

# **MINI PROJECT ABSTRACT**

## **Topic: Online Musical Instrument Store**

Online musical instrument store that allows music enthusiasts from all over different regions to buy musical instruments of their preference sitting at home. This application is designed to manage and purchase instruments. Customers will be able to browse instruments and order them through online payment. It displays all the information regarding each instrument's description, price and delivery details. It helps customer to purchase required instrument without visiting the actual store.

### **USERS**

- Admin
- Customer
- Delivery Agent

#### **Admin**

Admin is an authorized person who has all the rights in the system including customer management, product management, managing services of purchased products, delivery agent management, stock management, reports.

#### **Customer**

Customer can register and login into the website and they can view and search instruments. Interested product can be added to wish list, cart and able to order them online. They can make payment via online for their orders. User can have a three-dimensional model view of instruments displayed in the website.

#### **Delivery Agent**

Delivery agent need to register and login into the site so that he can deliver products according to each order.

### **Functionalities**

Customers can search for wide variety of instruments and able to order them anytime according to their conveniences. Through online shopping user can save enough time invested in purchasing the required one. Admin manages customer, delivery agent, services and orders. Customers have to register with their email. They can browse and add product to cart and order them by paying online. After purchasing the order bill will be generated for customer. They can give feedback for the product through this site. Customer can view the product in a three-dimensional model. Delivery agent can register and deliver product for each order.

## **Natural System**

To purchase an instrument the customer needs to visit the shop in person and from the available products they have to choose and buy them. Offline stores manage orders manually and it is considered as a time-consuming process. Currently instruments store manages purchase through offline. Customer personally visits the store and buy them. Product categorization, selling, stock maintenance is carried out manually. The store owner needs to keep all records in the form of paper works.

## **Designed System**

Customers can browse the website and place orders whenever they wish via online. They can place the orders and make payment online or cash on delivery. One can watch and choose instruments he wants to buy. Online shopping affects business growth in a rapid way, because more customers will be engaged through this platform. Online shopping site include bajao.com which provides shopping facility in the form of an ecommerce website.

## **Technologies used**

Front-End: - HTML, CSS, BOOTSTRAP

Back-End: - Python (Django)

## **Weekly Plan**

Each function of the project modules planning to complete in each week.

**Future Scope:** Three-dimensional model view of instruments. Planning to give answers to the common queries related to instruments.