PROJECT REPORT

* PROJECT PROFILE:

**PROJECT NAME**: B2C PORTAL

**TYPES OF APPLICATION**: WEB APPLICATION

**PLATFORM**: WINDOWS 11

**DESCRIPTION**: B2C Portal is a “Business to Consumer” portal which is consists of different web portals like e-commerce such as Flipkart, Amazon, etc.

**FRONTEND**: HTML, CSS, JAVASCRIPT

**BACKEND**: SQL (5.0)

**WEB SERVER:** APACHE(XAMPP)

**WEB BROWSER**: GOOGLE CHROME, FIREFOX, MICROSOFT BLING, SAFARI

**DEVELOPED BY:** MR. HEMIL KORAT

* System Study:
* **PROPOSED SYSTEM:** It is a system which can be accessed by the user side to explore more about the website and the products/Items they are going to search for.

1. LOGIN
2. REGISTRATION
3. SALES
4. DISCOUNTS
5. CLOTHING
6. ELECTRONICS
7. GROCERYS
8. ACCESSORIES
9. ABOUT

* Aim and Objective of the Proposed System:
* Our main “AIM” is to give our users seamless experience regarding the items/product they search for.
* Here customers can find things very easily because of the effortless designing of the website which help the customers to search the items very easily.
* Here they will get large variety of, accessories, tech devices, etc.
* They will be also provided with an “Subcategories” option so that they can browse and sort precisely regarding what they want.
* We have very good management team which will take care of the bugs, error or any update needed to be done so that the user’s experience should remain clean and seamless.
* We will try our best to provide all the services they are searching for on our website so that they do not have to search for it anywhere else.
* Application Features:

1. Animated slide for all the information amazing discounts and upcoming sales.
2. Users will be provided with subcategories in all section of products so that they can explore more.
3. Effortless user experience and easy to understand website interface.
4. User can check their searched history so that in future if there are interested in buying any product, they will not have to search it again.
5. They will be provided with whole different section of “GROCERIES” so that their search can become more seamless.
6. Our website is connected with 50+ Grocery stores, making sure that our customers should get all the groceries they wanted on time without any problems.

* SYSTEM MODULES:
* Admin side:

1. **LOGIN:**

* It is controlled by admin whether it is required or not

1. **REGISTRATION:**

* Admin can control registrations done by the users and can checks the info. about registered user.

1. **SALES:**

* Sales can be controlled by admin side that when it should be updated on the website especially on festivals like Diwali, Janmashtami, etc.

1. **DISCOUNTS:**

* It is managed by admin side by giving discounts on the products and can also add extra discounts with the help of different payment options or by offering schemes on payment with card, with EMIs, etc.

1. **CLOTHING:**

* Admins can manage the amount of clothes they have to display on the website, they have the power of making things out of Stock and in stock.

1. **ACCESSORIES:**

* Accessories is managed by admins by providing various types of accessories related to different tech devices. Availability of the accessories is managed by them.

1. **ELECTRONICS:**

* Electronics is managed by the admin side by providing the needed electronics devices as per the demand of the users. Discounts and sales are also added by the admin occasionally.

1. **GROCERIES:**

* Groceries is newly/recently added features in e-commerce sites which requires frequent updates by the admin side, related to the stock available in the store. These items are on the sensitive side related to its freshness when it comes on an e-commerce site.
* **FEASIBILITY STUDY:**
* **Operational Feasibility:** The working of the application is up to date there are no bugs or error during the using the application. We designed the application by keeping the users need in the mind. It’s a fun to use application with a lot of information which a user needs to search about.
* **Technical Feasibility:** Technically users do not require any specific software or hardware to run the system. You can also run the application with as low as “WINDOWS 7” and with minimum clock speed of 2.50GHz.
* **Economical Feasibility:** This application is free for all the users no additional charges are required from the user side. This application is with minimum errors and bugs which gives users an effortless user experience with easy-to-understand user design. Users also requires their Email ID and Unique password for signing in the web application.
* **SYSTEM ANALYSIS:**
* **Required Specifications:** The following application is developed with the use of following system and specification to run It very easily and smoothly.

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| --- |
| WINDOWS OPERATING SYSTEM |
| INTEL CORE SERIES PROCESSORS WITH 2.30GHz |
| 8GB RAM/256GB SSD WITH DDR4 RAM |
| WINDOWS 7 OR LATEST WINDOWS VERSION |
| MICROSOFT BLING AND GOOGLE CHROME |
| MICROSOFT OFFICE 2021 |
| WIFI 5 OR ABOVE AND BLUETOOTH 5.0 |

* **CLIENT MODULE:**

1. **REGISTRATION:**

* Registration is the process done by the new users on the application, where they register with their email.

1. **LOGIN:**

* It’s a process done by the existing users who had already signed in into the application. It’s a client-side process done by the clients/users.

1. **SALES:**

* On client-side module daily sales on the goods and devices are shown on the website with the help of sliding animation. Which attracts the audience towards it.

1. **DISCOUNTS:**

* Discounts are also showed on the user-side related to various goods and devices. Different products contain different discounts depending on the demand of that product.

1. **CLOTHING:**

* In Clothing various products are included in variety of size and colors for men, women and children. They can select what ever they want from a large variety of clothes.

1. **ELECTRONICS:**

* Electronic devices are added to the site in large amount due to very high demand of it and they also get different types of payment option and various schemes so that users can buy their devices easily.

1. **ACCESSORIES:**

* It is one of the important categories in the application because of its demand amongst the users, accessories are displayed on the home p to attract the maximum number of audiences.
* Users can check out the manufacturer name, where it made, when it is made and many more about the product in the description. Which gives the users a wide option to select with.

1. **GROCERIES:**

* Groceries are newly introduced to the e-commerce sites, and its very much used by the users because if its convenience, we have added whole different section for the groceries so that users can explore in it. It contains huge number of items which will be fresh when it is delivered to you.
* We also sell groceries in a lot instead of single unit so that our clients can get some discount and can save money by getting the product in good deal.
* **DIAGRAMS:**
* **ADMIN SIDE AND CLIENT-SIDE DIAGRAMS: -**

1. **Module Hierarchies:**

1. **ACTIVITY DIAGRAM:**

* **ADMIN SIDE:**
* **CLIENT SIDE:**