



CHITTAGONG UNIVERSITY OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

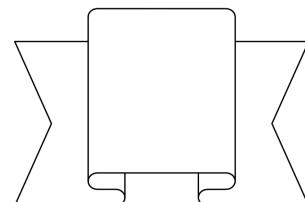
EXPERIMENT NAME

Completion of home, signin and signup page of "SmartHaat" Website

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Experiment Name

Completion of home, signin and signup page of "SmartHaat" Website

Objectives

- Designing of home page with footer and search bar etc.
- To design login and signup page.
- Design the Data Base (making ER Diagram, doing Relational Mapping and Normalization).

Description

The modified design of home page along with new features are introduced after the last labwork where basic format of home page were developed.

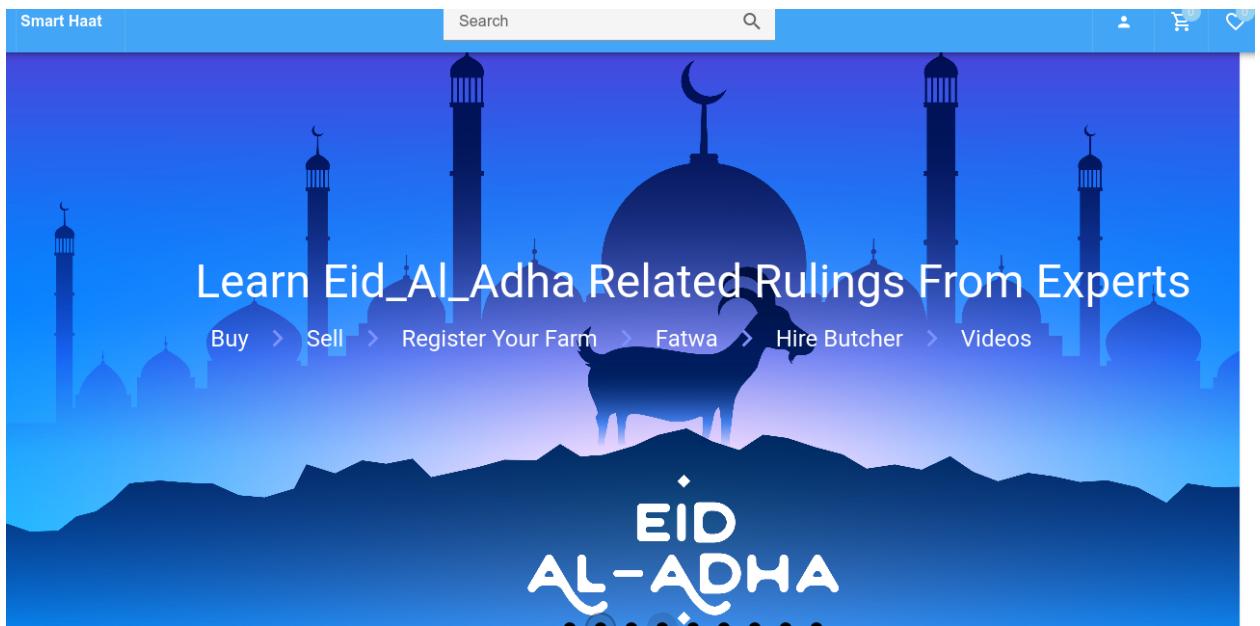


Figure 1: home page carousel

The first feature added in the home or main page is the carousel of different links such as,

- livestock page
- cattle sale for farms
- farms and their products
- experts suggestion



Figure 2: home page carousel of experts

- learn from scholars
- upload and register
- butcher service

From the figure 1 which shows the scholar opinion page and figure 2 shows the verified expertise people are included here as an example. In the home page the search button is also added for searching items in the webpage.

Then we improved our home page with suitable footer which is is added which includes,

- email subscription box
- social media links
- site roadmap links etc.

From the figure 3 the listed items are visible.

Furthermore, there are login and signin option shown in figure 4 and figure 5 where data fields are created for taking data from user and perform the task. There is a close button at the bottom of the page in case we want to exit.

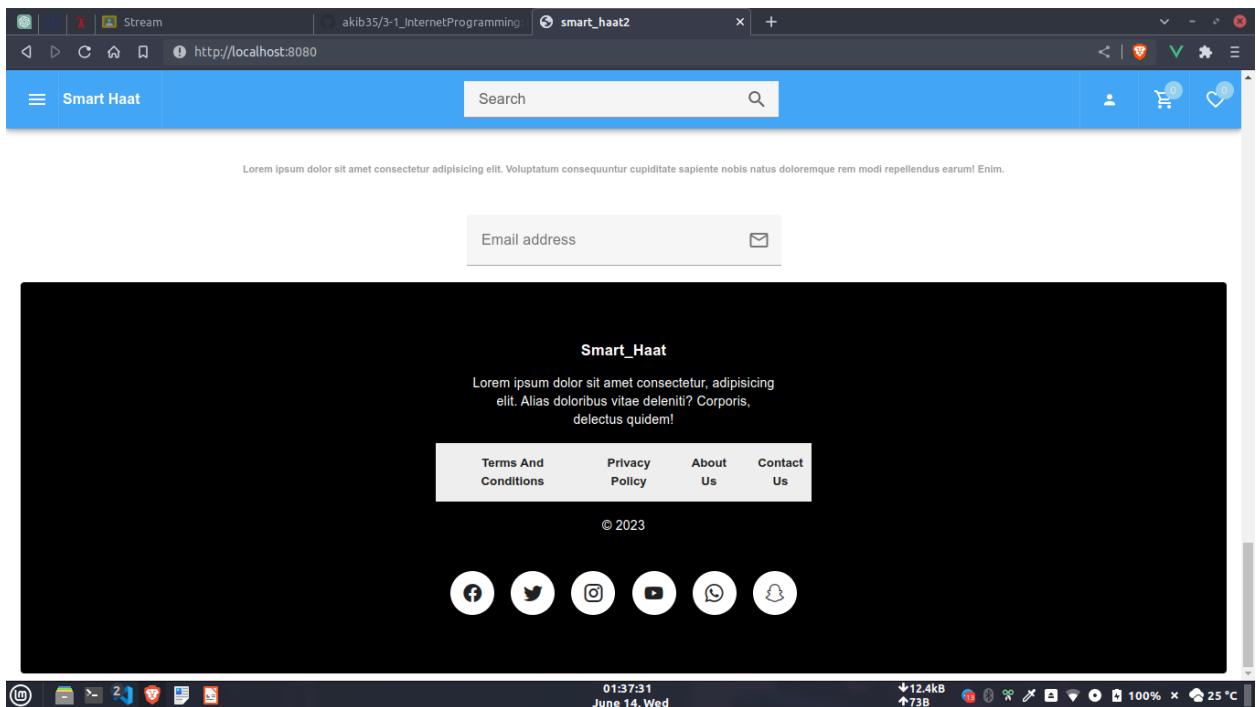


Figure 3: home page footer

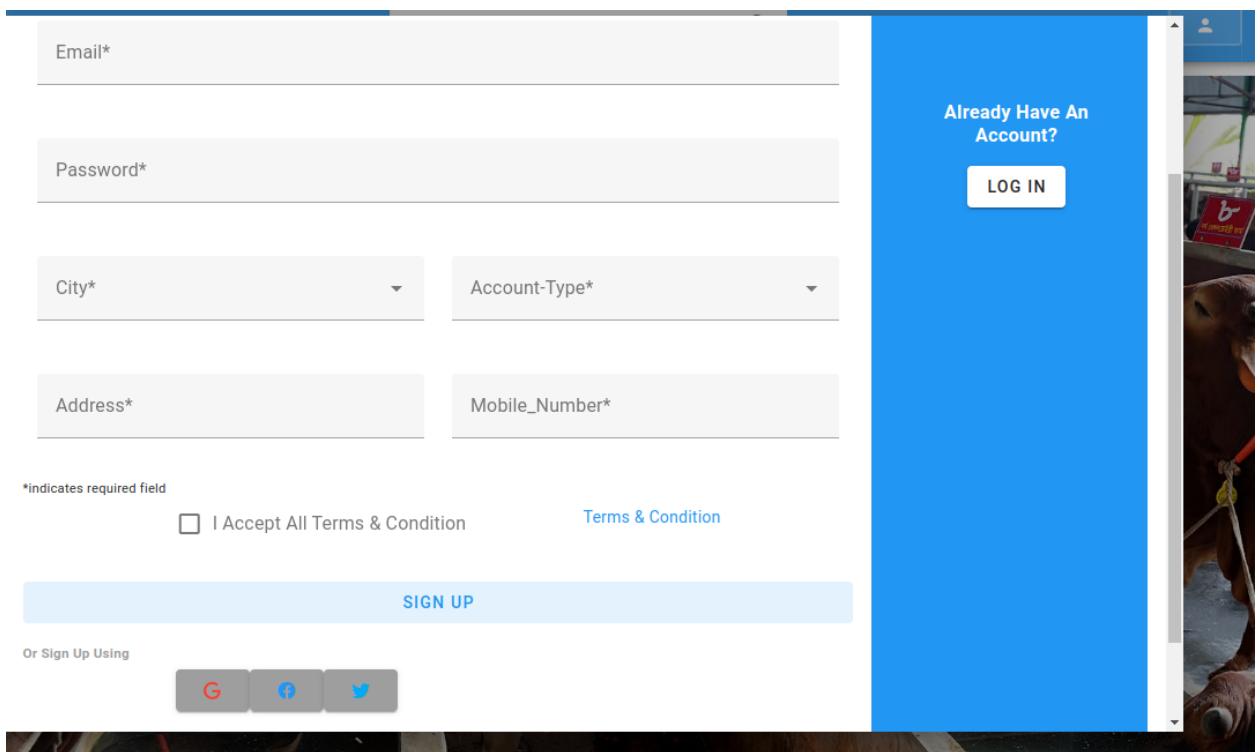


Figure 4: login frame

User Profile

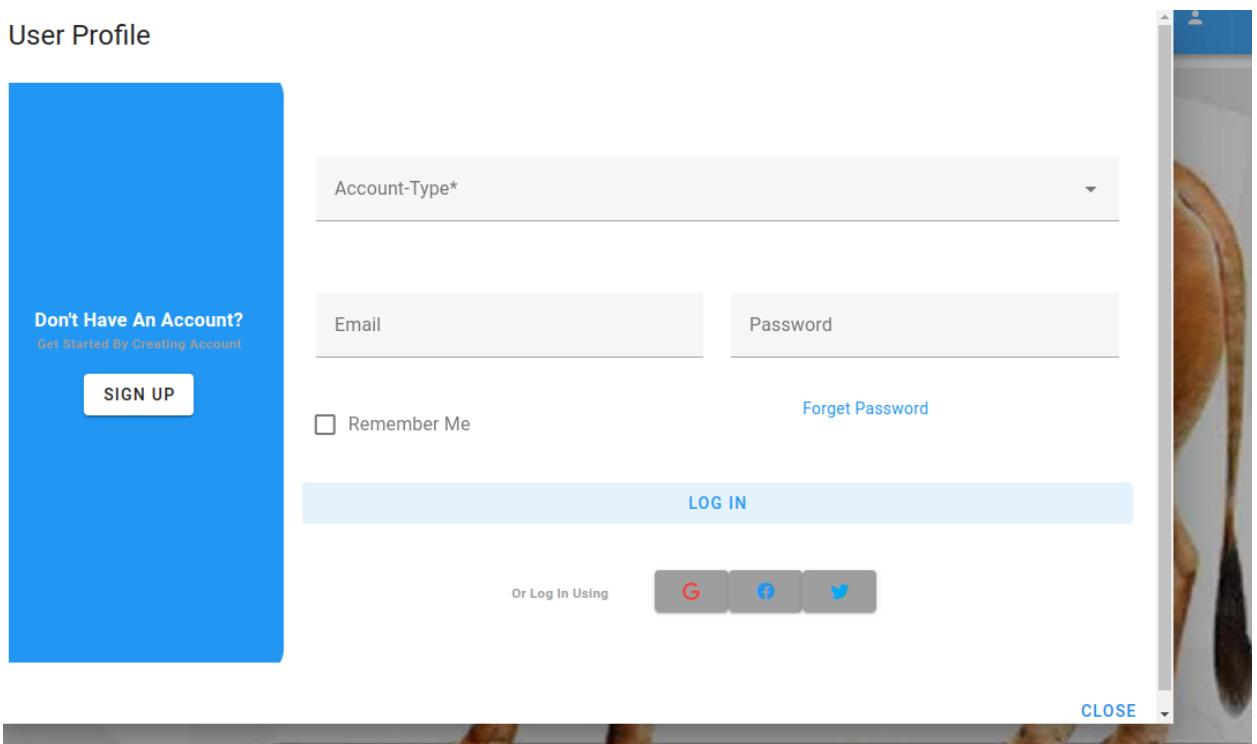


Figure 5: signup page

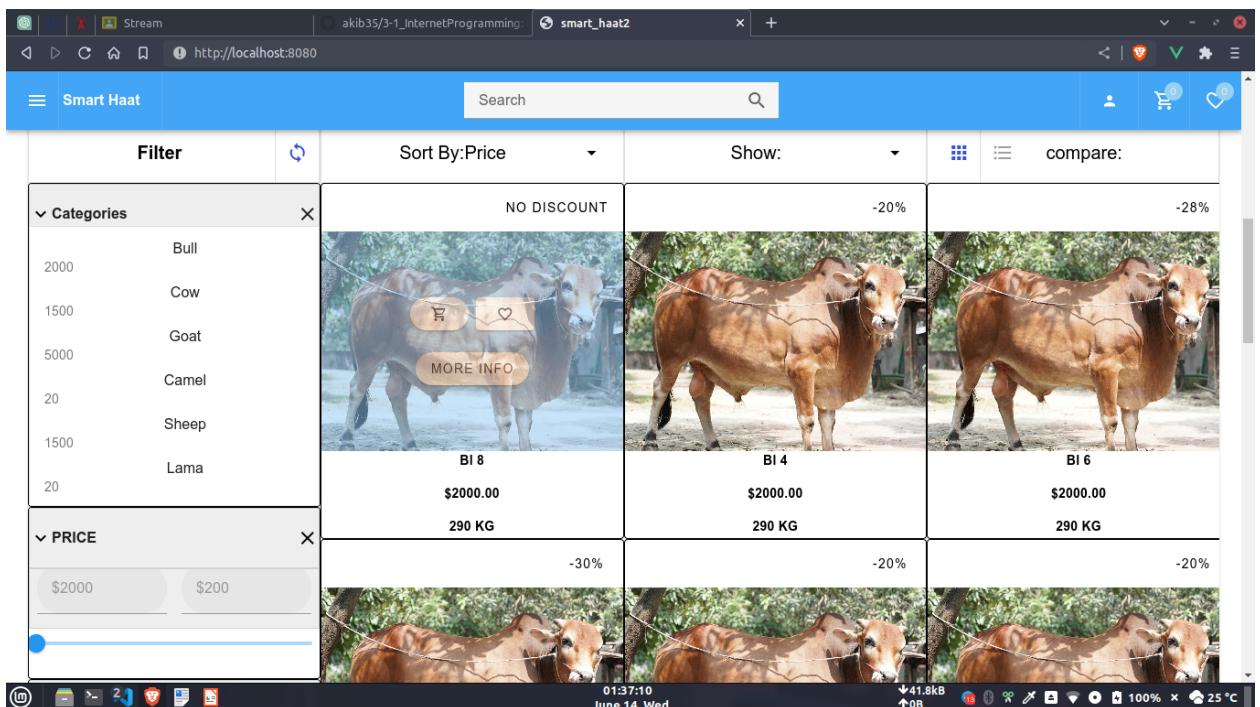


Figure 6: body section with shaded area and cart button

The middle section of the home page is also improved by using shaded graphics and some buttons such as cart and wishlist.

Finally the relational mapping of our project is shown in figure 7. There are several tables in the diagram such as,

Normalised Form

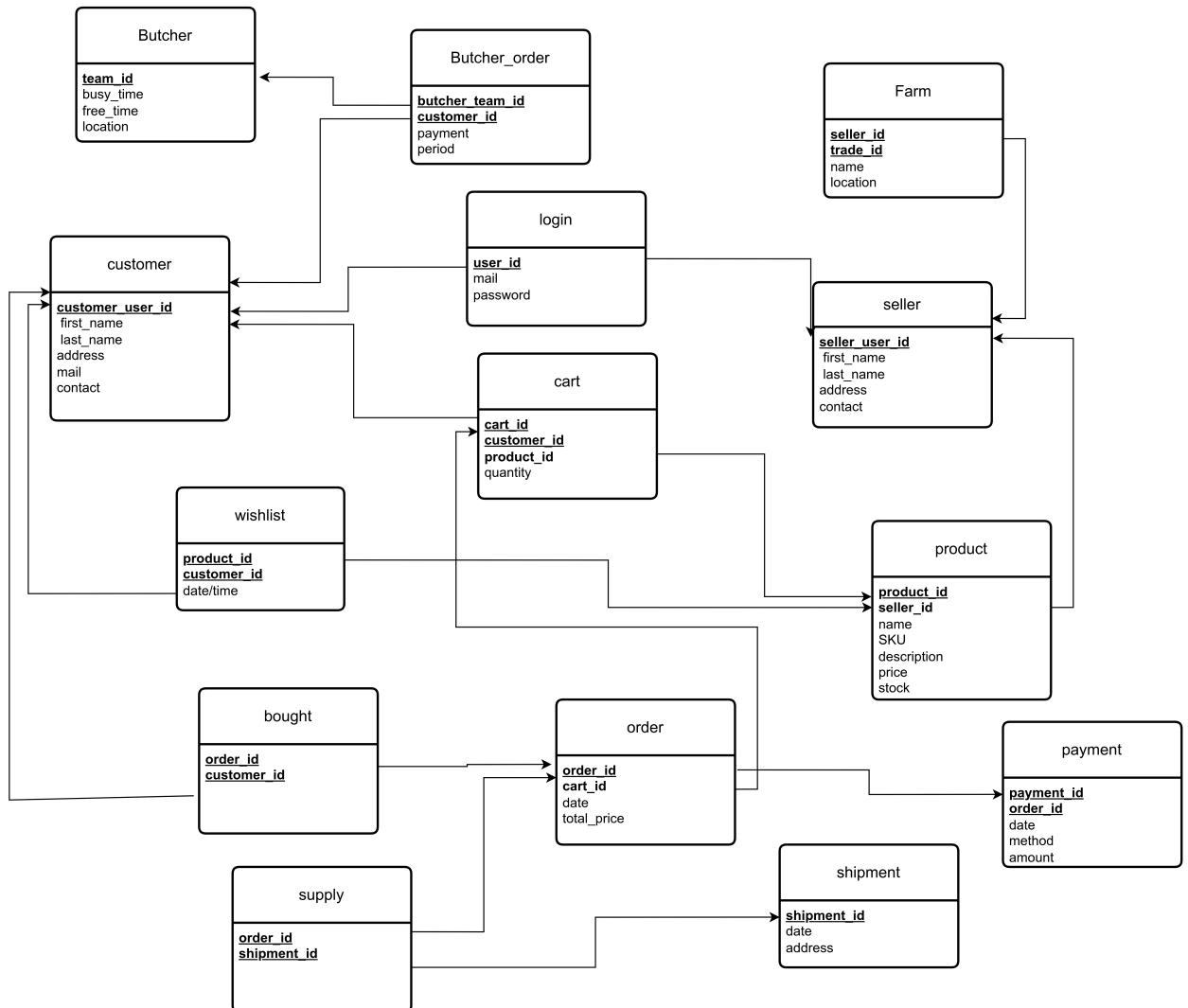


Figure 7: relational mapping of database

- customer
- login
- seller
- product
- butcher
- farms
- order, etc.

Among these tables there are relation between them which are converted to mapping by transferring the primart key as foreign key etc. Such as an unique customer ID is a foreign key in login, order, wishlist, butcher order etc. tables. And unique product ID is also found in order, wishlist, cart tables. Similarly, there is relation between product and seller and the seller ID is included in porduct tables.

Development Platfroms

The frameworks and language platforms we used –

- HTML
- CSS
- JAVASCRIPT
- VUE

Conclusion

In this week we started to devlop our home page with it's funtionalities and features. The header part was improved and footer was added. The login and signup page was introduced. There was an import problem for which we couldn't show the relational mapping last week. So, we included this part here with good quality image resolution.