

Project Proposal

CSE311 - Database Management System

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Introduction

A buyer always wants to get the best value for money. They always want to learn about the product they are buying. But it is not an easy task for a seller to remember the specifications of all products at the same time.

A website can break the barrier for both of them. Not only a buyer can easily study and compare products but also the work of the seller also gets reduced.

Objectives

- Create a database containing all products.
- Create tables containing all attributes of an item.
- Provide registration and login system for users.
- Create Cart and Compare system among products.
- Create an optimized and user-friendly interface.

Target

- People who want to learn about components
- A customer who wants to select components sitting at home
- A customer from a remote area who wants to buy components through Internet

Value Proposition

This website will help the seller as well as customers at the same time. The seller will be more productive as the website will help him to save more time. Customers will be more satisfied as they will get the chance to learn and select the best product according to their budget.

Features

- A registered user will be able to save his desired item in **Cart**.
- An embedded **map** to help people can find the shop easily.
- A **newsletter** system to notify people about recent products
**(More features will be added if possible)*

Tools and Resources

- HTML / CSS
- Bootstrap
- Javascript
- PHP
- MySQL
- Google Map API

Challenge

The biggest challenge of this project is that I will not be able to use my prior languages or skills. I have to learn new languages as well as implement them in the project at the same time. As I chose to do all the work by myself, I have to spend quality time almost every day on this project.