Online VCD System

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ABSTRACT

The online vcd system is like the normal shopping application where the customers can purchase the videos. It has Two modules namely user module and the admin module. In admin module the admin can Add the VCD store details that is the admin can add the city names here. The admin can also add all the products (VCD) in this module so that the user can able to purchase it. The admin has the ability to change the status i.e., if the order has been delivered to the customer then the admin can change the status from pending to delivered. The admin can also cancel the orders and he can respond to the messages that has been sent by the customers. Coming to the user module the user can add the products to the cart and they can also view the items in the cart to check the delivery status. They can also message to the admin if there is any issues. After purchasing , customer can pay the amount either by COD or online payment. At the end they can save the bill as pdf for their reference.

Keywords : COD, VCD, Online Payment

I. INTRODUCTION

1.1 Web Application:

A Web application (Web app) is an application program that is stored on a remote server and was delivered over the Internet through a browser interface. The website contains web apps. Any website that performs some function for the user qualifies as a Web app. Web applications are designed for a wide variety of uses and can be used by anyone from an organization to an individual. Commonly used Web applications can include webmail, online calculators, or e-commerce shops. Some Web apps are accessed by only a specific browser. They are more complicated than HTML pages and consist of the front-end pages that the user can view. HTML is used to develop the front end of the GUI. The backend can be of any programming language such as Java, Python, .NET, etc.,

1.2 Problems In Web Applications:

Web pages can be viewed in the single browser window. Web pages are stored in static HTML files or dynamically generated by software such as Java servlet pages. A web site is nothing but collection of web pages which is associated with software

components that are related by content and through links and other mechanisms. The websites can be dynamic and interactive. A web apps is the set of programs that will run in part on one or using more web servers where the users can run it through the website.

The performance will is low since the web app is directly linked to web browser as a result app size get increased. The web app lacks the feature of quality control system as the result both safety and security will get decreased. Web applications are rare to find since they are not available in any App Store or Play Store. The web applications are completely depended on the website and so if the website undergo some failure then the entire web applications will fall too. Internet connection is required for running the web applications. There are many places in the world where there is no internet access. Hence without the stable network it is unable to use the web application. The speed of the web application operates slow than the application hosted on a local server, and It is also directly linked to our browser, because of which its app size tends to increase. Plus, as a web app runs completely on the internet, it frequently can feel slower due to the internet connection quality.

II. SYSTEM ANALYSIS

2.1 Existing System:

Web applications are widely used all over the world using any browser they have. It is the web site that consists of the multiple web pages connected to the data base to store the information that was given. In the existing work the web application is developed using the HTML language for front end and MySQL is used as the database. Using these languages, the existing application is developed and comparatively it has the disadvantages.

MySQL does not handle transactions very efficiently and hence it leads to data corruption. It does not have good development and a better debugging tool compared to other databases. It also doesn't support SQL check constraints. And above all the hackers have been breaking into MYSQL databases, downloading the tables, deleting the originals, and thereby they leave the ransom notes to inform the owners of the servers to contact them so that they can get their data back. In the initial ransom notes, the attackers asked victims to contact them via email, as the operation grew throughout the year, the attackers also automated their DB ransom scheme with the help of a web portal, first hosted online and then moved to an Onion address, on the dark web.

In the scripting side the HTML provides the detailed account of the text-based information in the document where the data cannot be changed. It also generates the static pages. Html interpreter need to execute the codes and it also do not allow adding java code inside the Html pages. It does not allow the custom tags or third-party tags to place in the html pages. Another issue is that it only runs on the browser. Though there are disadvantages it runs faster than other scripting languages.

2.1.1 DRAWBACKS:

- MySQL does not support if the size of the database is relatively huge and it does not support procedures like ROLE and COMMIT in versions less than 5.0.
- The transactions were not handled efficiently. There are some stability issues and it also suffers poor performance scaling. The development is not community driven and hence it has lagged.

The functionality is heavily depended. And its some of the limitations are frustrating. MySQL does not handle transactions very efficiently and hence it leads to the data corruption.

III. PROPOSED SYSTEM

The online VCD system is the web application. Here for the front end JSP is used. For the backend JAVA J2EE is used. For the database Oracle is used. The database saves the customers data. There will be the admin who can add the VCD store details such as the places of the city and the contact number and the admin can also add the VCD details where the name of the VCD, the cost ,the rating of the movie that can be added.

After admin adding those details if he wants to edit the VCD store details or the product details he can edit it as he wants and only the admin can do it. Then whatever the product that the customer has ordered that will be shown in the admin page and he can change the status as delivered or cancel the respective orders as the admin wish. The admin can respond to the customer Queries. These are the activities that the admin can do.

On user side , that is the customer can login to the page and can order the VCD from the respective VCD store and the purchased items will be added to MY CART section. The customer can view MY ORDERS section and check whether the products have been delivered or it has been cancelled. Customer can also edit the personal details that he have given before. The queries can be sent to the admin.

On the database side the customer details, VCD store details, product details and the cart details are stored on the oracle database and can be viewed for later. The customer can print the invoice bill for the future reference.

Table 1 : Online VCD services

CUSTOMER	ADMIN
Registration forms	Add VCD store details
Add products to Cart	Add VCD details (Product)
View the cart	View and edit the VCD store details
Post the Queries	View and edit VCD details
Change the details	Update the status of the products
Search the particular store or VCD	Respond to the queries

3.1 Merits of Proposed System

IV. METHODS AND MATERIAL

- ✓ JSP creates a dynamic interface for constantly changing data, as well as dynamically invoking server actions.
- ✓ JSP is exclusively used to create dynamic web pages and to run JSP code, a JSP container is required.
- ✓ There are various advantages to using a single database. It simplifies the creation of new models and the addition of additional features. It's also less expensive to run than using many databases. Furthermore, the database is highly resistant to data corruption.
- ✓ The database delivers all of the benefits of a secure hybrid cloud environment. The hybrid cloud environment gives more alternatives for what's need to be done and gives the tools to get there.

V. SYSTEM DESIGN AND IMPLEMENTATION

The client/server architecture is used in the online VCD system. The client connects to the server

through the internet or a local host using a web browser, with JAVA and MySQL on the server side handling the VCD purchase and delivery operations. The data must then be saved and returned from the database.
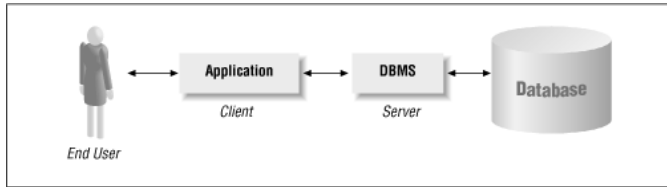

Fig 1. Overview of client server architecture

4.1 SYSTEM ACTIVITIES

4.1.1 LOGIN SYSTEM:

Login system contains the following programs:

- Login as Admin:

Using the previously stored admin name and password, an individual can log on to the system as an admin at any time to manage admin activities. Only if the input detail matches the database is logging successful; otherwise, an error notice is provided.

- Login as Customer:

During the registration process, the admin will sort each client's information, allowing that customer to log on to the system without having to go through the registration procedure again. Only if the input detail matches the database is logging successful; otherwise, an error notice is provided.

4.1.2 ADMIN ACTIVITIES:

Admin activities contains the following programs,

- Add, view and edit VCD store details:

The administrator can add information on vcd stores in different parts of the city, as well as phone numbers. The admin may check the store details after adding the details, and if the details need to be modified, the admin can also amend the store details.

- Add, view and edit VCD (product) details:

Based on the store ID already entered in the Store information, the admin can add the VCD (Product) details. The VCD name, VCD category, VCD language, VCD rating, VCD quantity, and cost can all be added to the VCD.

- Status updation:

The orders will appear on the admin page after the customer has purchased specified things. The admin can then change the status by checking the product quantity and whether the VCD will be delivered or cancelled.

- Respond to queries:

Customer questions will be received on the admin page, and the admin will be able to answer to them
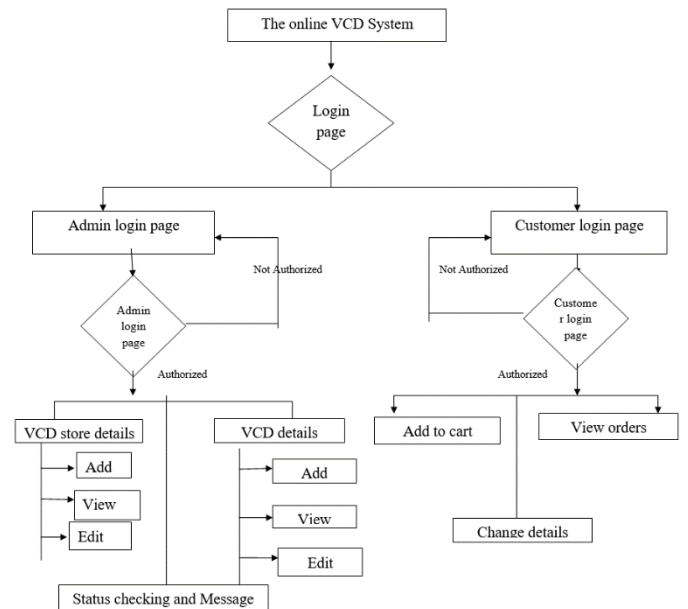

Fig 2 Work Flow Diagram

4.1.3 CUSTOMER ACTIVITIES

The customer activities contains the following operations:

- Add and view cart:

The customer can add VCD to the cart based on the many locations that have been independently uploaded, and then they can add VCD to the cart. The

customer can then view the items in their carts in the My carts section.

- View My orders:

The customer can check whether their orders have been delivered or cancelled. These changes were made by the administrator.

- Changing the details:

Customers can amend their information at any time that they provided during the registration process. They can alter their passwords, security questions, and address, as well as their mobile phone numbers if they like.

- Queries and search:

If there are any queries in shipping or other issues then the customer can send those queries to the admin which the admin will respond to later. The customer can also search the VCD details or the Store details using the search option that is provided

VI. CONCLUSION

Using an open source language provides us with greater flexibility, but it also takes longer to programmed. The system is divided into two primary subsystems (client and administrator), each of which is designed to provide the most advantage to the system by carefully displaying each subsystem service. As a result, future maintenance and improvement of the suggested system will be simple and adaptable because one subsystem may be addressed independently without affecting the other. In the future, a few more facilities can be added on the user side they purchase the VCD it will automatically show the suggestions to the user and hence it will help the user to purchase easily, and also the admin can sell as much as the VCDs they can. Then the payment method can also be updated like the UPI id can be used and the wallets can be used to pay the bills.

VII. REFERENCES

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