GOA UNIVERSITY

TALEIGAO PLATEAU, GOA, INDIA

cyberamic

CYBERAMIC-" *Assemble your Beast*"

A one-stop destination to build your own personalized Desktop Computer.

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A one-stop destination to build your own personalized Desktop Computer.

DECLARATION BY CANDIDATES

We declare that this project report has been prepared by us and to the best of our knowledge.

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Introduction To The System

  "Cyberamic" is basically an online shopping and delivery site where the customer can choose the specifications for his personal computer from the products available on our site. Our site has a huge collection of brands of different peripherals from which customer has the freedom to choose.

  We came up with this idea because most popular online shopping sites don't have the option to assemble your own PC, the assumption being that many customers don't have the knowledge how, of course there are others out there who have the knowledge and would like to exploit it by building their own raw performing beast. For that we introduce "Cyberamic".

  The Customer can Choose from a particular product from different brands at one stop. Not all customers have the same taste and budget so we have a set an option of ranges and filters for the customer to use from, we also have pre-assembled PC's which are available to the customer to use or edit.

  This system has a simple yet elegant GUI(i.e A Graphical User Interface) to display the products efficiently for the users to choose from. Once he submits his order, we get every item from it and assemble it for the customer and then this assembled PC is delivered to the respective customer.

  The person responsible for the user friendliness of this system is the Administrator who is also the owner of the company. He has the responsibility to maintain, and add different products while removing redundant data and keeping the system up to date with the latest available versions of products on the market. He can make all sorts of alterations to the system, like accessing the source code and enhancing it.

Functional Requirements

- Must store information about every product.(like storage capacity, frequency, speed etc).
- Must Store information about the Registered Customer as well as system admin.
- Must Store information about the orders.
- Must store information about the delivery.
- Must store information of completion of transaction.
- Should Allow to view and compare products of same type.
- Should allow to track package.

1. **Owner(Administrator)**:
· The Administrator has full power over the site and can do everything related to the site administration. i.e.
· The Administrator can invite new/remove existing customers.
· The Administrator can modify the site content i.e. add/modify content on the site.
· The Administrator also plays the role of an inventory manager, i.e. add/update stock etc.

2. **Service Person**:
· The Service person takes care of assembling the parts of the cpu.
· The Service Person also takes care of customer services such as taking down complaints, servicing the faulty products returned.
. The Service Person also provides updates to customer about status of the product ordered or servicing of the product.

3. **Customer**:
· Creates accounts, places orders, writes reviews, gives feedback and rating.

About Our Database

A backend SQL database is to be used for our application. The website that we are developing aims to provide users with a variety of products to choose from according to their customization.

- The Backend database will store all the information of the products, it will also contain in depth description of products.
- The Database will also store information about the customers i.e their username, password, address.
- It will also contain information regarding orders placed customers and their required specs.
- It will store customer reviews and feedback, thereby providing further insight of the product and its attributes.
- The backend also stores information about the Admin/Owner/Editors that have the power to alter information about the products among various other things.