Online Delivery of Fresh Vegetables and Fruits

Introduction: Online Delivery of Fresh Vegetables and Fruits is the web application to automate all kinds of operations to buy vegetables and fruits. The demand for fresh vegetables and fruits, delivered at the doorstep has risen substantially owing to the COVID-19 pandemic. People are hesitant to step out, especially to crowded places such as the vegetable market and would prefer the home delivery of vegetables and fruits. The vegetables and fruits delivery business is not new, in fact, it is one of the oldest businesses. However, by adding the benefits of technology to the vegetable home delivery business plan, it can get a new perspective and thus be able to reach out to a wider customer base. It also saves our time in our daily life and the online transactions performed are extremely secure.

Background: The idea and concept of our online based Fruits and Vegetables shopping website that we developed in this project is mainly influenced in parts by two of the most popular websites of these category. One is chaldal.com and the other is shawpno.com. We are heavily influenced by the efficient design template that is implemented in chaldal.com. The categorical design template used in chaldal.com allows the users to easily select between a wide range of different products of different categories without any hassle or confusion. The categorical design template divides a wide range of different products into different categories and subcategories which makes it easy for the user to choose between a wide range of varieties.Next, we are heavily influenced by the easy communicative process between buyers and sellers that is implemented in shawpno.com. The website functions used in shawpno.com allows the users to effectively and efficiently communicate and negotiate with the sellers of the products which adds heavily to the overall satisfaction of the customer after they visited the website and bought a product from that website. So, these are the reasons we are heavily influenced by the design template used in chaldal.com and the communicative process used in shawpno.com

Requirement Analysis:

1. **User Category:**

There are n-types of Users here. They are:

- Admin
- Staff
- Buyer

2. Feature List:

In this project the "Admin" has the following features:

- Add staff.
- Remove staff.
- Add item.
- Delete item.
- Search.
- Advertise.
- Offer discount.
- Receive item rating.
- View buyer information.
- Logout.

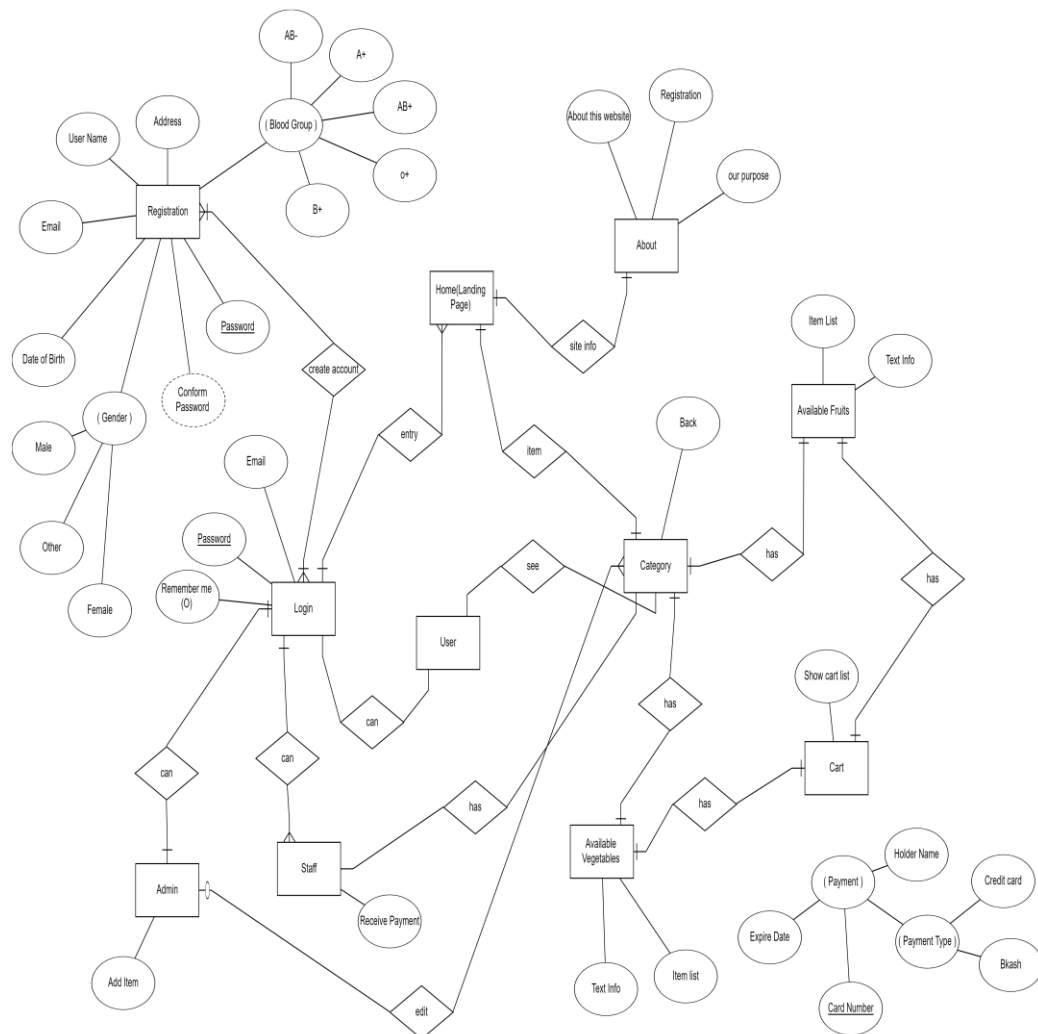In this project the "Staff" has the following features:

- Update information.
- Add item.
- Delete item.
- Update item.
- Receive payment.
- Order confirmation.
- Print payment.
- View buyer information.
- Logout.

In this project the "Buyer" has the following features:

- View item.
- Select item.
- Update Information.
- Search Item.

- Place order.

- Make payment.

- See payment history.

- Print payment.

- Helpline.

- Give product rating.

- Logout.

ER Diagram:

Tools Used:

To develop this project, we have used the following:

- Notepad++.
- XAMPP.(Apache and MySQL)

System Images against the Specification:

Impact of this Project: Nowadays due to increasing crowd and traffic, people don't get enough time for shopping that's why we have emerged that offer online buying services of fresh fruits and vegetables. As buying online can be done within minutes and it can be considered as beneficial to the consumers. They can save their precious time and can do shopping 24*7.The pollution that is caused by the traffic can contaminate the fruits and vegetables which is not the case in online shopping as the fruits and vegetables are well preserved in the warehouse at low temperature. While shopping online there are multiple options like card payment, online payment which are more appropriate for the customer. Also, the online transactions performed are extremely secure that no confidential information of the customer is misused. Big impact of buying fruits and vegetables online is that people can manage their bills and expenses. There is no any chance of their bills getting lost as they are available to them anytime in the printable format.

Limitations and Possible Future Improvements: Sometimes fruits and vegetables get rotten if we don't enough order. User can not cancel their order after confirming it. Staff cannot add or remove item from the list. We will try to improve our website by adding pre-order option where we can take pre-orders before season for this people will get seasonal fruits and vegetables at time and this will not create wastage of out items. We will try to improve our transaction process by including cash on delivery.