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Accredited by NAAC with "A"

Project Report of New Business Plan

"ONLINE SHOPPING PLATFORM"

SUBMITTED BY- 3rd B.Com

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SORTER FOR ONLINE SHOPPING PLATFORMS .

INTRODUCTION :

EXISTING SYSTEMS:

There are various online platforms for shopping like Amazon, Flipkart, Myntra .But they have varying price for same listed product, which may vary from fewer difference to larger difference .So it is not cost effective.

POPULAR ONLINE SHOPPING APPLICATIONS :

PROPOSED SYSTEM:

Comparing to existing systems ,proposed system basically rely on cost .That is it compares the selected product price in various standard platforms like .
Amazon and Flipkart(For basic products)
Amazon ,Flipkart and Myntra(For Fashion Products)
   And suggests the same product having reasonable price(least price) and platform having that product.

HP Pavilion Gaming Core i7 11th Gen - (16 GB/512 GB SSD/Windows 10 Home/4 GB Graphics/NVIDIA GeForce GTX 1650/144 Hz) 15-DK2075TX Gaming Laptop (15.6 Inches, Shadow Black & Ultra Violet, 2.23 kg, With MS Office)

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Style name:
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PURPOSE:

- There are various online shopping application having different prices for a same product. But there is no proper application to compare and provide the best price possible for a product.

SCOPE:

> - As many people are intended to shop through online .It acts as a proper platform to buy a product at reasonable price and with good user interface.

ADVANTAGES :

➤ **Cost Efficient :**
It provides the same product with reasonable price.

➤ **Time Efficient:**
Buyers need not to search in all platforms.

➤ **Good User Interface:**
Provides good user interface for buyers.

ADVANTAGES :

➤ Idea about offers:

Buyers get an idea about ongoing offers on particular platforms.

➤ Idea about new launches:

Buyers get an idea about new launches which are listed on particular platforms.

REQUIREMENTS SPECIFICATIONS

- ➤ Functional requirements
- ➤ Non-functional requirements

FUNCTIONAL REQUIREMENTS

Front end (Store front) Requirements

Connecting to Application with Valid URL

- User Home page: All features availability
- Registration
- Taking Login Name
- Taking Password
- Taking confirm Password
- Taking first name
- Taking middle name
- Taking last name
- Taking e-mail in the e-mail format
- Taking phone number (Mandatory)
- Taking address including city, state, zip, country
- Submitting the form
- Resetting the form

Login

- Taking user name
- Taking Password
- Providing forgot password option
- Submitting e-mail address and getting user info through our mail ID
- Submission of the Login

Products Catalog

- All entered categories and products availability.

Products search

- Taking input values and finding
- Displaying results in another screen if not found providing message

Advanced search

- Selecting category & taking product name. Taking price range, color etc and finding.
- Displaying result as per customization of not available providing message

Shopping Process
- Browsing through categories, selecting products to buy.
- Able to view detailed information in the separate screen.
- Choosing quantity and continue buying
- Updating quantity and removing requirements

Checking out
- (completing transaction by providing payment option)

Price list
- Getting existing products price list in detail.

Back end (Administrative Tools) Requirements:

Login operation [Taking User ID & Password]
* Providing forgot password option & sending user information through e-mail.

Special offers
* Adding special offer defining [missing requirements]
* Viewing & Deleting the special offer details.

Orders information
* Searching orders and selecting the various types of orders.
* Retrieving the selected type orders

Customers information
* Searching registered customer's details and finding.

Discounts
* Configuring discount system.
* Defining discount rates based on order amount & customer.

NON-FUNCTIONAL REQUIREMENTS:

Usability Requirements
- Colors what we use in this Web Portal design are must be attractive.
- Fonts that uses for User Interface (Customer Store front) Design are must be in Uniform.
- Easy Navigations are preferable to do any task.
- Multiple flows (ways) are preferable to do any task.
- Home page Should be Centralized System (Screen/Window) to go to any feature and to get any result.
- The facility to return to Home page from any page Should available.
- Labels of all Objects in the entire system Must be in Understandable form(Meaningful form).

Performance Requirements
- It has to load, with in the Industry Standard time.
- It has to support up to 2000 Concurrent users.
- It has to update the database in short time in order to reduce the stock verification problems.

Compatibility Requirements
- It should support all types of Hardware versions, Operating Systems and Browsers.

Operating Systems
- Windows98 and upper Versions.

Browsers
- IE 5.0 and higher versions, Mozilla Firefox, AOL, Netscape Navigator.

Hardware
- All leading Brands

USE CASES :

Register:

- Requires Name ,Email id ,Password ,Address ,Phone Number .
- Success :Confirmation to email will be sent .
- Failure :User has to check for invalid credentials .

Login:

- Requires Email id ,Password .
- Success :User is logged in and will be directed to home page .
- Failure :Invalid Email id/Password .

USE CASES :

User Operations :
- Success :Changes will be reflected in user profile .
- Failure :Error message will be displayed .

UNIFIED MODELLING LANGUAGE (UML) DIAGRAMS:

Welcome Page :

WELCOME PAGE :

> Input :User will either select Register or Login button
> Operation performed :Depending on the click of user the corresponding page will be loaded .
> Output :The welcome page will redirect the user to the corresponding page .

Registration Page :

REGISTRATION PAGE :

- Input :User must enter valid credentials
- Operation Performed :Confirmation link will be sent to registered Mail Id .
- Output :If the credentials are matched ,user will be directed to home page after email confirmation .Else invalid credentials will be displayed on registration page itself.
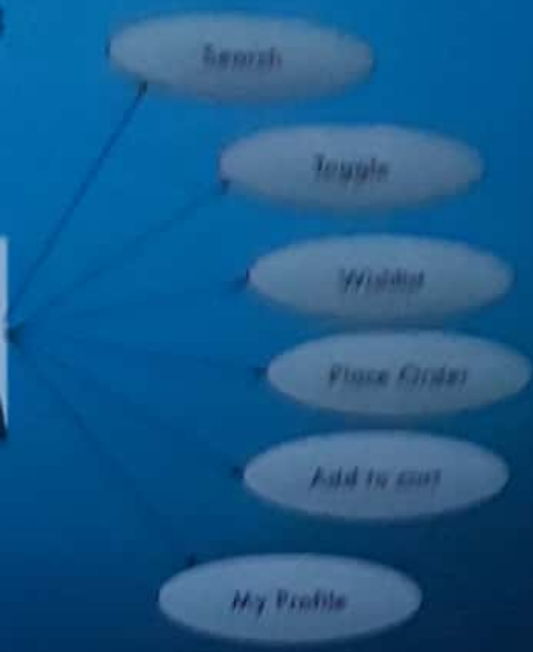
Login Page :

Login Page :

- Input :User must provide valid Mail Id and Password .
- Operation Performed :The provided information is compared with the details in the stored database.
- Output :If the credentials are matched ,user will be directed to home page .Else invalid credentials will be displayed on registration page itself.

HOME PAGE :

- Search
- Toggle
- Widget
- Place finder
- Add to cart
- My Profile

HOME PAGE :

- Input :Desired operation will be specified by the user .
- Operation Performed :The system tries to perform the requested operation in database .
- Output :Successful Operation will be reflected on the display

PROCESS MODEL :

- We have adopted Spiral model for this application.
- Because if any other online platforms become popular, that has to be incorporated in our application.

SPIRAL MODEL IN SDLC

Enter your sub headline here