**MAIN PROJECT ABSTRACT**

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**ABSTRACT**

**FIRST-STEP** is a web application. The central concept of the application is to allow the customer to shop virtually using the internet and allow customers to buy the item of their desires from the shop. The application is designed into two login, first is for the customer who wish to buy the item and second is the admin who maintains and updates the information of the product. The user can view the complete specification of each product. The customer can view the product either by using the categories and by filtering based on price, color and size. The search engine provides an easy and convenient way to search for products by product name, category and size. If the customer wishes to buy the dress, he can add the product to the cart. The customer can view the ordered list in the cart and also remove from the cart. If the customer wish to add the product to wishlist then he can add and also remove from it at the same time. The payment can be done through online if the customer wish to buy the product. The admin on the other end manages all the details regarding the customers and the products. The admin updates the information of the category, products and their availability. The admin maintains the seller, delivery agent and manage products. The seller can login to their dashboard and upload the images of the products and other details. The delivery boy can login to their page and view the product that has to be delivered to the customer and if the product is delivered then he can update that status. The user can also view similar product by uploading the image of the product.

**Modules of the Store**

1. **Admin Module**

Admin must have a login into this system. Admin can handle all over the system like edit, update and delete.

1. **Customer Module**

Customer can register and they can order for product, add to cart and can do payment if they wish to purchase the product.

1. **Delivery Agent :**

The delivery agent need to register with email or mobile and also undergo verification section. The delivery agent can see the products which are ready to be picked up from shop.

1. Login
2. View packing status
3. **Seller**
4. **Market Basket Analysis**

**WORKING OF NATURAL SYSTEM**

In natural system people have to physically visit the store for purchasing kids products of their needs. They search the needed item by the help of the store keeper manually. In this method time as well as physical work is required. There is a chance that the customer demanded product or item is not available on the store.

All records related to Products, Sales, Payment are stored in registers or database. The whole data manually managed by assigned person. The person maintaining records has to take great risk.

**DESIGNED SYSTEM STUDY**

In the Online Kids store, the customer can purchase kids items through a web browser and the customers can search for products as needed according to category. The items or products are divided into many categories. Selected item can add to the shopping cart and finally purchased. The store owner can manage products, categories, delivery and the customers. The user can login using his account details or new customers can set up an account by registering. The delivery boy can login to their page and view the product that has to be delivered to the customer and if the product is delivered then he can update that status. The customer can find similar products by uploading the image of the product.

**Main Functionalities**

1. **Review**

Customers can give feedback after they buy a book by the review option.

1. **Delivery Agent**

There will be a page for delivery boy which shows the delivery information with

address of the customer. By obtaining the details the delivery boy will deliver the

products. After delivery, the can update the product as delivered.

1. **Market Basket Analysis**

The seller who login into their dashbard can analyse and understand the association between purchasing products. The aim is to determine which item are frequently bought together by customers. This analysis help in identify the regular customer, products which are sold more.

**Technologies Used**

FRONT END : Html, css, bootstrap

BACK END : python(django)

DATABASE : mysql