1. **Introduction**

In today’s tech world most consumers are looking online for information that will help them make smarter purchasing decisions. In fact, according to the e-commerce Foundation, 88% of consumers will research product information before they make a purchase online or in the store. This buying behaviour trend emphasizes the importance of a website for today’s businesses.

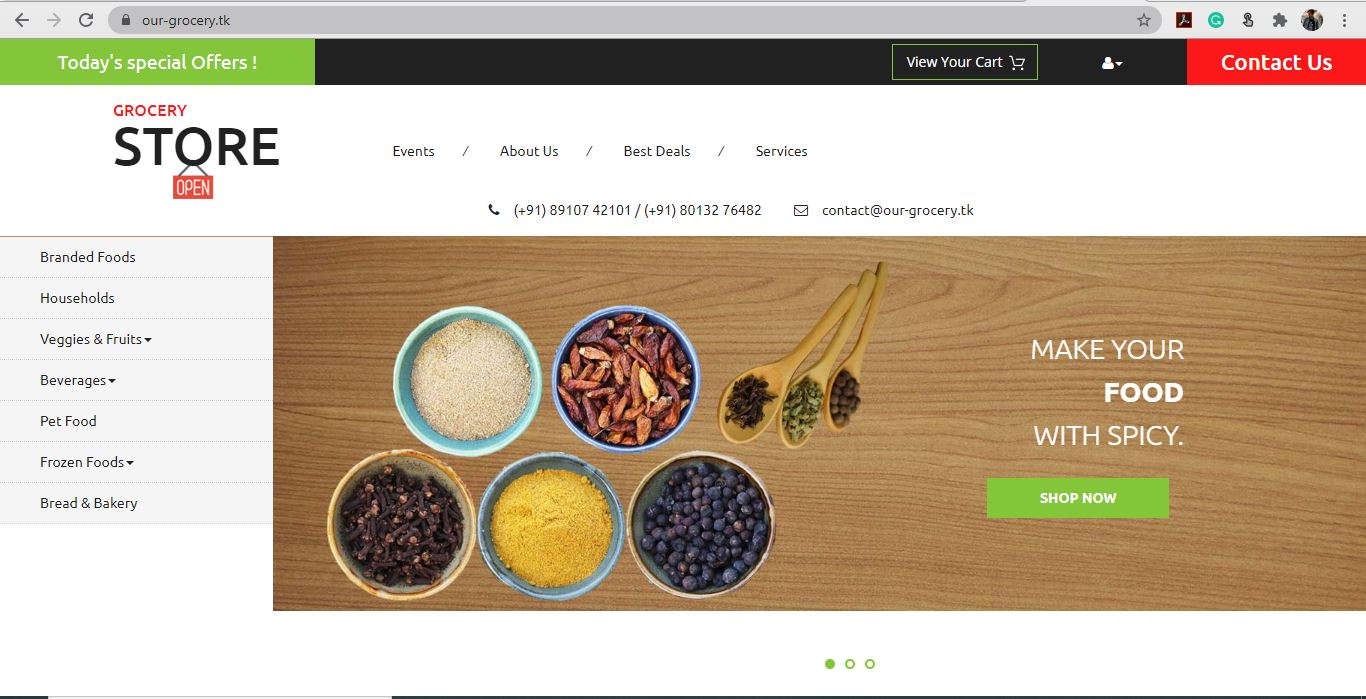
Hence in any business website serves as that “home base” where they can send customers when they want to make a purchase or learn more about a particular product or service they offer.

Fig (1): Home Page

For this project we have chosen the topic “Online grocery system”. Now days, people often order their grocery products through online mode. Here in this website visitors can come and browse the products and their prices. If they are willing to purchase anything then they have to register first and only after login they can add the products in their cart.

1. **Workflow with diagram**

In every dynamic and interactive website database in the backend is the one of the important component. At the initial stage the database is designed by creating the ER-Diagram. Basically here database is created to store the data for each customer and the details of the products of the store. Here the relation between the online grocery store and customers is one to many just like the relation between online grocery store and the products. But at a time each customer can has one address only hence the relationship is one to one here.

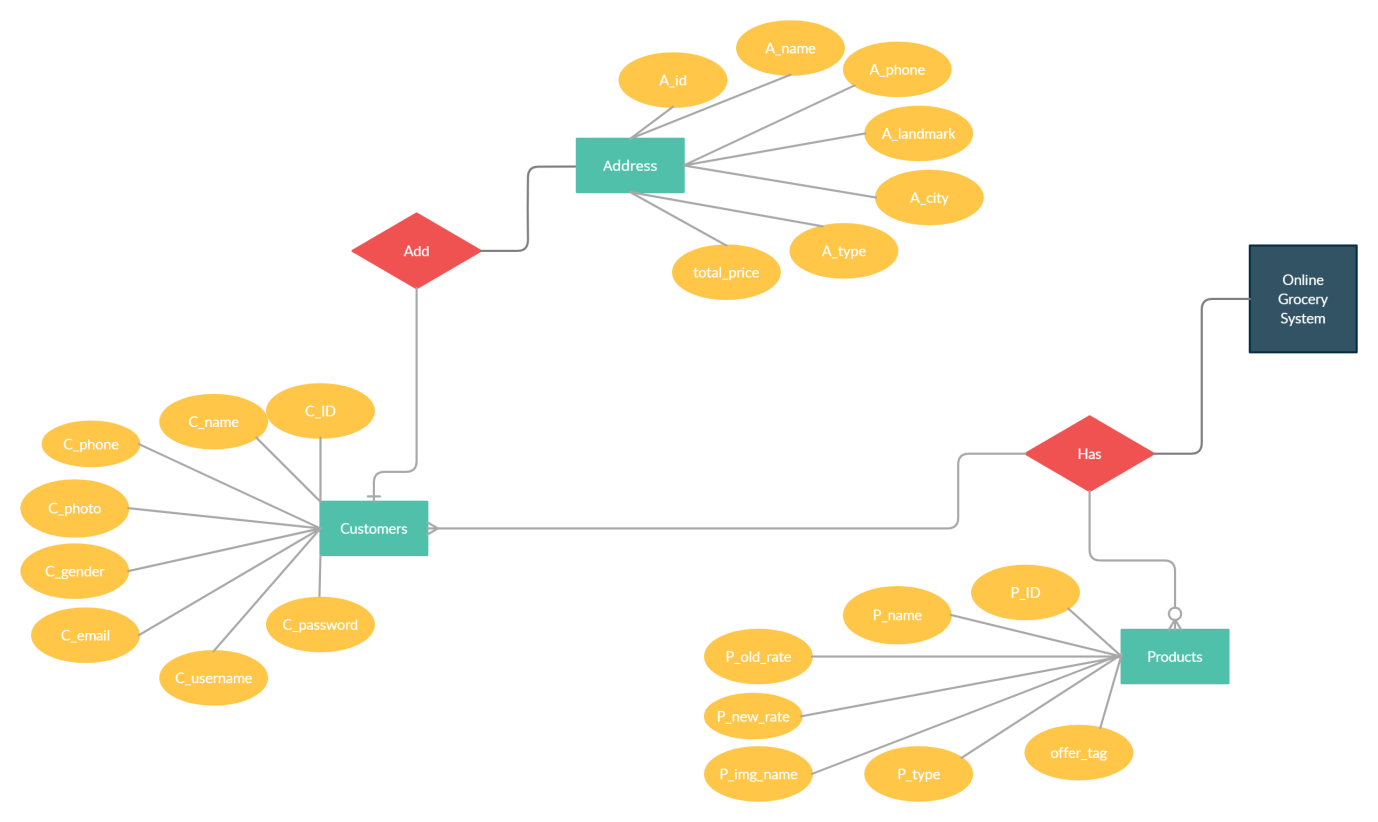


Fig (2): ER-Diagram of the online grocery store

Here, customers or visitors are the most important part of this kind of websites. The UI of the web application has been kept simple so that different types of users can use the website smoothly without any problems. Initially, the visitors or customers can browse in the website but if they want to purchase something then they have to login. If they have not registered yet then they have to register themselves by providing details like name, phone number, email address etc.

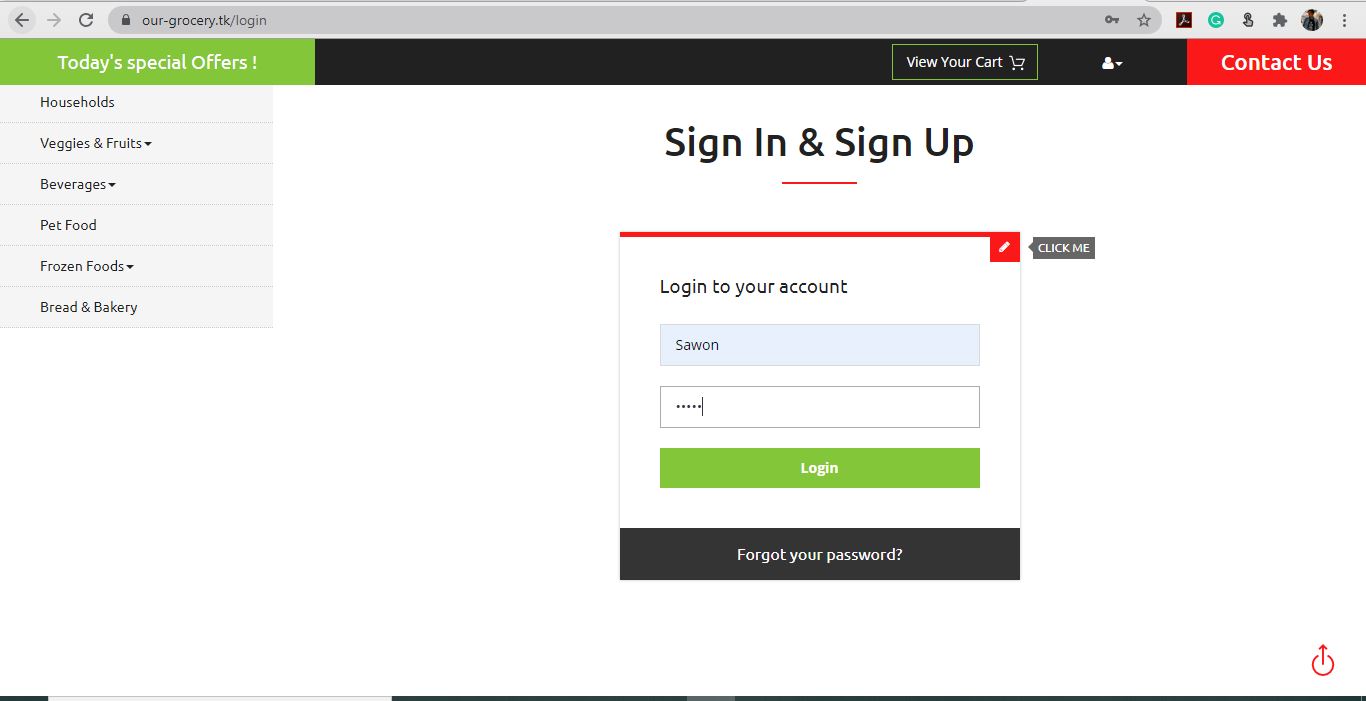


Fig (3): Login Screen

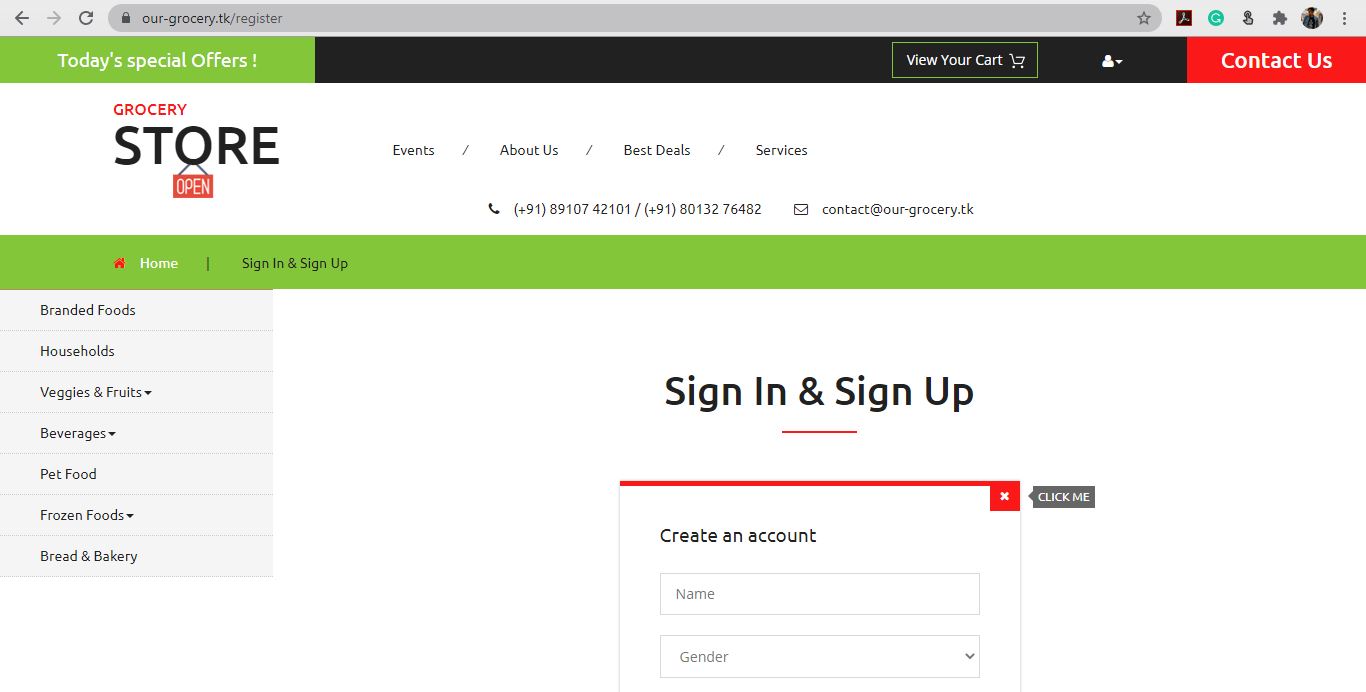
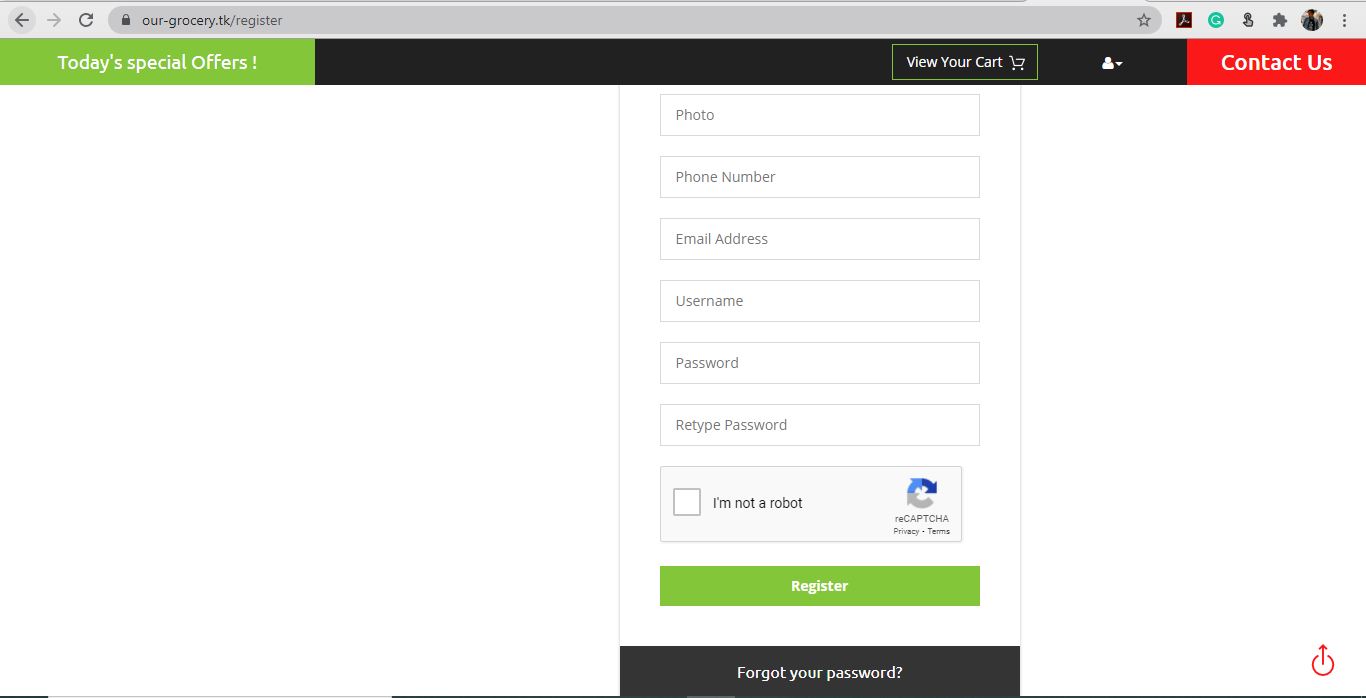
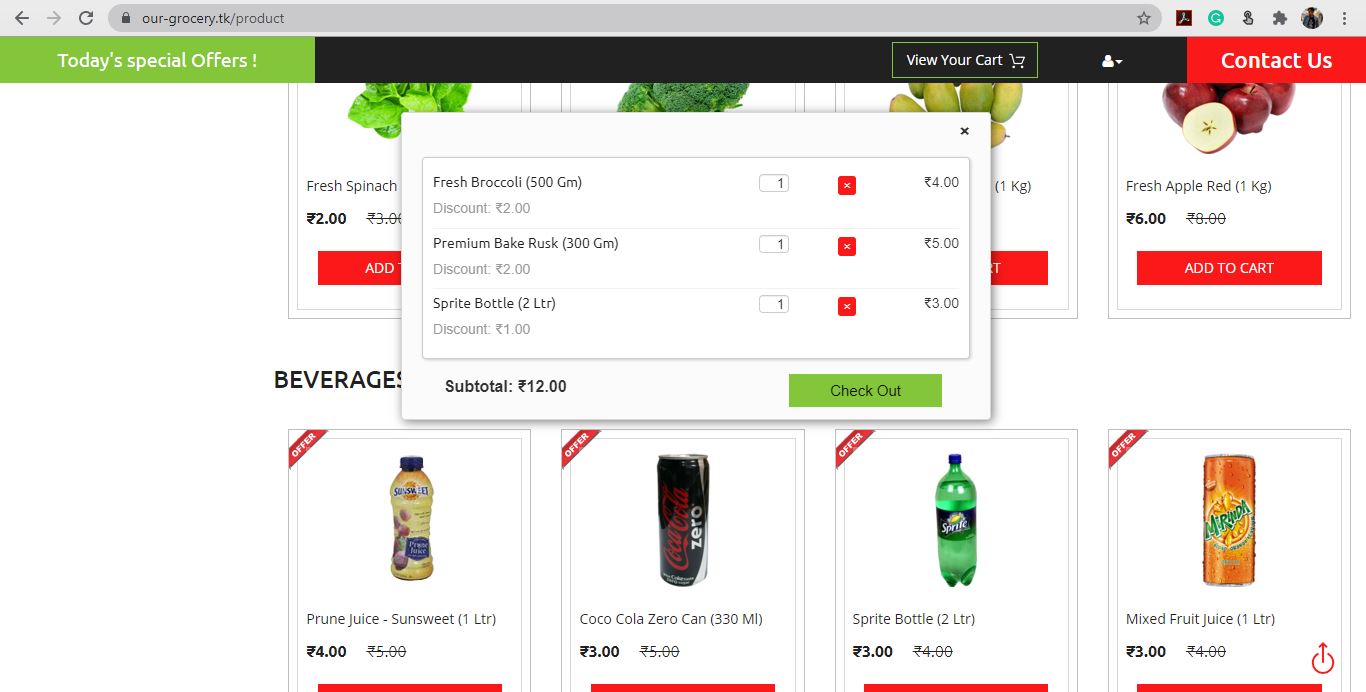
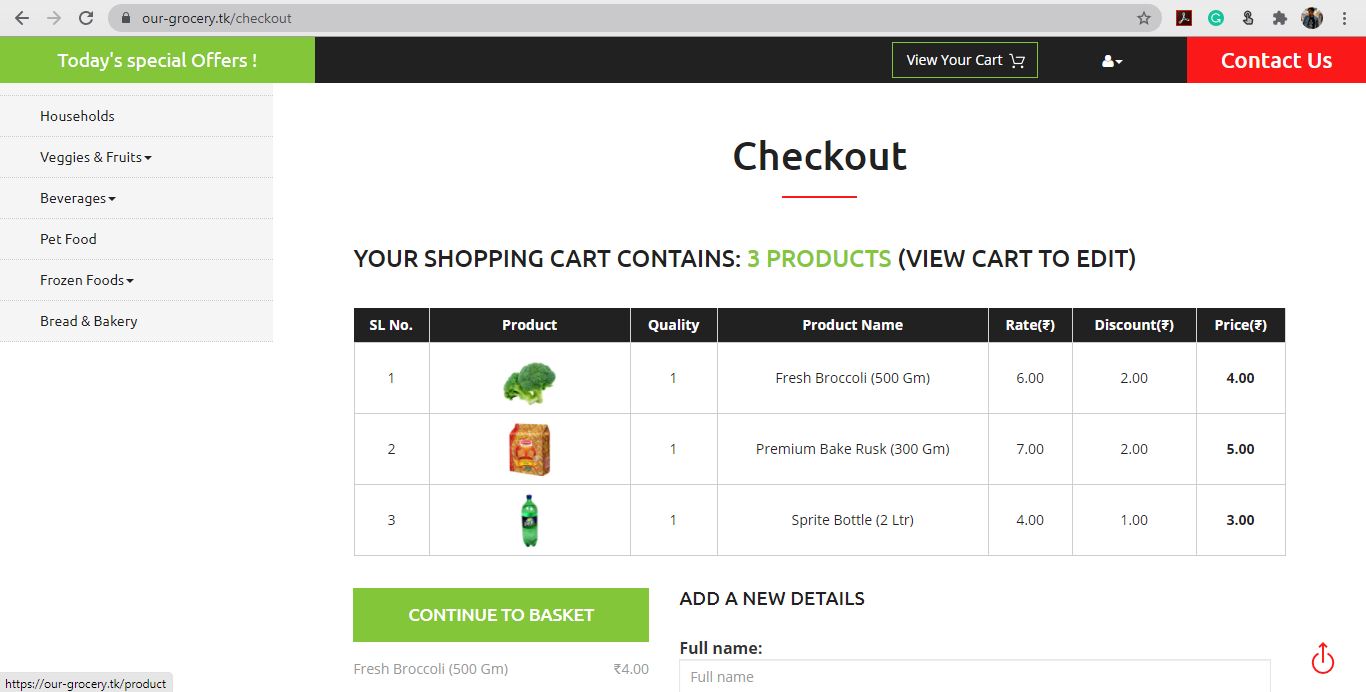


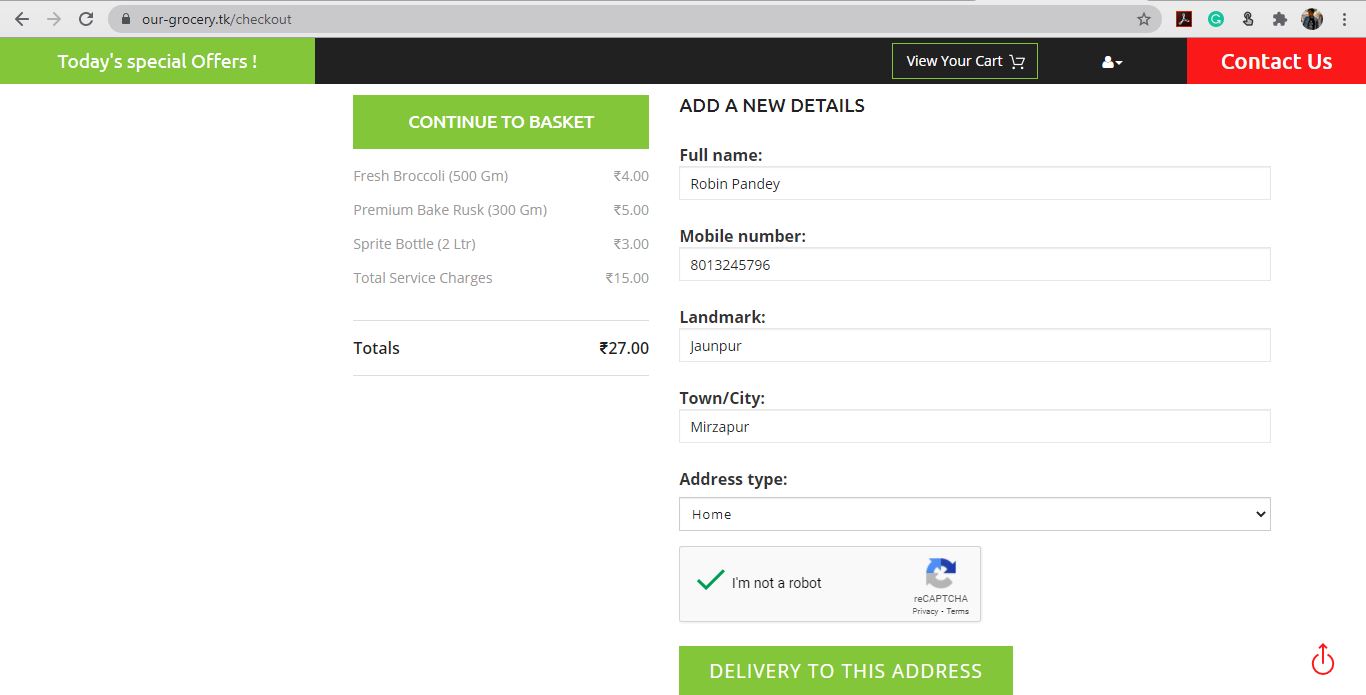
Fig (4): Registration 1.0

Fig (5): Registration part 2.0

After sign up and login customer can add products to their cart. Now we have added a little constraint that one customer should add more than two products to checkout. During checkout they have to give the details of the address where the store will deliver the products they have ordered.



Fig (6): Checkout billing details

Fig (7): Address details for checking out from the cart

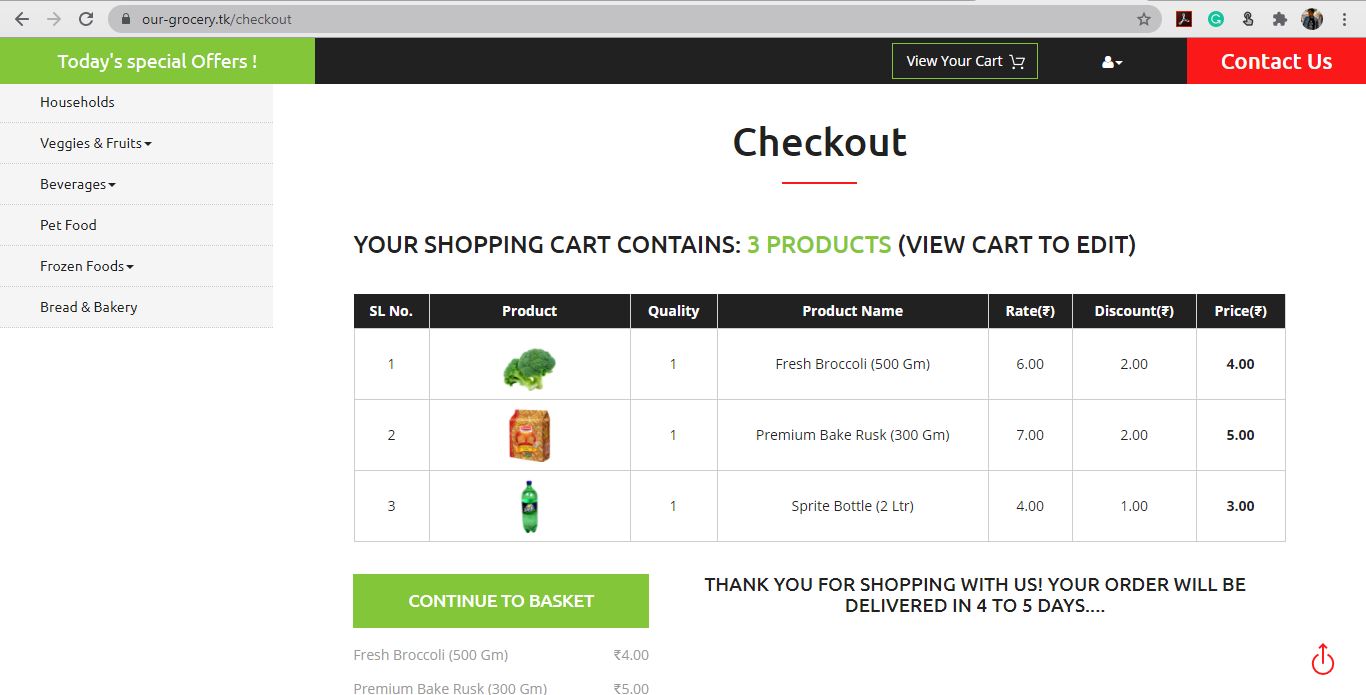


Fig (8): Checkout final message

1. **Code**