**Grocery Shop Automation System**

**Abstract**

In this internet era, we all know the importance of ecommerce. Basically, Electronic Commerce is process of doing business through computer networks. A person sitting on his chair in front of a computer can access all the facilities of the Internet to buy or sell the products.

Due to pandemic situation, All the shop owners of small shop had faced lots of problem for buying, selling and storing products. The customers had faced the problems of buying essential products etc. for buying something they physically has to go to shop and buy essentials. Big ecommerce web sites also provide this kind of service but this takes a time to deliver products. The only option available to customer is that to go to shop to buy it. In this project we are trying to solve this problem. By taking surveys to the small grocery shop we come to know that they sell their products to the people who are living in 2km. circle. So, we are going to develop the website which can help shopkeeper to manage and sell their product. And it will be helpful for customer to buy products from the shop.

In this project we are concentrating on Grocery Shop automation system. Basically, we are developing the website which will help shopkeepers to sell their products online. They can manage their shop through online portal. We will add smart inventory system to manage the inventory, there are lots of modules in which we are going to use machine learning like recommendation system, efficient inventory management, etc.