A

PROJECT SYNOPSIS

ON

"MULTIPURPOSE DECK (Tourism Portal)"

Submitted in partial fulfillment the requirement for the

award of the degree

Bachelor of Computer Application

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INTRODUCTION:

Computer plays an important role in our daily life. Anything we want we can get only in one mouse click. Speed, reliability and accuracy of the computer make it a powerful tool for different purposes. A very important and basic need of today's modern business world is the quick availability and processing of information using computer. One can easily get the type of required information within a fraction of a second.

A Tourism portal is a web-based platform that collects information from different sources into a single user interface and presents users with the most relevant information for their context.

Today India's glorious traditions and rich cultural heritage are closely related with the development of tourism. Its magnificent monuments attract a large number of tourists from all over the world. The natural surroundings, the architectural masterpieces, the music, dance, paintings, customs and languages all these go to make India as tourist paradise. A person who indulges in tourism is known as tourist. Tourism is multifaceted phenomenon which involves movement to and stay in destination outside the normal place of residence. It is a largest service industry in India. It provides heritage, cultural, medical, business and sports tourism. Tourism also encourages preservation of monuments and heritage proper helps the survival of arts forms, crafts and culture. Each area of the country offers a different experience with its own specific festivals and culinary culture. The main objective of this sector is to develop and promote tourism, maintain competitiveness of India as tourist destination and improve and expand existing system products to ensure employment generation and economic growth. India has many tourist attractions that have healing abilities and are capable of providing rewarding experiences of life. In addition, India is rich in varied landscapes, enhancing historical sites and royal cities, clean beaches and many more. In any part of year, India can offer a wide selection of destination and experiences. In summer there are different kind of beauty available and as well as in winter there are different type of the beautiful places are available to visit. The project that I have chosen is also rely in this category which will be helpful in exploring and getting the information about the tourism places as they want to explore.

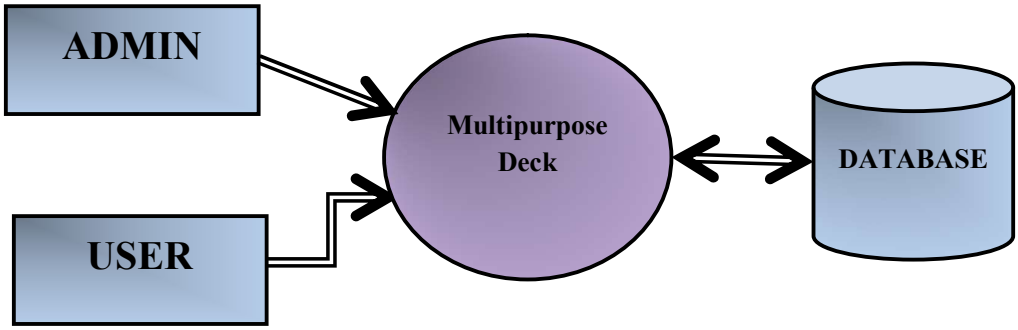
Objective:

The project Multipurpose Deck (A Tourism web portal) is a GUI based automated system, which will cover all the information related to the all tourism based information which a tourist need. For example – Hotels, Visiting Places, Shopping Malls, and many more. If a tourist came first time to visit the city and he had no enough information about that city then he can get help through our web portal. Because of I have made the collection of various kinds of resources keeping in the mind the thing that a tourist needs. For example if the tourist came in the city then his first need is to stay in a "Hotel" , so we have categorize a list which is containing one of the best hotels of the city and they are well suited according to the budget also , so the tourist doesn't need to ask to someone or wander everywhere. As I have said that the objective of this project is to fulfill all the requirements of a tourist which he wants in that city. So I have provided all the resources (that a tourist wants) on the web in a single place, so he doesn't need to search everything separately for each of his need, he just have to do one thing is that he have to came on our website and that's it. All the requirements will be satisfied at one place. So by this GUI based automated web portal if a user wants the information about a particular place or something else, then he can get it just in a click.

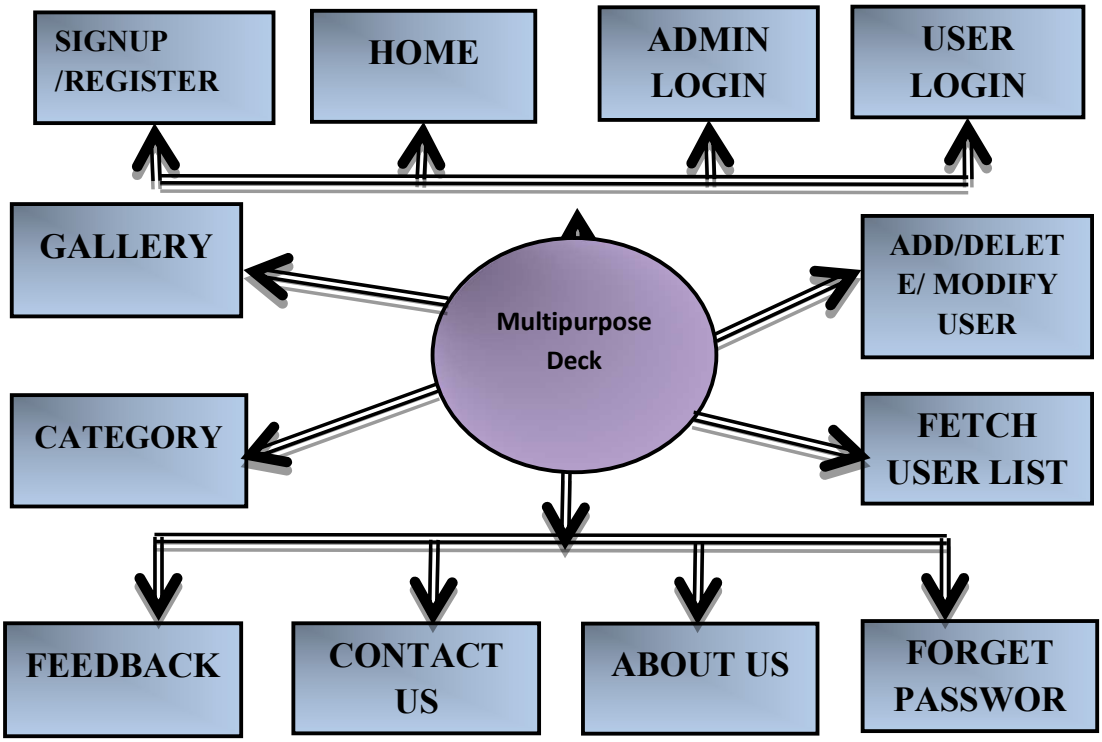
The main objectives of this project are listed below:

- Providing the best resources
- Cater the need of the tourist
- Providing correct and useful information
- To improve quality of life for the local population
- To develop sense of pride in traditional culture and identity
- To provide community facility as well as tourism facility

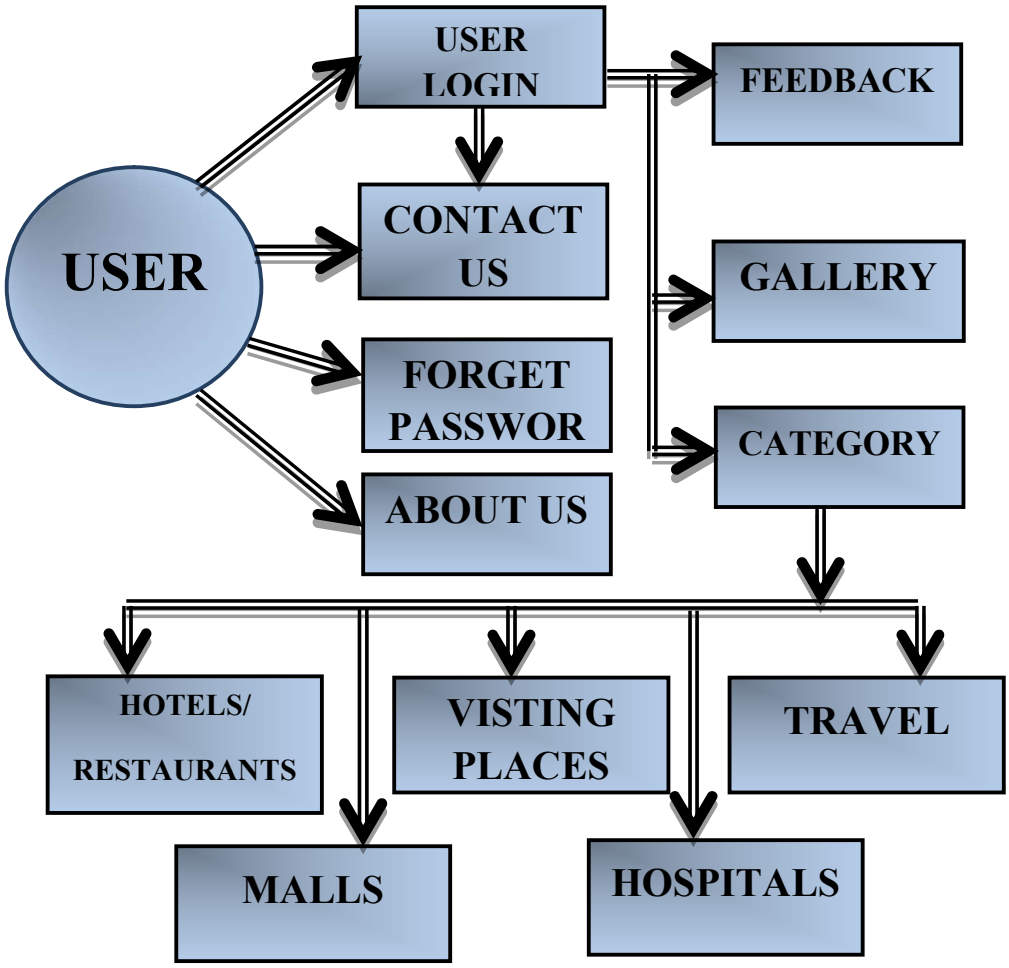
DFD DIAGRAMS



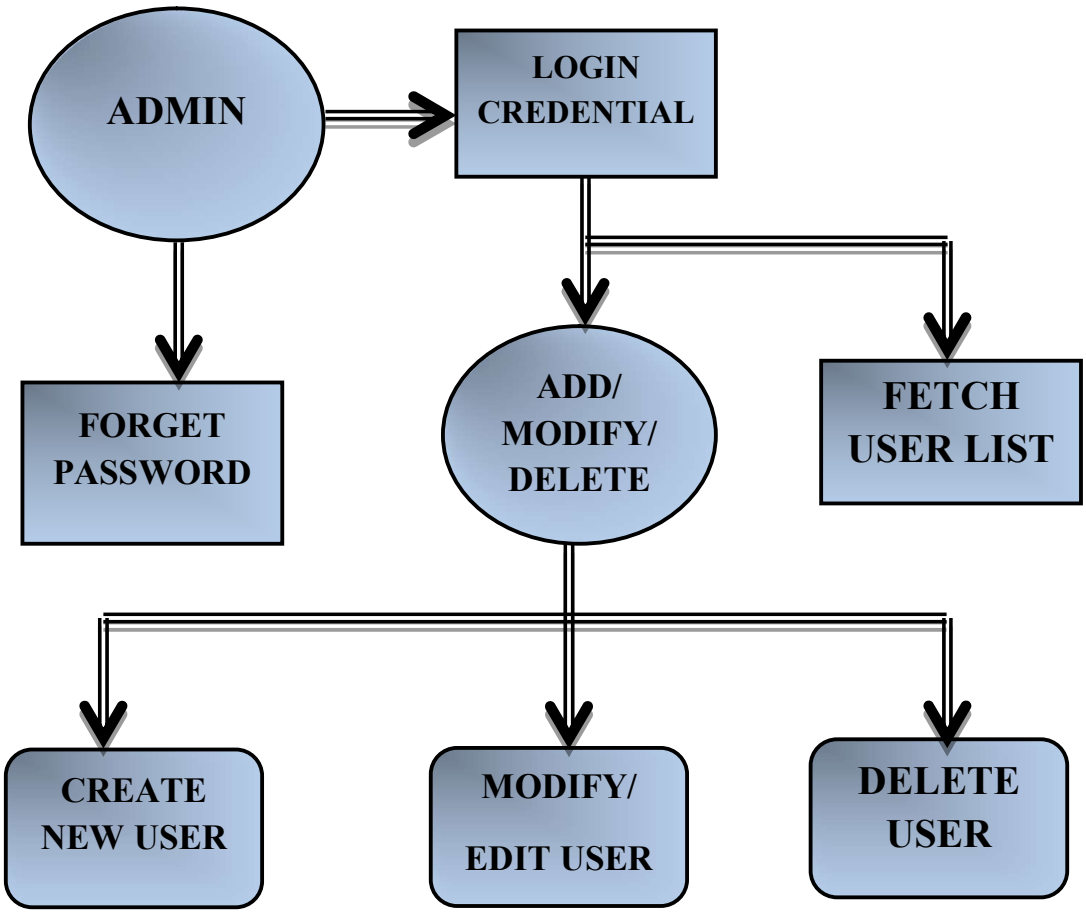
CONTEXT LEVEL DFD



Zero Level DFD

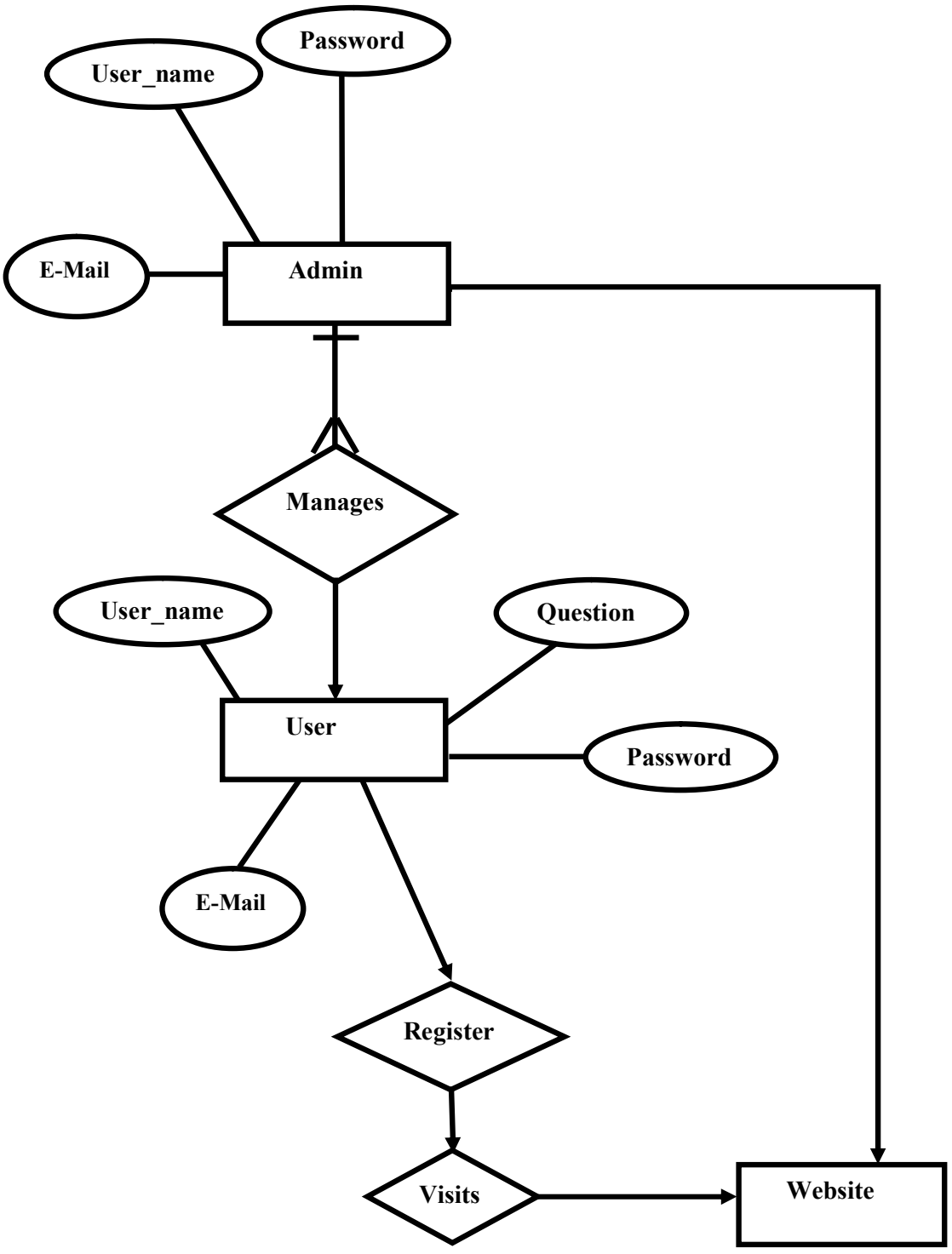


FIRST LEVEL DFD

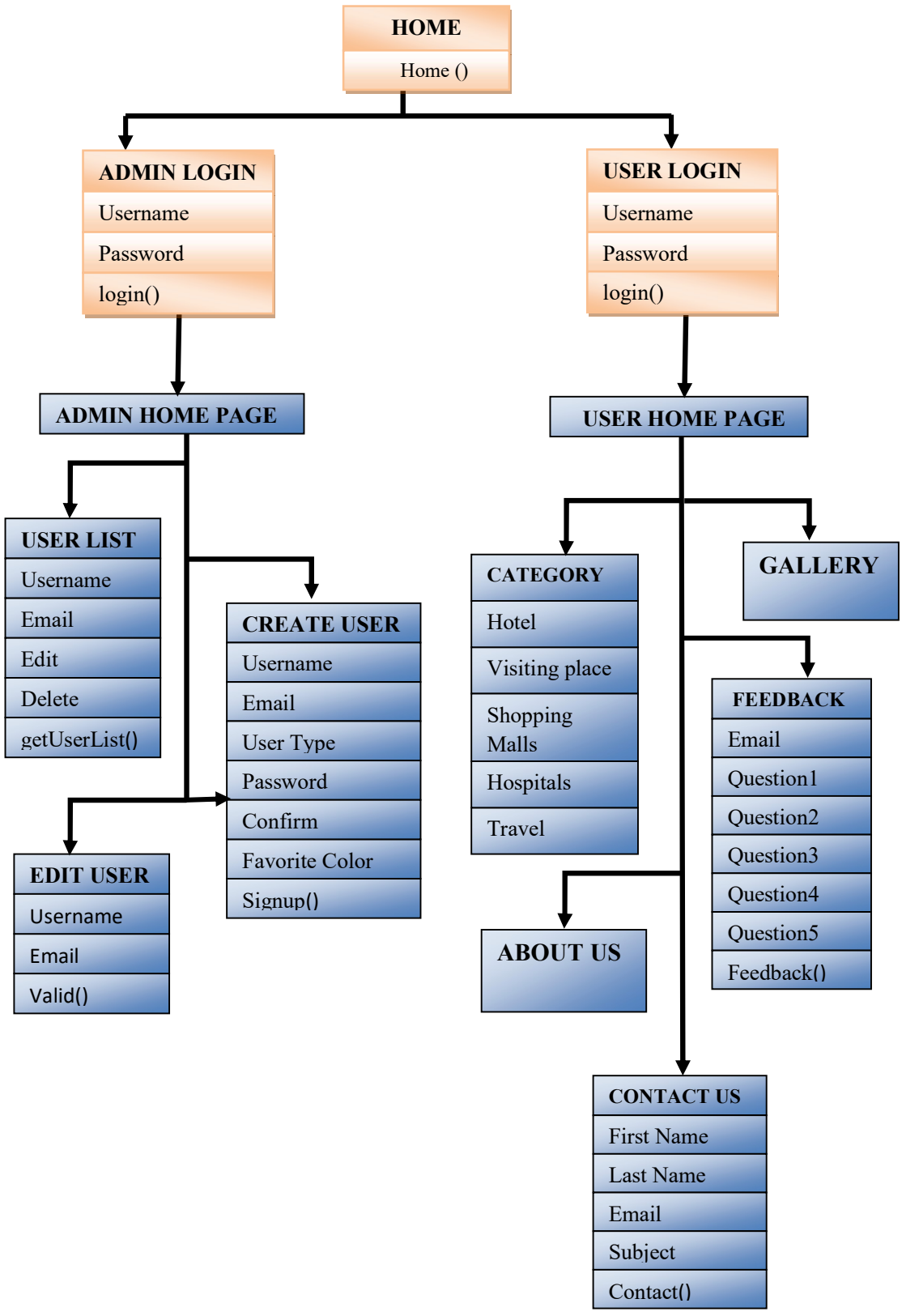


SECOND LEVEL DFD

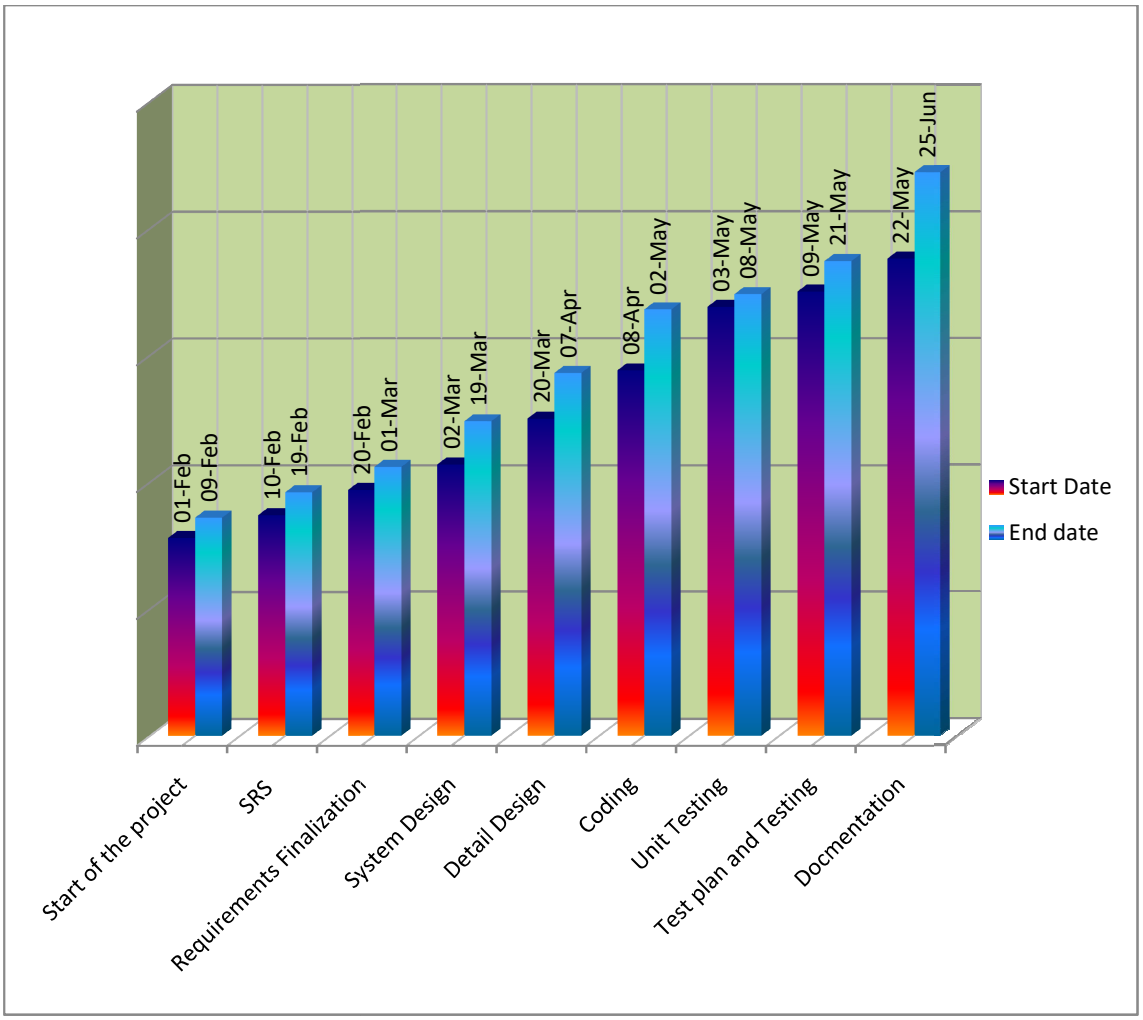
ER Diagram:


Password
User_name
E-Mail
Admin
Manages
User_name
Question
User
Password
E-Mail
Register
Visits
Website

CLASS DIAGRAM:



Timeline (Gantt Chart)



Modules and their descriptions

The Modules used in the project are:

1. **Admin Module**
2. **User Module**

Admin Module:

A website administrator has a wide range of administrative privileges across a single website, primarily managing the infrastructure of the site content. The administrator is provided with password and login-id with which he/she can access the system. Administrator is provided right of maintaining the database, verifies registered users.

- **Input** – Login id and password.
- **Process** – Process of validation will occur.
- **Output**– Administrator will maintain the database and will perform other operations.

- Access the User-List
- Manage Users(Add, Delete, Edit)
- Manage Inquiries
- Manage Issues
- Manage Pages
- Change password

User Module:

When people browse a website, they want easy navigation, attractive design, and relevant content. Users are the main visitor of website, they use the resources provided by site; the following facilities are available through this module.

- **Input** – User Id and password
- **Process**– Process of validation will occur.
- **Output**– Only genuine user can access services provided by **website.**

- User can register itself.
- User can login with valid email/username and password.
- Forgot password (user can change own password).
- Access the services according to his need.
- User can give the feedback about the website.

DATABASE / DATA STRUCTURE DESCRIPTION:

Database multipurpose_deck:

The multipurpose_deck is the database that contains the variety of information of various field . The data about the various field is stored by using the different types of data tables . The database consist of three different types of data tables that are: Contact, Feedback, Users. These table maintain the data separately. By this it is easy to get the any kind of exact data that you want from anyone of the available fields.

Table Name: Contact

Description: This table is used to store the user's information who had contact us .

Primary key: "id".

Table structure:

Column	Type	Null	Default
id	int(10)	No	
fname	varchar(25)	No	
lname	varchar(25)	No	
email	varchar(25)	No	
sub	text	No	
created_date	date	Yes	NULL

Dumping data for table contact:

57	sam	williams	sam007@gmail.com	nice website	2021-04-08
59	will	smith			2021-04-08
62	Kunj		kunj@gmail.com	Hello	2021-04-08

Table Name: Feedback

Description: This table is used to store the user's feedback by submitting the their feedback on their experience using the site .

Primary key: "email".

Table structure:

Column	Type	Null	Default
id	int(10)	No	
email	varchar(255)	No	
question1	enum('y', 'n')	No	
question2	enum('y', 'n')	No	
question3	enum('y', 'n')	No	
question4	enum('y', 'n')	No	
question5	enum('y', 'n')	No	

Dumping data for table feedback:

1	deepikakarp@gmail.com	y	n	y	n	y
2	abc123@gmail.com	y	n	y	n	n

Table Name: Users

Description: This table is used to store the user's information that are used in registering or login on the website.

Primary key: "email".

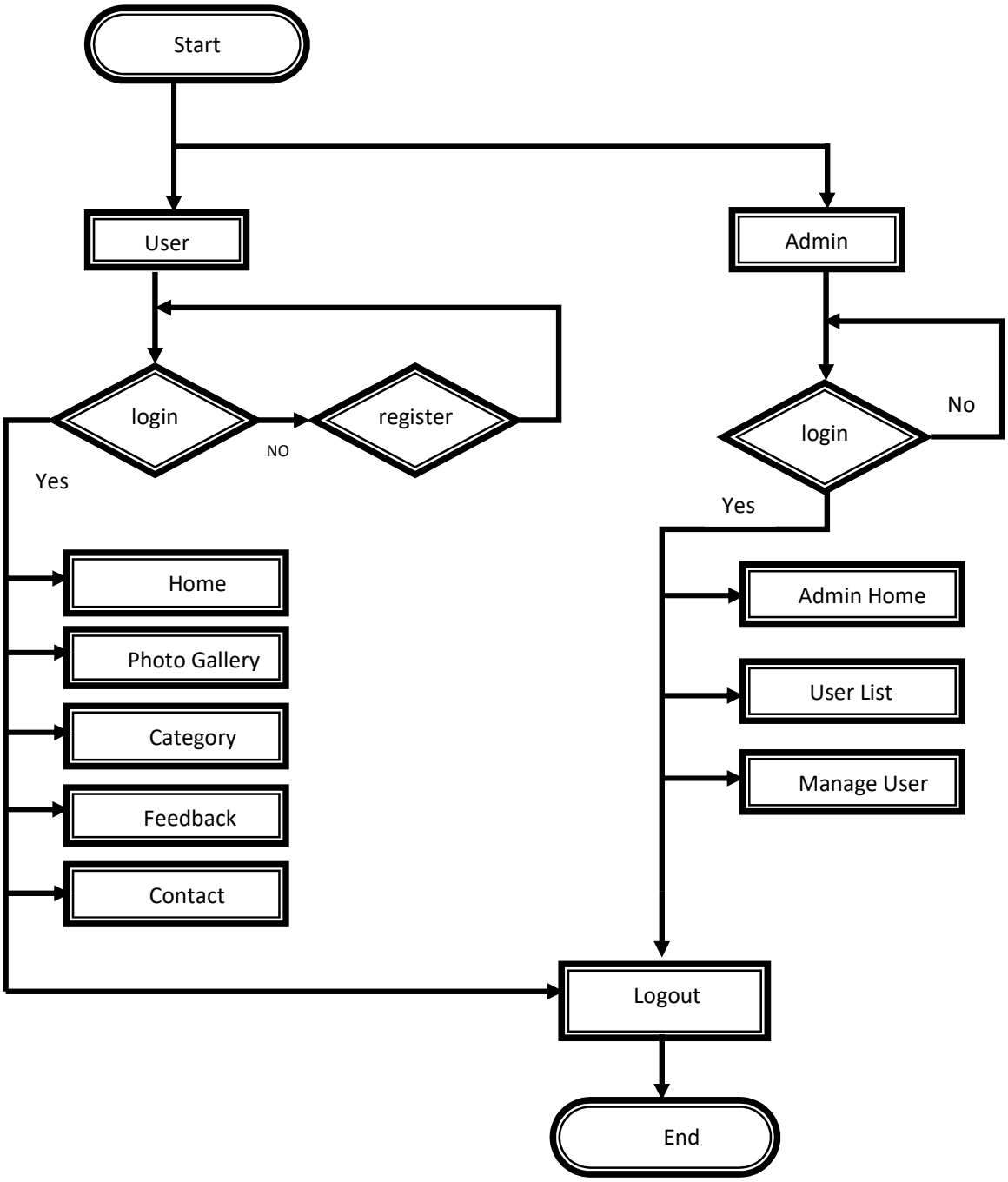
Table structure:

Column	Type	Null	Default
id	int(10)	No	
username	varchar(100)	No	
email	varchar(100)	No	
user_type	varchar(100)	No	
password	varchar(100)	No	
created_at	datetime	Yes	current_timestamp()
question	varchar(25)	No	

Dumping data for table users:

1	Deepika Kar Pathak	deepika@gmail.com	User	0f27fe9593f26588683d61b47c9aca06	2021-04-08 12:17:41	White
2	Saurabh Kumar	saurabh@gmail.com	User	a142c2097e255e745cedf938919675ba	2021-04-08 12:34:04	Black
3	Kunj Shukla	kunj@gmail.com	User	56683be2aada43161075ca2f69eef586	2021-04-17 21:13:07	Blue

FLOWCHART:


Start
User
Admin
login
NO
register
Yes
login
No
Yes
Home
Photo Gallery
Category
Feedback
Contact
Admin Home
User List
Manage User
Logout
End

HARDWARE & SOFTWARE REQUIRMENTS

At Developer Side

During system development, we have to design both static and dynamic website interfaces, create website functions and a database system, and edit photos and pictures, so it has a set of software and hardware requirements

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Hardware Used

- Intel Dual Core Processor
- 160 GB Hard Disk Drive.
- 2 GB RAM.
- O.S. – Windows 10

Software Used

- XAMPP SERVER
- MYSQL Database
- Visual Studio Code

At System Users Side

The following is the requirements for the system users including members and administrators.

Hardware Requirements (Min.)

- Intel Pentium 4 Processor
- 20 GB Hard Disk Drive.
- 1 GB RAM.
- O.S. – Windows 7

Software Requirements (Min.)

- Browser (Mozilla Firefox, Google Chrome, Edge)
- Browser Must be JavaScript Enabled