**Discount Tracker**

**Problem Statement:**

Whenever we want to find out available discounts in the city as per products category wise , area wise and available discounts wise , If any application is available then it will be benefit for the users. So at last our application must deliver the details of discounts to the customers and shop owners has to get more benefit to connect with more customers.

**Objective:**

This project must allow the shop owners to provide and register their discounts. Shop owners must able to set the discounts in a dynamic nature. Customers must be able to find out the current discounts as per area wise , category wise and as per minim discount wise too. Customers can get the new discount details to their mobile numbers.

**Existing System:**

Here we are going to discuss one example to understand the existing system. Consider if one customer has started from his home to buy a product like a dress, he entered into one shop which is at one area, he liked one dress , he want to buy it, but suddenly he got one douhgt whether this product may available with more discount in anther shop, then what is the situation now, this customer may leave from current shop and he can rush into another shop , again there in the second shop he got same dought , then again he can rush into anoth.er shop, this is the problem in the existing system, that means customers are not able to find out the best discounts in the city.

**Problems With Existing System:**

1. Customer is not able to get the updated discounts
2. Papers based explore about the latest discounts
3. No Dynamic Discounts
4. Customers are missing discounts of all the shops
5. Shop Owners are not able to rush their discounts into the public with in short time

**Proposed System:**

We are proposing an application named as discount tracker , where customers can find available discounts in the interesting city. Within this proposed system customers can find discounts , offers by place, by shop, by product type, by manufacturer type etc..Customers can set stop value to get the discounts about products available as again by place , by shop, by product too. By this nature of our proposed system we are setup a platform for the customers where they can get more benefits. Future discounts can be also find by the customers. As a shop owner who is the one of the user of our application can manage all the discounts as per product wise , manufacturing wise etc..Shop owner can set future discounts also to rush immediately into the market to reach more customers.

**Feature Scope Of Proposed System:**

The following some major key features of our proposed system

1. Customers & Shop owners must be able to authenticated before accessing this application
2. Shop owner can post their available discounts
3. Discounts information will be managed in different ways like by Manufactures, By Place, By Product Categories, top discount products etc...
4. Customers can search available discounts by different criteria like by place, by minimum discount percentage, by product name, by manufacturer etc...
5. Customer can set up stop value for getting their expecting discount percentage to get more benefits
6. Stop Value Discount can get sent to Customers Mobile Number for who has subscribed for mobile alters.
7. shop owner can set future discounts which can display as per fixed time mentioned by shop owner earlier.

**Software Environment:**

The following are the list of software we are using to implement this application

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| --- | --- |
| **Web Technologies** | : HTML,Java Script, CSS |
| **Business Development Languages** | : Java, Servlets,JSP |
| **Data Base Connectivity** | : JDBC |
| **IDE(Integrated Development Environment)** | : Netbeans |
| **Web Server** | : Tomcat |
| **Operating System** | : Windows XP or more |
| **Design UML Diagrams** | : Star UML |
| **Documentation** | :MS-Office |

**Hardware environment:**

The following are the hardware requirements with minimum configuration to get better performance of our application

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| --- | --- |
| **Processor** | :Pentium 4 or More |
| **RAM** | :Minimum 1GB |
| **Hard Disk** | :Minimum 40GB |
| **Basic Input and Output Devices** | :Keyboard, Monitor |