# MINI PROJECT - II
## (2019-20)

# E-commerce Website

# SYNOPSIS



# Institute of Engineering & Technology

# Team Members

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## About the Project:

This project is a web based E-commerce website. The project objective is to deliver the online facility application into our own platform. It is the process whereby consumers directly buy goods or services from the website, and provide all the information related to online shopping products. In this project their is a single user login customer. This system will provide all the information related product and after login customer can see the product details, place order product, and view all product history. Without login, customer cannot be able to place order and make payment and customer can only view all product related information like type, category, company, etc.

## Motivation:

1. To introduce new products and services.

2. To reduce transaction costs.

3. To meet customers demand.

## Features:

The system will comprises of 4 modules as follows:
1. Product   module
2. Type   module
3. Category module
4. Login module

## Description:

1. **Product Module:**

    The main aim of the module is provide all the details functionality related to products. The product module store the details of the products in the database.
    **Features**:

    1. Customer can see the list of product details.
    2. All product forms are validated on client side using Javascript.

2. **Type Module:**

This module manages the product type.

**Features:**

**1.** Customer can see the list of all types.

3. **Category Module:**

This module has been developed for managing all the information of the product Categories.

**Features:**

1. Customer can see the list of all categories.

4. **Login Module:**

This is the login form from where customer can login into the website.

**Features:**

1. Customer can add new login records.
2. Customer can see the login details.
3. Only customer can edit and update the record of login.
4. Customer can change the password.

# Requirements and Specifications

1. **Hardware Requirements:**

1. Processor          :   Intel    dual Core ,i3
2. RAM                    :      2 GB
3. Hard disk          :   80 GB

2. **Software Requirements:**

Software Requirements deal with defining software resource requirements that need to be installed on a computer to provide optimal functioning of an application. These requirements or pre-requisites are generally not included in the software installation package and need to be installed separately before the software is installed.

In our   E-commerce website we need to install two software:

1. Python- All the business logic has been implemented in python.
2. Django- Project has been developed over the django framework.

**Benefits:**

1.  It supports the Stripe payment option, giving buyers the liberty to make transactions without paying any extra fees.

2.  It offers more marketing tools such as custom gift cards, discount coupons, store statistics, targeted email marketing, and more.