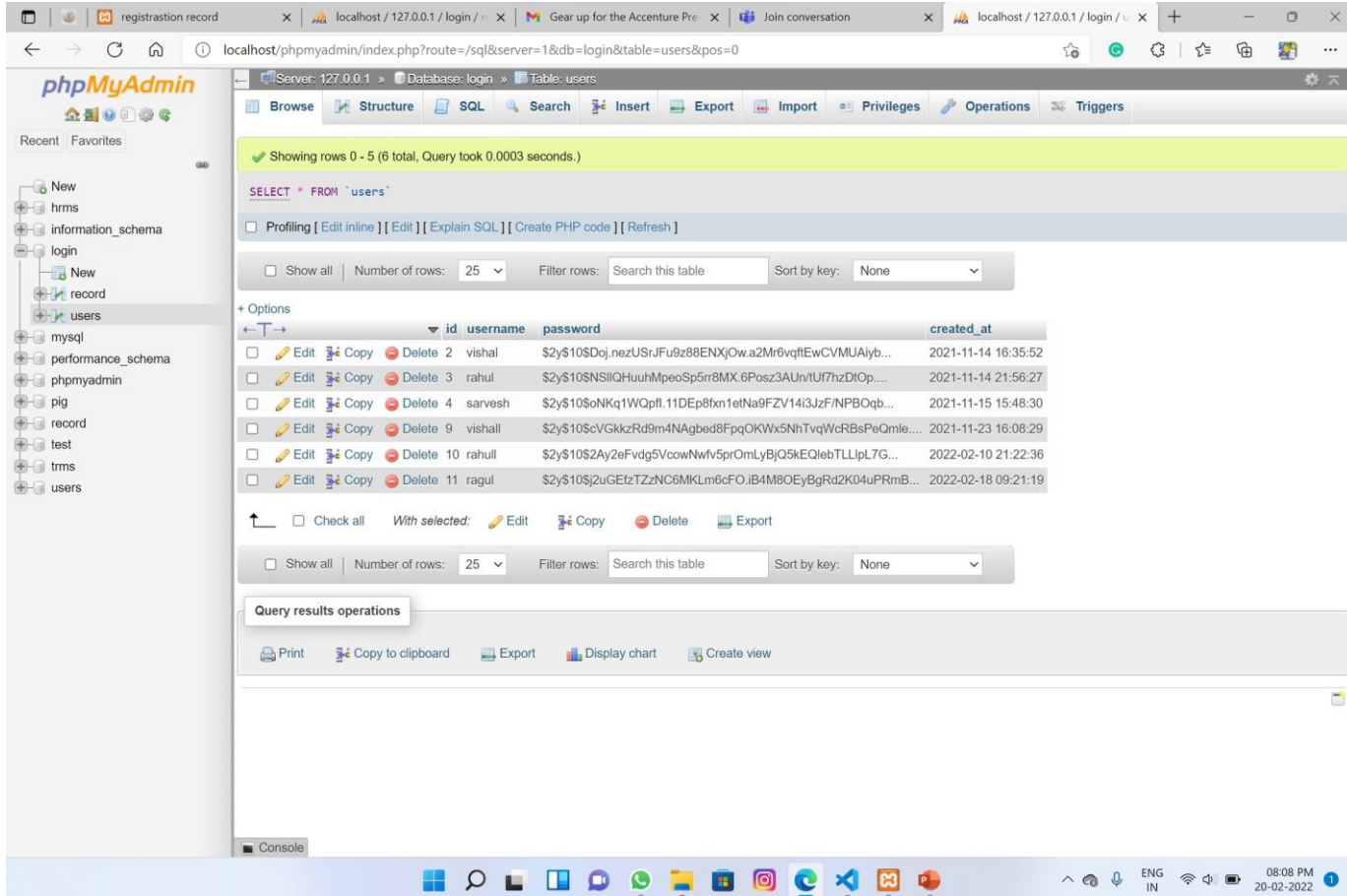
```
SELECT * FROM `record`
```

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

1 > >> Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

	id	BANGLO.NO	NAME	CAR_NO	IN_TIME	date
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	10	122	maniyar	MH-12-CS-1223	13:58:00	2021-11-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	11	122	maniyar	MH-12-CS-1223	13:58:00	2021-11-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	12	252	karan k	mh-12bh2232	14:00:00	2021-11-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	13	252	karan k	mh-12bh2232	14:00:00	2021-11-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	14	252	karan k	mh-12bh2232	14:00:00	2021-11-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	15	252	karan k	mh-12bh2232	14:00:00	2021-11-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	16	0			00:00:00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	17	252	Vishal Subhash Kamble	MH-12-CS-1223	16:08:00	2021-11-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	18	0	vdvd	dvdvd	14:34:00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	19	0	scdvfgn	xcvfgbnhm	12:23:00	0005-04-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	20	234	ghjgy	sfdgfhgj	02:13:00	0004-03-12
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	21	3456	asfdgh	asdefrthnfbds	14:34:00	4567-03-12
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	22	324567	sdth	wdewfthnrgbvds	16:32:00	4567-03-21
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	23	23467	sadfrthnfbds	fwr2345yh	12:34:00	0056-04-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	24	3214			00:00:00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	25	0			00:00:00	0045-03-12
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	26	0			00:00:00	0567-04-23
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	27	0			00:00:00	0004-03-12
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	28	0			00:00:00	0456-03-21
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	29	0			00:00:00	4567-03-12

# Login record database



The screenshot displays the phpMyAdmin web interface. The left sidebar shows a database structure with 'login' selected, containing tables 'record' and 'users'. The main panel shows the 'users' table with 6 rows. The table structure is as follows:

	id	username	password	created_at
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	vishal	\$2y\$10\$D0j.nezUSrFu9z88ENXjOw.a2Mr6vqftEwCVMUaiyb...	2021-11-14 16:35:52
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	rahul	\$2y\$10\$NSllQHuhMpeoS5rr8MX.6Posz3AUntU7hzDtOp....	2021-11-14 21:56:27
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	sarvesh	\$2y\$10\$onKq1WQpfl.11DEp8fxn1etNa9FZV14i3JzF/NPBOqb...	2021-11-15 15:48:30
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	9	vishall	\$2y\$10\$CvGkzRd9m4Nagbed8FpqOKWx5NhTvqWcRBsPeQmle....	2021-11-23 16:08:29
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	10	rahull	\$2y\$10\$2Ay2eFvdg5VcowNwfv5prOmLyBjQ5kEQlebTLLlPL7G...	2022-02-10 21:22:36
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	11	ragul	\$2y\$10\$2uGEfzTZzNC6MKLm6cFO.iB4M8OEyBgRd2K04uPRmB...	2022-02-18 09:21:19

Below the table, there are options to 'Check all', 'With selected', 'Edit', 'Copy', 'Delete', and 'Export'. The 'Query results operations' section includes 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'.



# Data Dictionary -

- TABLE - ADMIN

Field	Data Type	Specification
id	Int	PRIMARY KEY
UserName	Varchar(20)	USERNAME OF ADMIN
Password	Varchar(80) - encrypted	PASSWORD IN ENCRYPTED FORMAT
Updation Date	Timestamp	DATE AND TIME AT WHICH ENTRIES GOT UPDATED

# Table : user

Field	Data Type	Specification
id	Int	PRIMARY KEY
Full name	Varchar(20)	FULL NAME OF USER
Mobile number	NUMBER	MOBILE NUMBER
Mail id	Varchar(20)	Email of user
Password	Varchar(80) - encryption	PASSWORD IN ENCRYPTED FORMAT
Registration_date	Date	Date of user Registration

# TABLE - BOOKING

Field	Data Type	Specification
Booking_id	Int	PRIMARY KEY
Package_id	Int	PK from package
User_email	Varchar(30) - encryption	Email of user
From_date	Date	Tour start date
To_date	Date	Tour end date
comment	Varchar(20)	What user want to say
status	int	Active or cancelled
Cancel date	date	Date of cancellation

# Table - enquiry

Field	Data Type	Specification
id	Int	PRIMARY KEY
User_id	Int	FK from user table
Full name	Varchar(20)	FULL NAME OF USER
Email_id	Varchar(25) - encryption	EMAIL OF USER
Mobile_number	number	MOBILE NUMBER
subject	Varchar(20)	Subject of enquiry
Description	Varchar(40)	Describe enquiry
Admin_Remark	Varchar()	
Posting_Date	Date	Date of posting enquiry

# Table - issues

Field	Data Type	Specification
id	Int	PRIMARY KEY
User_id	Int	FK from user table
issues	Varchar(20)	SUBJECT OF RAISING ISSUE
Description	number	MOBILE NUMBER
Posting Date	Date	Date of Posting issue
Description	Varchar(40)	Describe Issues
Posting_Date	Date	Date of posting enquiry

## Limitations:

- The interface can be made more rich and user-friendly using latest frontend libraries like React.
- User is not notified when admin reacts to their issue. User has to manually check by logging in to system whether the admin has resolved issue or not.
- The payment system is manual and only through NEFT.

## Future enhancements:

1. By using React library we can make the user- interface more rich and interactive.
2. We can implement a system where we will be able to notify user once admin reacts to their issue .
3. Making easy to use

## References:-

- <https://www.w3schools.com/php/default.asp>
- <https://www.youtube.com>
- <https://www.google.com>
- <http://www.w3schools.com/html/default.asp>.
- <http://www.w3schools.com/css/default.asp>.
- <https://www.w3schools.com/bootstrap/>
- <https://dev.mysql.com/doc/refman/8.0/en/tutorial.html>



**Thank You!!** 😊