

# ONLINE SHOPPING MALL MANAGEMENT SYSTEM

ROHIN GOYAL-19BIT0140  
SUBHAM S. PANDA-19BIT0093  
ADITYA-19BIT0139  
AARUSH AGARWAL -19BIT0098

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Teacher's name

Kiruba Thangam R



## PROBLEM DESCRIPTION

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### PROBLEM STATEMENT

The currently existing online shopping mall management systems have a lot of flaws, a major one being the huge physical distance between the product and customer even though the product is locally available. This results in more shipping costs and also not the availability of items having short shelf lives because shipping to long distances takes time. Also, this takes away potential customers from local vendors because most of them are not aware of ways to keep up with the e-commerce stores.

### ABSTRACT

The proposed system of online shopping mall management aims to integrate local vendors within the existing shopping mall management system. This will eliminate long shipping distances and also promote economic development at the local level as the local and rural people having talent get to showcase their skills on a global platform and put their products to showcase, thereby supporting the motive of Make In India and also give the customers a faster and better experience.

### EXISTING SYSTEM

- There are a lot of shopping malls and e-commerce stores that take products from some wholesale stores from the shopping mall operation point of view.

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- There are a lot of products like the one belonging to the agricultural sector and the marine sector are highly dependent on the time and environment for supplying the goods.
  - A lot of times there happens to be an issue with the stock in internet shopping malls because producers and sellers are different in many cases.
  - There are times when some customers cancel large preorders, in that case, the sellers have to incur large losses including extra shipping charges because of the distance for which the products are shipped in the currently existing online shopping mall system. Also, this decreases the efficiency of the system overall.
  - Also because of the rising number of e-commerce conglomerates, the local vendors are losing their potential business opportunities.
  - Almost every person in charge of shopping malls has his own list of producers and takes care of them. If other shopping malls start the price-down event, there suddenly occurs a change of order, which results in a stock issue.
  - Because of this risk, MDs tend to preorder the least number of products, and it can be a problem.
  - Also, there can be a loss of stock when the price changes within the period of free cancellation.

## **PROPOSED SYSTEM**

- In order to solve the problems, such as the influence of the natural environment and other surroundings, the proposed system aims to effectively manage the relationship between producers and sellers through the system on the internet shopping malls.
  - In the proposed system of online shopping mall management, local vendors can register their shops and the products and services they offer on the online shopping mall.
  - As a result, when a customer orders a product the approach will be to find the nearest shop offering that product and the price and the customer will have the option to choose the store from which he would like to order based on previous reviews and his preference.
  - This as a result will reduce the shipping costs by a lot and also, therefore, enable the customers to buy the product at a lower price.
  - Also, the losses that we talked about in cases of large cancellation of the preorders will not be as large in this case because the returning process from the customer to the vendor won't take more than a few hours rather than days as in the old system.
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- The proposed system also provides the local vendors more exposure on a global scale as they can list their products online in a few simple steps thereby encouraging movements like Make In India more and also promote economic development on a local scale thereby helping in an economic boost of the country.