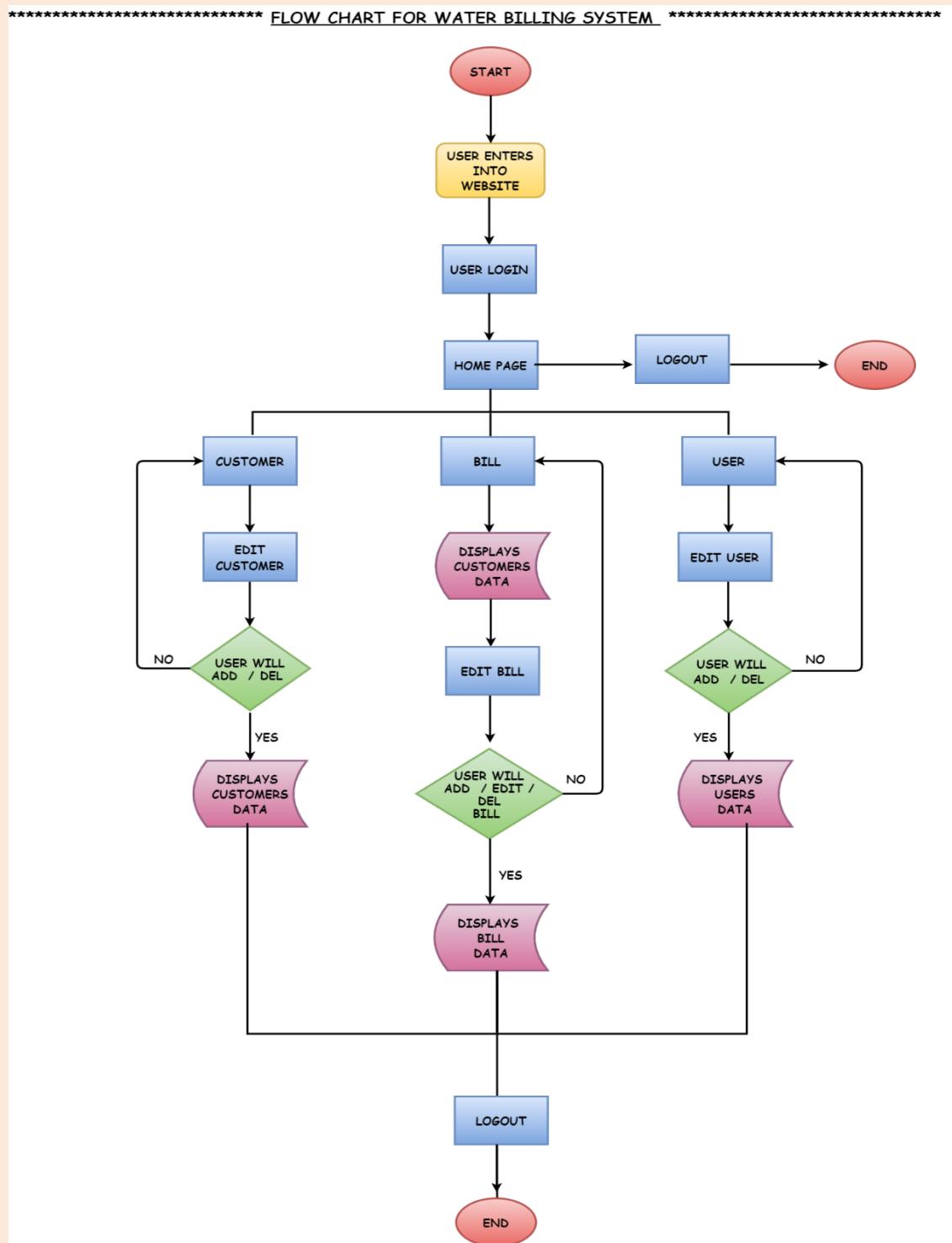


GROUP-18

ARTEFACTS

Design:



Approach Notes:

Online Water billing system is a user dependent application. Only user can login to the website. The user can edit the details in the website. The website has a home page with three contents customer, bill and user. The user can add the new customers or users. They can even delete the older customers or user. User can bill the consumed water and can edit or delete the previous bills.

We have used HTML, CSS for the front-end development and the XAMPP server for the database or back-end development. The front and back ends are connected via PHP language.

Front-End:

The project's front end contains a Login page and Home page. Where home page further consists of Customer page, User page and Bill page.

1. Login page:

User first need to enter the login details to login into the website. It includes:

- i. Username
- ii. Password

2. Home page:

The home page consists of three categories customer, user and billing.

2(a). Customer page:

The customer page consists of two slots. The first is adding new customers and second is edit or deleting old customers.

Though there exist two slots the details handled are same. They are:

- i. First name
- ii. Last name
- iii. Phone number
- iv. Address

The user can add or edit or delete any detail of the customer.

NOTE: The customer id also displayed in the website which cannot be edited.

2(b). Bill page:

In the bill page the customers information is displayed. This bill consists of two slots

First is Billing, the user will bill the water used by the customer. This includes:

- i. Name of the customer
- ii. Today's date
- iii. Previous reading
- iv. Present reading
- v. Price

Second is view bill, the user can print the bill or delete the previous bills. This includes:

- i. Consumption
- ii. Price
- iii. Bill amount

While the user prints the bill all the customer information and bill information will print.

NOTE: The bill id also displayed in the website which cannot be edited.

2(c). User page:

The user page consists of two slots. The first is adding new users and second is edit or deleting old users.

Though there exist two slots the details handled are same. They are:

- i. **User name**
- ii. **Full name**
- iii. **Password**

The user can add or edit or delete any detail of another user.

NOTE: The user id also displayed in the website which cannot be edited.

Back-End:

The back-end consists of a database containing three tables: -

1. User:

Table 1 can stores the data of the user's information entered by the user.

The user id is the primary key in it.

2. Customer:

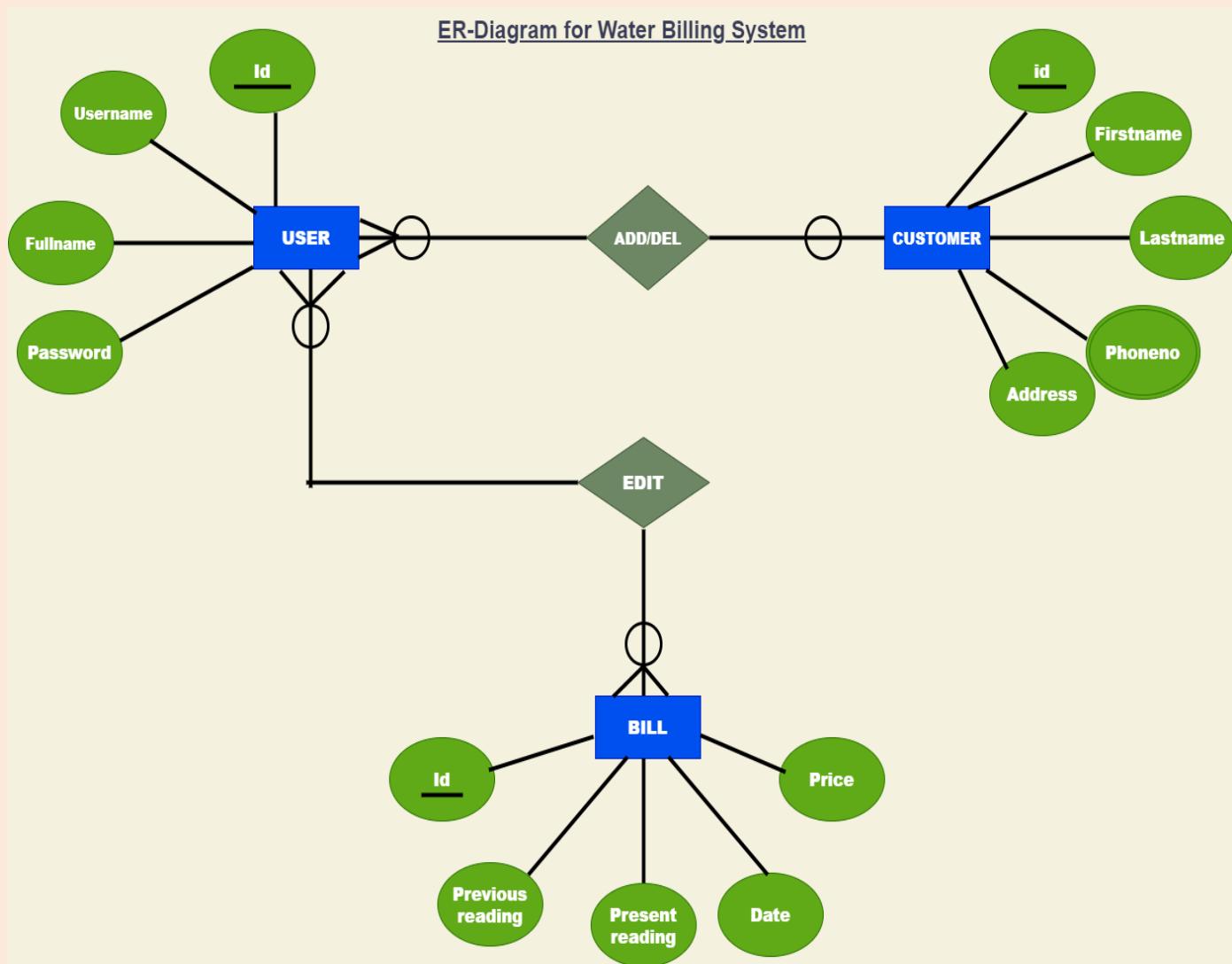
Table 1 can stores the data of the customer's information entered by the user. The customer id is the primary key in it.

3. Bill:

Table 1 can stores the data of the billing information entered by the user.

The bill id is the primary key in it.

ER-Diagram:



***** THE END *****