North South University
Department of Electrical and Computer Engineering
Project Proposal

'E-Commerce Web Application'

Database System Lab
CSE311L
Section: 2
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Introduction

E-COMMERCE is commonly known as electronic marketing. It consist of buying and selling goods and services over an electronic system such as the internet. Nowadays the popularity of e-commerce application is growing rapidly.In this app, Customer have to sign up to buy products. This app will be very user friendly. The products will be present with respective categories,that's why people can find their desired products easily.

Objective

- To learn implementation of Database
- To learn full stack web development.
- To improve problem solving skill.
- To contribute in our business.
- To increasing sales in our business
- For better advertisement

Target Customers

- People who love to buy clothes from online.

- Those people who are looking for well organized and categorized online shopping mall.

Value Proposition

This web application will save time and money of a customer. It will reduce customer's unnecessary hassle to buy products in offline shopping. It will save time cause the products will be present in well categorized, so people can easily choose their products.

App Feature And Brief Description

Anyone can visit the first page of the website. It will show some popular and recent products.Category list will show in first page. But people have must sign up for buying products from this website. Customer have to register with their valid email address. When s/he will registered,they can

- Buy products(clothes) with their requirements(like size,color etc).

- Search products via name(like t-shirts,shirts,sharee)etc.

- Review the products.

- Pay the payment via bkash.

- See the history of their past purchased products.

- This app will show the different categories products like child or age difference or gender difference dresses.

- Offer category will available where the only offered products available.

Tools and Resources

- **Fronted : ReactJs**(Javascript Library).

- **Backend: Laravel**(PHP Framework)

- **Database: MySQL**
- **API: bkash,gmail**(payment,email authentication)

Challenge

One of the biggest challenge for me is to manage dbms. As i'm totally new in database. So it will be really tough for me to maintain the databse of this website. Another challenge to design the user interface. API using is also challenging for me as i don't have any experience to using bkash or gmail api.