

*A Mini Project Synopsis on*

**SMART DEALS**

**S.E. - I.T Engineering**

**Submitted By**

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**Under The Guidance Of :**

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**Academic year: 2022-23**

## **CERTIFICATE**

This to certify that the Mini Project report on **SMART DEALS** has been submitted by **Siddhi Desale (21104135)**, **Praniv Warungshe (21104031)** and **Siddharth Devare (21104136)**, **Harsh Jikamade (21104073)** who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfillment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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- 1.
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Place: A.P. Shah Institute of Technology, Thane

Date: 03/10/2022

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# Chapter 1

## Introduction

Every website visitor who aims to buy a product or purchase a service wants to know what will be the benefit for them. As they visit the pages, they can compare the products, especially if they came from different vendors. This usually happens to B2C and B2B websites.

As the owner of the website, it is crucial to take note of these visitors' behaviors. When they do according to their preference, more visitors, users, and potential visitors will come to the website to see the available products. Ensure that the comparison in a page is apparent and easy to find. Before creating a comparison page, it is essential to know the guidelines to make it acceptable to the audiences or readers. Although there are several ways of implementing it on a web page, knowing the right way of doing it will save more time and effort in creating one.

When creating comparison pages, you should always think outside the box. It doesn't work simply to present the difference between two products or services, but it also aids in potential client's decision-making. By placing the product's or service's specifications side-by-side, you give better ideas on choosing the right one, since these customers have their own preferences.

Evaluating one product from another can use varied methods. Thus you need to use different strategies, including the different types of comparison tables that will work best for comparing the products.

- **1.1 Purpose**

- a. Comparing the price of a product is a really tiring process.
- b. Hence, we are trying to create an online website to make the comparison process easy.
- c. Here users can get the price of products from all e-commerce platforms.
- d. Users can get information about ongoing offers on that e-commerce platform.

- **1.2 Objectives**

- a. It will help in improving the efficiency of the comparison process.
- b. It will give user prices of products across all e-commerce platforms.
- c. It will provide the available offers across e-commerce platforms.
- d. It will help users to get the best deal with less effort and time.
- e. The comparable products' overview of the similarities and differences
- f. There are hundreds of articles, research papers, and reports out there where you can find up-to-date statistics on eCommerce sites.
- g. Make a bulleted list to showcase the main characteristics of the product or service.

- **1.3 Scope**

- a. It can provide SMS based alerts and email notifications for reminders.
- b. Can be useful to the users.
- c. Can work smoothly according to needs.
- d. The system will store and recognize user reservations.
- e. For security and privacy of the management.
- f. Detailed information stored by these systems enables them to calculate and provide reports on various electrical measures such as cash flow , profitability and payments errors in addition to use of regular dealing software.

## **Chapter 2**

### **Problem definition**

Confusing product benefits with product features so when a user wants to do a comparison between two products , It takes more time to search the product on different websites.

A good site-search solution should be able to track customer behavior and adapt to it. If on-site behavior is not tracked, the customer will see irrelevant products in their searches, solely based on the provided keywords, not even taking popularity or current discounts into account.

And then there are the potential technical issues like timeout errors and website crashes. There are very few more irritating experiences than a website breaking down in the middle of a check-out process.

## **Chapter 3**

### **Proposed systems**

The solution for this problem statement can be by creating an online marketplace and promoting the website so that it can create awareness and people know about this website and that they can browse on these websites easily for simplicity.

#### **3.1 Features and Functionality**

- a. It's a platform on which the user can compare the products easily in a digital way.
- b. With the help of GUI we can make a Comparison page for a particular product.
- c. With the help of DATABASE users will get proper information about the product.
- d. Comparison page holds the products from different websites on the same page.
- e. Users can compare the products by their specifications mentioned on that page.
- f. It is protected by high-security measures and controls so that the data won't be interrupted.
- g. It features a high-performance speed along with accuracy.
- h. It explains the two products' features individually, citing their benefits and relevance to a specific customer. Comparing two products will also cite the better option, backed with evidence and functionalities presented on a page or table.
- i. It can store the data efficiently to help process it for better look.



- j. It explains the two product's features individually, citing their benefits and relevance to a specific customer.
- k. Having a Product Comparison enables you and your visitors to see if your featured items or products are better than your competitor companies or businesses.
- l. A Product Comparison is a simpler version of Competitor Analysis. It compares two products in a way that the readers can grasp instantly.
- m. Comparing two products will also write the better option, backed with evidence and functionalities presented on a page or table.
- n. Evaluating one product from another can use varied methods. Thus you need to use different strategies, including the different types of comparison tables that will work best for comparing the products.

## Chapter 4

### Project Outcomes

- a. Users can log in.
- b. Users can search for a product that they want to buy.
- c. Users will get a better look for a product across all e-commerce platforms.
- d. Users will know all the offers available on e-commerce platforms.
- e. You cannot review or compare a product without trying it yourself. So, before you start comparing, ensure that you have enough research, supported by many testimonies. Buy the product, or if your website is already well-known, you can ask the company to sponsor you in return for advertising their product.
- f. When you subscribe to a service, you might want to finish the subscription before creating a comparison chart. Trying the subscription or the product firsthand will help you review in being unbiased in comparing one item to another. You can also record them and see how it affects you in the long run.
- g. If you don't have the luxury of buying all the products you want to compare, you can ask your friends and other individuals who purchased them. Thus you gain the required knowledge of its functions and features.
- h. Research using Google and look for authority websites that review the product. you can use the product's name and type the 'vs' before the competitor's name. There would be more suggestions, but be careful in looking for the articles because you will find paid or sponsored websites.

## **Chapter 5**

### **Software Requirements**

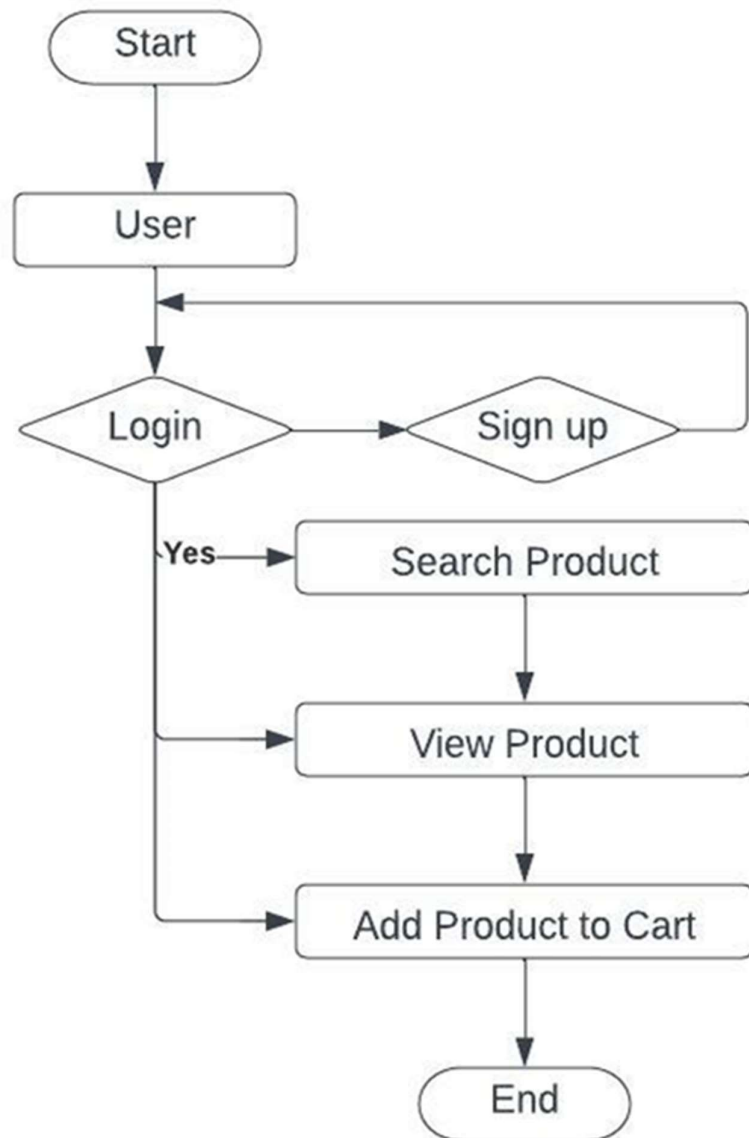
For this project we used different softwares and technologies.

The main softwares used were:

1. JAVA ECLIPSE IDE
  2. JAVA Swing
  3. MYSQL
- JAVA ECLIPSE IDE was used to create the GUI and connect the front end and the backend of the website.
  - JAVA Swing was used to create the front end of the website.
  - MYSQL was used to create the database for the website.

## Chapter 6

### Project Design




LOGIN PAGE

User Name

Password

LOGIN

Login Page

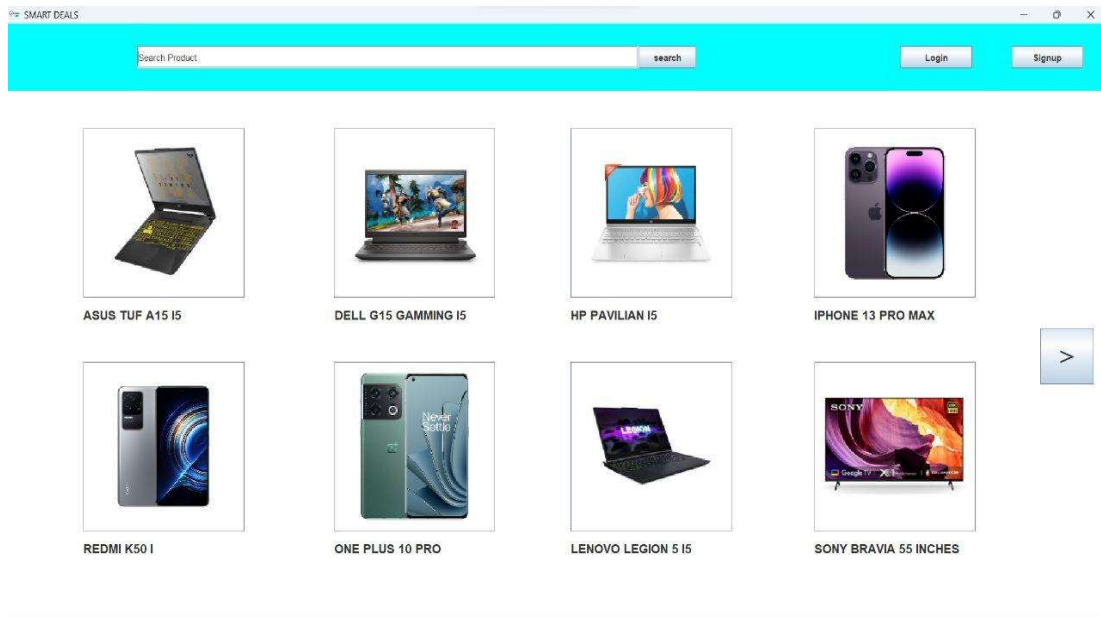
 REGISTRATION PAGE

fill all the fields with \* mark

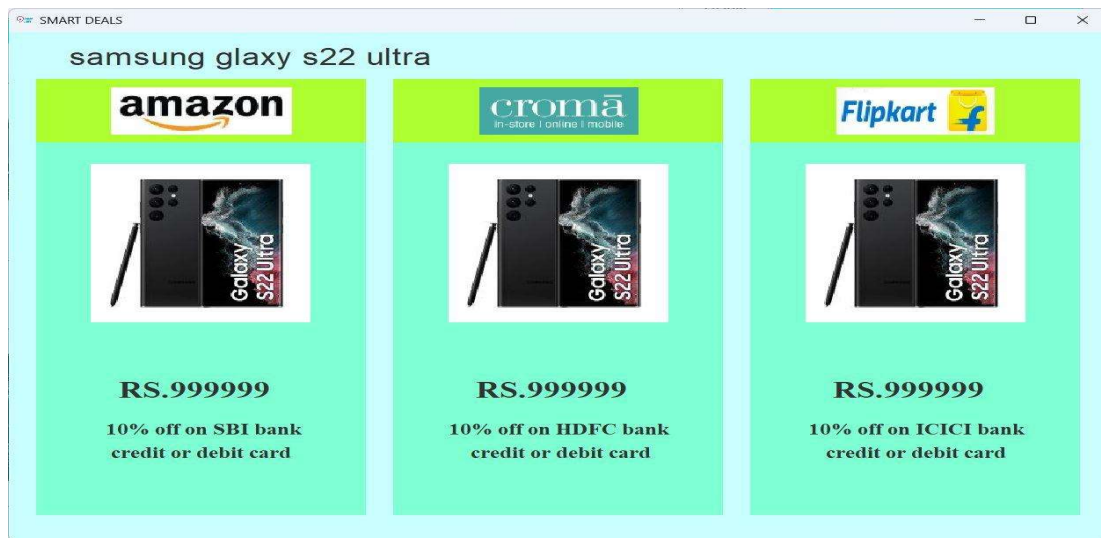
NAME *	<input type="text"/>
MOBILE NO. *	<input type="text"/>
E-MAIL *	<input type="text"/>
USERNAME *	<input type="text"/>
PASSWORD *	<input type="password"/>
CONFIRM PASSWORD *	<input type="password"/>

REGISTER

**Registration page**



Home page



Comparison page

## Chapter 7

### Project Schedule

#### Project Scheduling

WBS NUMB	TASK TITLE	START DATE	DUE DATE	DURATION (Weeks)	PERCENTAGE OF TASK
1	Project Conception and Initiation				
1.1	Group formation and Topic finalization. Identifying the scope and objectives of the Mini Project	7-28-22	8-4-22	1	100%
1.2	Identifying the functionalities of the Mini Project	8-4-22	8-11-22	1	100%
1.3	Discussing the project topic with the help of paper prototype.	8-11-22	8-18-22	1	100%
1.4	Designing the Graphical User Interface(GUI)	8-18-22	8-25-22	1	100%
1.5	Presentation I	8-25-22	9-8-22	1	100%
2	Project Design and Implementation				
2.1	Database Creation	9-8-22	9-22-22	2	100%
2.2	Connectivity	9-22-22	9-29-22	1	100%
2.3	Report Writing	9-29-22	10-6-22	1	100%
2.4	Presentation II	10-6-22	10-20-22	2	100%



## **Chapter 8**

### **Conclusion**

- 1.** Make it Easy to Shop Online
- 2.** Providing a better user, and customer, experience is the key to increasing sales volume and revenue – and most of it boils down to thinking like your customer.
- 3.** You don't even have to try hard, just look at the statistics of your own site, and the messages and questions you directly receive from customers.
- 4.** With a little effort, you will have a complete picture of their needs, problems, and exception.
- 5.** The next step is just to act on these insights.

## References

1. <https://youtu.be/Kmgo00avvEw>
2. <https://youtu.be/5o3fMLPY7qY>
3. <https://youtu.be/0smG768uUis>