# Locking The Price In E-Commerce Websites

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Abstract:  —- Online platform was one of the major platforms for buying and selling goods these days. It has enhanced a lot compared to the ages. This has become a priority option over the offline shopping to the consumers, moreover this has reduced a lot of work to the consumers and providing a best and satisfied goods for the consumers. During the pandemic situation (COVID19) online platform was the one and only option available to the people, due to which its root is deeply penetrated and strongly growing till now. It attracts consumers by decreasing the price of products in the name of Offers or budget deals precisely cutting down the product value may attract people but at that point of time they may or may not have the money to afford the item   in this case we can implement an idea that locks the price for a time period so that consumer can have the product even after the offer ends. But to utilize this facility consumer has to pay 5% of original price (at the time of Deals) in order to lock the price. If consumer changes his mind on the product, then 5% money is refunded but this may vary depending on the product price in those cases if the product is an expensive thing the 50% money is refunded from the 5% of the original price.

**Index Terms - consumers, Online platform, offline shopping, pandemic situation, Offers, lock price, refund.**

## I. INTRODUCTION

Of late! The solution for every need of humankind revolves around online platforms. E- commerce is playing a vital role. According to the customer requirements, it has developed a lot. And now acting a stable role in society to meet all requirements. E-commerce offers many offers in an easy way that every customer can understand. However, offers are valid for a limited time. Although all customers are interested in availing the offers, some may fail to avail it. There may be reasons such as insufficient money during the offer valid period, some may haven't come across the offer validity etc. So, we've developed a solution which covers the above specified reasons especially.

With the interaction of sellers, we're developing a feature where sellers can give an option to lock the offer price by customers with 5% of charge over sum amount. Instead of paying the overall offer price, consumers can lock the product by paying 5% of the whole amount, where the offer can be valid more than the limited time (decided by seller), 5% is very minimum compared to overall offer price. So, in case the consumer is determined to avail the offer but not having the sufficient money, then this feature will be useful.
With this feature seller have the advantage of selling the goods to the customers by satisfying their souls over purchasing the product.

## II.TECHNOLOGIES USED:
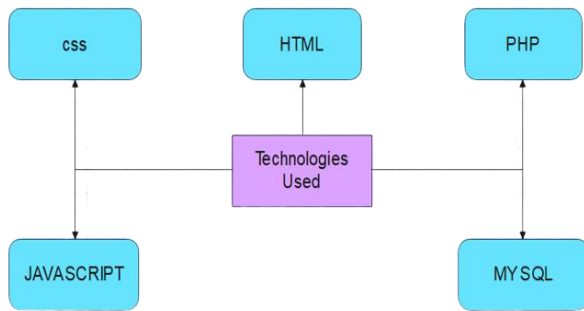


### 2.1. HTML:

Hypertext Markup Language is what HTML stands for. It is a type of computer language. It is the language that enables us to build websites. All browsers can display HTML [Fig: 2]. Users find it simple to use and comprehend. Here, plain text can be used to display web pages. Both the opening and closing tags are present [Fig. 3]. In those tags, we enter the content that we want to appear on the website.



**Fig: 3**.HTML

### 2.2. CSS:

Cascading style sheets, or CSS. It explains how a web page is presented. Colours, background colours, font size, font family, and typefaces are all included in CSS.Both large and small displays may display content using CSS [Fig. 2]. Here, we can show off the gorgeous colours and code-written material that we have created for this website. We may use this CSS with any XML based markup language; it is not dependent exclusively
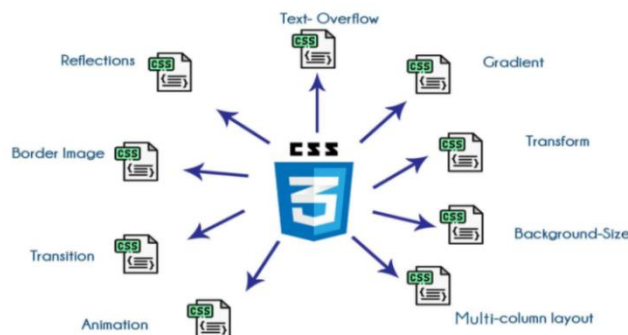


**Fig: 4**. CSS

### 2.3. JAVASCRIPT:

A client language for programming known as JavaScript. Web pages have been generated using it. When developing a website that is dynamic, JavaScript is used, and this lets us to add consequences and illustrations to our the pages [fig. 5].The login and registration forms have been checked via JAVASCRIPT, so they're handy for future modifications. It can be used in the internet and enables the user power over the web pages. For those utilizing it, it offers a stimulating experience.
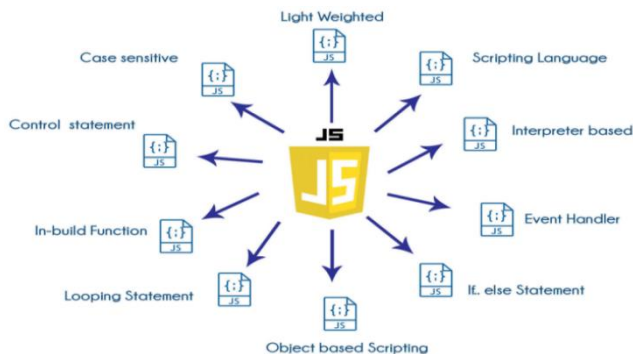


**Fig: 5**. JavaScript

### 2.4. MYSQL:

A database is a standalone programmer used to store a set of data. For generating, accessing, maintaining, searching, and duplicating the data it stores, each database has one or more unique APIs. However, data fetching and writing would not be as large hash tables in memory, can also be used. Relational database management systems (RDBMS) are used nowadays to store and handle massive amounts of data. Because all the data is stored in various tables and relationships are created using primary keys or other keys known as foreign keys, this is known as a relational database.



**Fig: 6**. MYSQL

### 2.5. PHP :

Popular server-side scripting language for web development is PHP (Hypertext Preprocessor). It is a widely used open-source language for building dynamic web pages and online applications.PHP scripts run on the server-side, meaning that the web server processes the code and sends the results to the client-side browser. In order to build websites and online applications that can communicate with databases, provide dynamic content, and carry out a variety of functions, HTML and CSS are frequently combined with PHP.Numerous web servers and operating systems support PHP, and a sizable developer community contributes to its growth and support. Facebook, WordPress, and Magento are a few well-known PHP-based websites and programmes.For papers with more than six authors: Add author names horizontally, moving to a third row if needed for
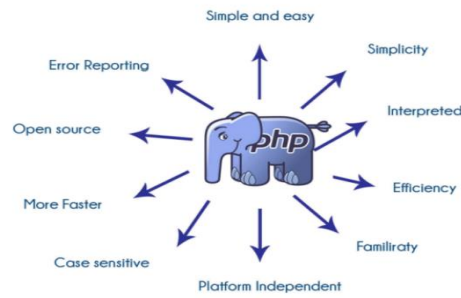
**Fig: 7.PHP**

## III. SOFTWARE REQUIREMENTS SPECIFICATION:

SRS is a comprehensive description of the system's projected performance. At the conclusion of the requirements engineering process, it is often approved[fig:8].It outlines how software systems would interact with all internal components, hardware, other programmes for communication, and human user interactions in a variety of situations that are similar to real-world ones.
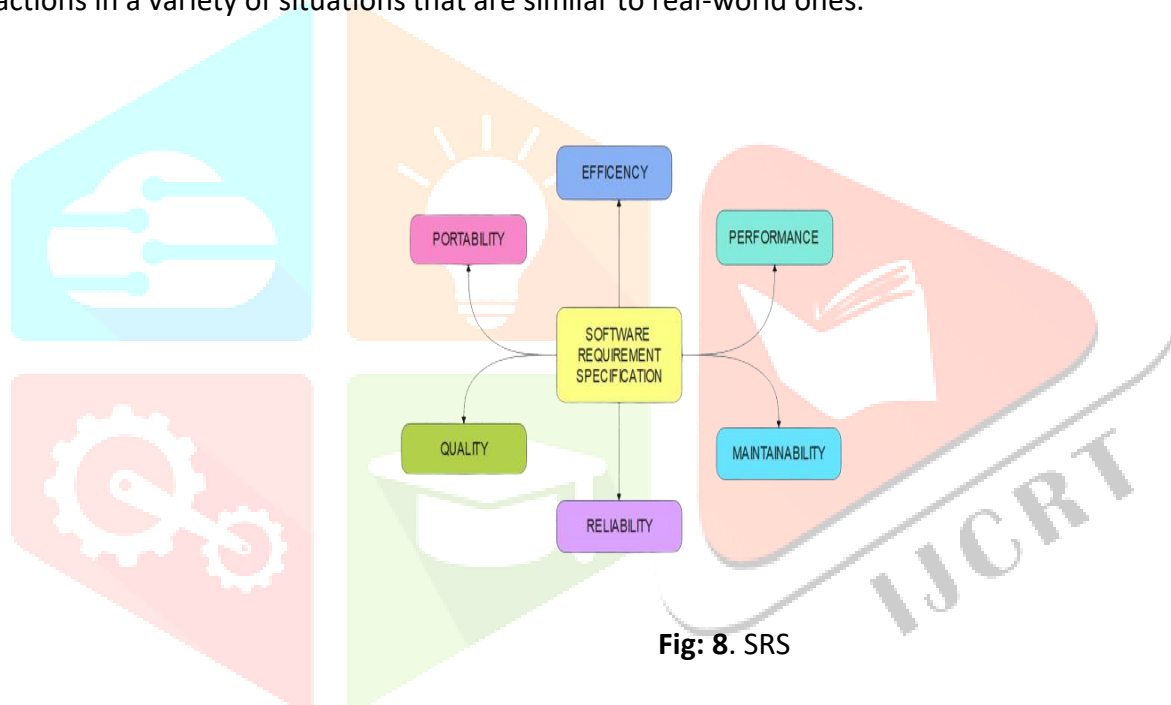


**Fig: 8**. SRS

**1. Reliability:** It would be more dependable and maintain the web application's updated information current. As soon as we connect into our online application, it conceals our username and password so that others cannot see them.

**2.** "**Quality** This project is of higher quality, and students, instructors, and administrators may access it through the internet from any location.

**3. Maintainability:** The administrator will cleanly maintain the application in order to keep the data secure and error-free

4. **Efficiency:** Downloading the information and answering questions would be more efficient for students, and instructors may upload the data as well.

5. **Portability:** It would run on every platform and be free to use in any browser..

**6. Performance:** Performance is higher because it would have provided excellent service to both instructors and students.

## IV. EXISTING SYSTEM:

The Products are made available to customers under the current system at a lower price than the real cost of the product, which is known as the offer price or discount on the product. The offer price may vary depending on the product's demand and the product. Generally, these offers operates like offering a "%" discount off the product's true price, with a large number of buyers drawn in by the cheap price being offered. Precisely for "less cost, greater profit" company.

Typically, these discounts are accessible on a selective timings , such as the Black Friday sale, when Manufacture and dealers flood the market with a large number of fantastic deals. Not just on Black Friday, but also over the winter ,summer ,Christmas sales, Diwali sales.

In addition to the offers made by the merchants, additional offers are made on certain bank credit cards for the items, acting as an extra point in the game.

### 4.1. CUSTOMER LOGIN:

It allows a person to login with a valid username and password into this web application if he/she or not registered or not enter a valid user name and password it shows error[fig:9] .

Once logged in it moves to home page it contains

**a. Edit profile:** It allows a person to modify his/her details if any change wants to be done.

**b. Asking questions:** It enables the student to ask queries to faculty by typing in a text box later send to faculty by choosing a faculty name.

**d. Answers:** It shows the answers for student queries by faculty.

**e. Discussion forms:** Every time faculty/admin can conduct group discussions in chat with on a specific topic that is announced before. It helps students to improve the knowledge. Students can see the effective answers to this end by group of students.
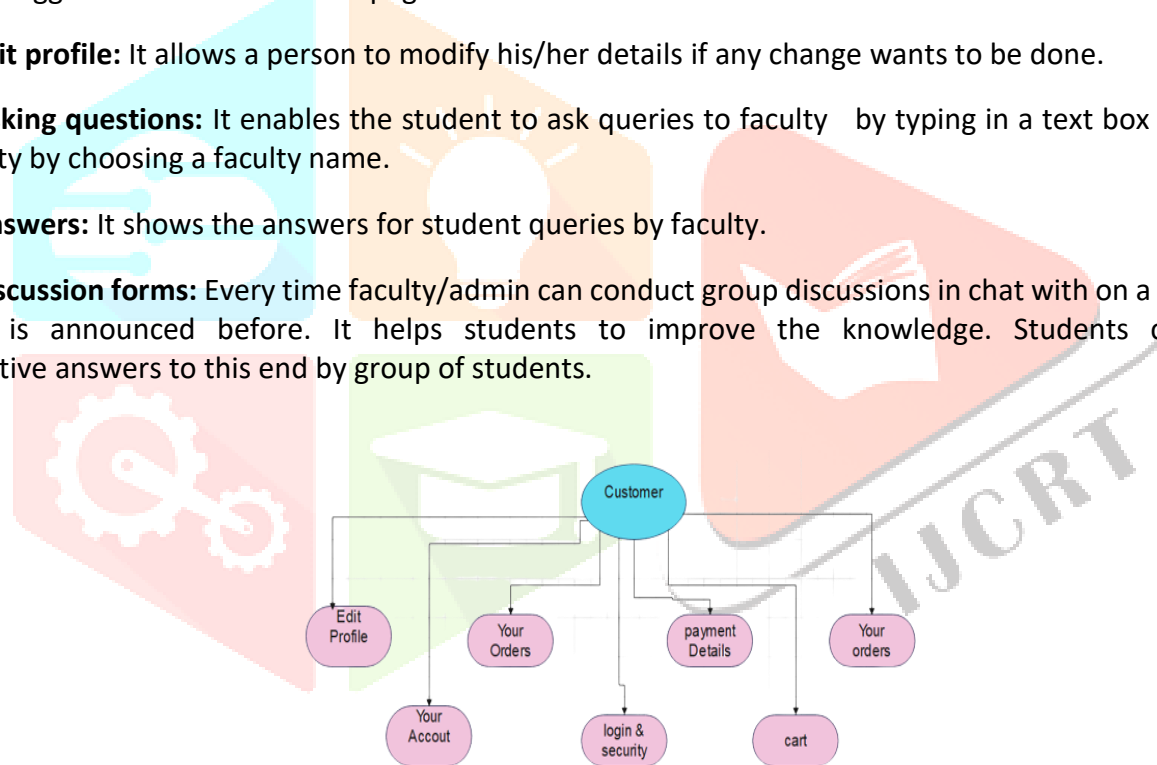


**Fig: 9**. Customer Login

### 4.2. ADMINISTRATOR LOGIN:

A crucial part of the entire system is played by the administrator. He is the web application's controller. A user account may be made by admin to control the system. With a valid username and password, it enables the admin to log in to a page. If the admin is unable to register or has supplied an invalid username and password, an error is displayed [Fig: 11].

**a. Edit profile:** It allows the admin to edit his/her profile.

**b. Add/update the Customer:** Admin can add and update the students and faculty and display the list of students and faculty.

**c. Update the content:** It allows the admin to upload the document type content which helpful to students.

**d. Queries/answers:** It displays the queries and answers send by faculty and students.

**e. Discussion forum:** It enables the administrator to lead class discussions for the students. It assists pupils in developing their knowledge.It takes place at a predetermined time and on a predetermined topic. Students benefit much from it, and e-learning results. Students today exhibit a particular interest in online education. It is beneficial for instructors to speak with students outside of the classroom and to answer any questions, whether they are academic or not.
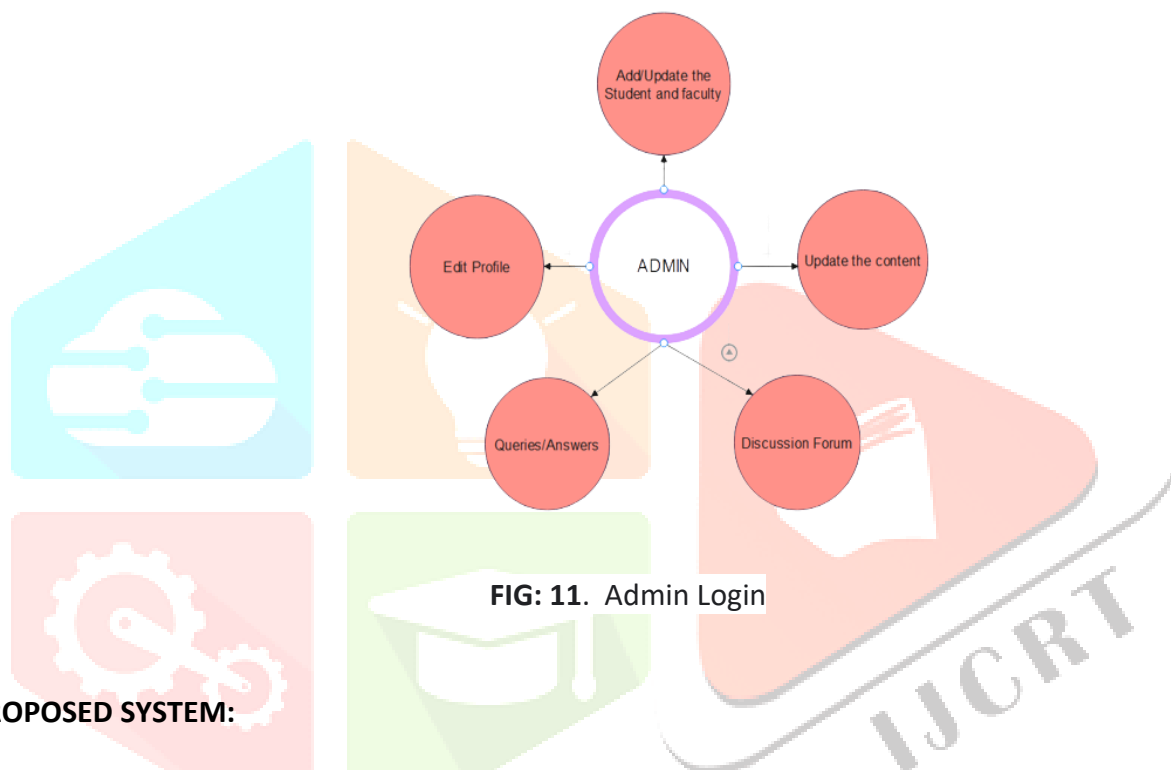
**FIG: 11.** Admin Login

**V. PROPOSED SYSTEM:**

The suggested system With the help of sellers, we're creating a feature where sellers may offer consumers the opportunity to lock in the price they've offered by adding 5% to the total. Consumers can secure the product by paying 5% of the total price instead of the full offer price. This is a very small amount compared to the full offer price and allows the offer to be valid for a longer period of time (determined by the seller). So, this feature will be helpful if the customer is determined to take advantage of the offer but lacks the necessary funds. With this function, the merchant has the benefit of giving customers a reason to buy their products while also fulfilling their souls.

For instance: A mobile is being sold for 10,000 rupees when the actual price is 15,000 because the retailer is offering it during the Independence Day sale for 10,000. Since the customer doesn't have the money to purchase the mobile at that time, he can lock in the price of 10,000 rupees for a period of one month by paying 5% of the principle amount, or 500 rupees, which is a standard amount with everyone. Later, once the customer has added the necessary funds to their wallet, they can purchase it for a discounted price. If the customer does not purchase the product within the specified time frame, half of the 5% refund will be given to the store (250 Rupees), and other half of the 5% will be charged to the consumer.
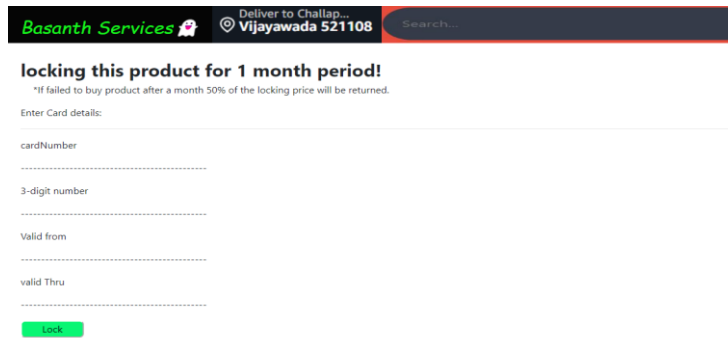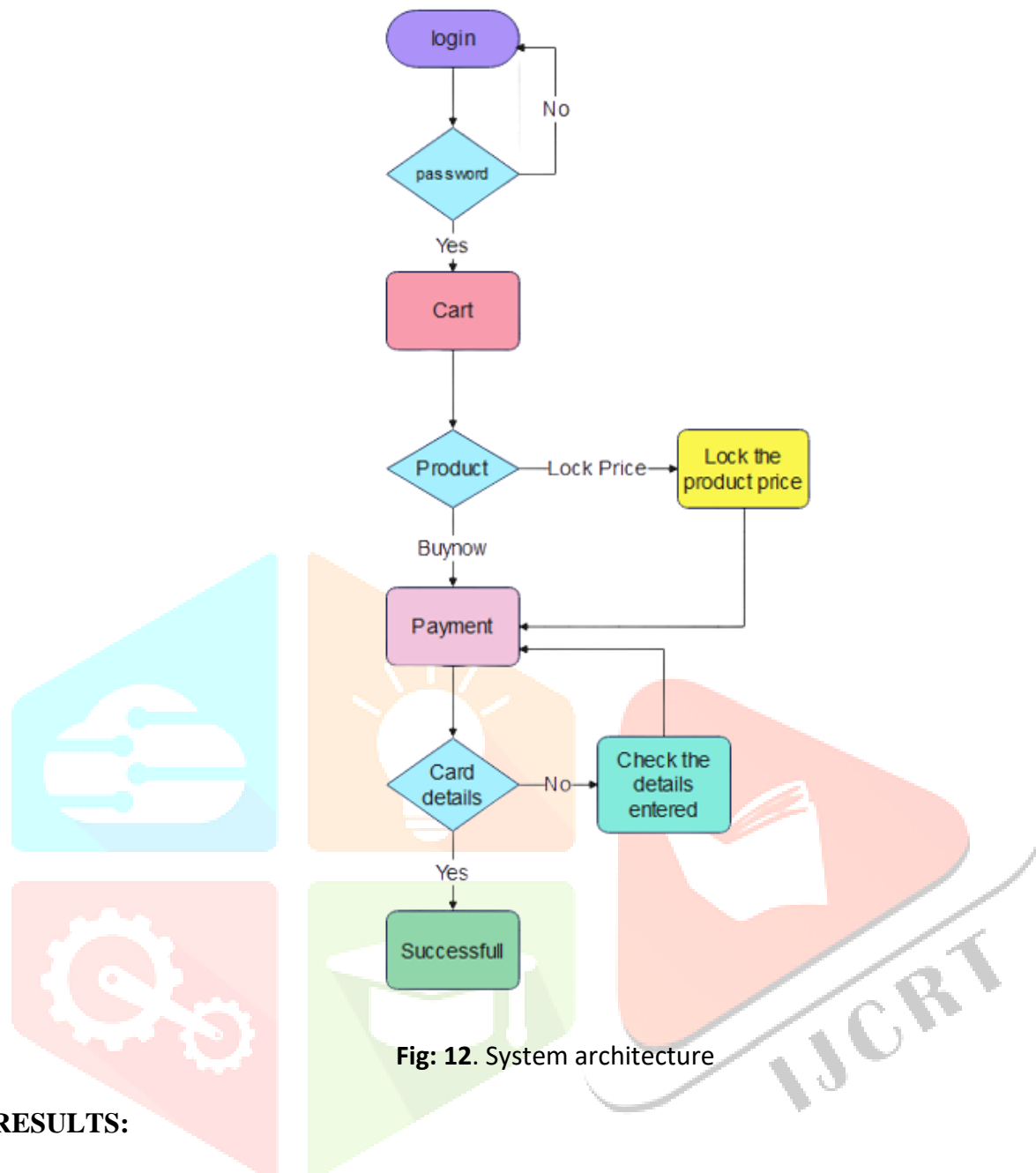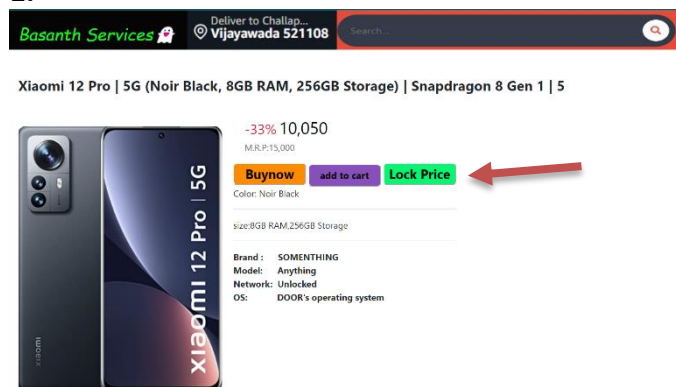
## VI. SYSTEM ARCHITECTURE:



**Fig: 12**. System architecture

## VII.RESULTS:

**1.**

**2.**



**3.**



## VIII. CONCLUSION:

Although the retailer selected to sell the specific product for a lower price, this step increases the window of opportunity for consumers who have cash on hand to purchase the product at a reduced price. And retailer benefits from generating a small amount of income from major sources so that retailers can recover from losses

## IX . FUTURE SCOPE:

In the future, it can be used by retailers to boost sales of goods during a period of declining sales. Additionally, retailers can profit by providing small income to a large number of customers to prevent loss while also enabling customers to purchase their desired products affordably and fulfil their needs.

## X. REFERENCES:

**Our Prototype Website link:**

https://basanthservices.ccbp.tech

**1**.https://www.w3schools.com/html/html_basic.asp.

**2.** https://www.hostinger.in/tutorials/what-is-css.

**3.**HTTPS://DEVELOPER.MOZILLA.ORG/ENUS/DOCS/LEARN/JAVAS CRIPT/FIRST_STEPS/WHAT_IS_JAVASCRIPT

**4.**https://www.croquet.org.uk/?p=ca/jobs/adminshopjd&pup=y#:~:text=Online%20Shop%20Duties&text=Provide%20advice%20to%20customers%20both,late%20deliveries%2C%20etc.).

**5.**https://dev.mysql.com/doc/refman/8.0/en/what-is-mysql.html

**6**.https://www.researchgate.net/publication/334467149_EVALUATION_OF_RELATIONSHIP_BETWEEN_ON LINE_SHOPPING_AND_CONSUMER_CONFIDENCE_SENSE

**7**.https://www.php.net/manual/en/intro-whatis.php

**8**.https://mailchimp.com/resources/what-is-online-shopping-cart/

**9**.https://medium.com/@dev.family/how-to-create-a-cart-and-login-to-an-online-store-aab23840c291.

**10**.https://dipeshagrawal.files.wordpress.com/2018/07/docuri-com_online-project.pdf

**11**.https://www.repricerexpress.com/amazon-statistics/
**12**.https://zety.com/blog/sales-statistics?utm_source=google&utm_medium=sem&utm_campaign=6482925024&utm_term=sales%20stat s&network=g&device=c&adposition=&adgroupid=78188145792&placement=&gclid=CjwKCAjwpayjBhAnEi wA-7enawgM_rveiACoMrfzmnK5wuzbOl_EOEX_4V7XHHFcAZp6DaUf8rd3bxoChl0QAvD_BwE

## 11. BIOGRAPHIES:

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