**INTRODUCTION TO PROJECT**

**1.1 Department Overview**

**1.1.1 IT Center Govt. Emerson College, Multan:**

**The IT Center at Govt. Emerson College has got state of art of the infrastructure and communication links:**

* High speed Internet
* Secured FTP Sites for Data Interchange
* Email at all locations
* Firewall security
* User level internet access control system
* Air-conditioned space
* Locations fully equipped with latest software and hardware
* Video and audio conferencing capabilities
* 100% power backup

**1.2 Project Description**

In today’s busy world, people don’t have time for their personal needs. And the technology is so fast that anyone can do anything by just sitting in a room. The internet is the way that helps a person in all aspects. If someone wishes to buy and view things, he can buy online with the help of internet.

Today there are smaller number of people who are manual. Everything is going to be computerized and online whether it is banking, advertising or shopping. I am trying to help people to make their life easier by proving a decent online shopping experience.

The project name is “**SmartShop Computer Accessories**”. It is design to facilitate users with an enrich online shopping experience. In this I have introduced many modules like admin module and customer module. The customer has to register in order to buy products. The unregistered person can’t buy the products unless he/she registers. The registered customer can view details of accessories and he can buy the product of his choice and need. He has to pay the price of the product of his choice.

The admin module contains the access of admin on the application. The admin can change everything in the application. He has the ability to add, delete, and update any information regarding the products. He can add new products, edit product details, and delete products from any category. Additionally, admin can manage categories, add new categories, delete categories, etc. He can also view orders list and details.

The project’s home page shows various products available on the site. Categories are shown on the sidebar. The registered users can login to their account for their queries or order new products. They can add products to Cart and from there they can check out. And the unregistered users have first to register. The registration can be done by following the sign up link.

**1.3 Components of the Project**

1. **How to Login?**

In this module, the user will enter his username and password to view and buy latest products. There will be 2 types of users: Administrator and Customer

1. **How to be a member of this site?**

In this site, the candidate easily become a member, if he is not a member yet by pressing sign uplink. User should provide some details that are asked to join.

1. **How to view the product details?**

Any computer accessory available on the site can be viewed in details by selecting the product image.

1. **How to Order?**

First, the user has to login and then he will browse the products.

He can add products to Cart, if he wishes to buy them.

Then from Cart option, he can check out to confirm the order.

To check out, user has to provide details such as full name, address, etc.

The order information will be sent to admin, where he can start shipping.

There he will select the accessory he wants to buy and click on shown

Product details and he can purchase that accessory.

All the details regarding that selected product will be shown to the user text

field.

1. **How to pay money?**

Payment can be made in cash upon the product delivery