Online Art Gallery Portal

Tejasvi Agalave, Samruddhi Ingale, Ankita Warkare , Amruta Survase

Tejasvi Agalave MCA & Sveri's College Of Engineering,Pandharpur
Samruddhi Ingale MCA & Sveri's College Of Engineering,Pandharpur
Ankita Warkare MCA & Sveri's College Of Engineering,Pandharpur
Amruta Survase Prof.Guide & Sveri's College Of Engineering,Pandharpur

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Abstract – Online Art gallery is project that stores and retrieves art details including Their sales in their gallery. This project is developed to manage the art gallery artist details, art details, customer details, sales details and report details. The administrator will enter the username and password to login to the system. If the username and password are correct, it will open the next form. If the entered details are not correct, it will show the error message. All artist details available in the art gallery are added by the administrator. The added artist details can be modified or deleted by the administrator The artist name, specialist, address and phone no, gallery website are managed in this module. All art details of the art gallery are added by the administrator. The added art details can be modified or deleted by the administrator. The art id, art name, picture and category, artist, price are managed in this module. The art id will automatically generated. All customer details of the art gallery are added by the employee. The added customer details can be modified or deleted by the employee. The customer id, customer name, quantity, total price are managed in this module. The customer id will automatically generated. All sales details available in the art gallery are added by the employee. The sales id, customer details, date, art details are managed in this module. Then the system generates the artist reports, art reports, customer reports, sales report, to the administrator.

Key Words: Virtual art gallery **.** e-commerce website.

1.INTRODUCTION

The project has many components: employee details, customer details, art details, artist details, payment details and sales details. It reduces the work load of the administrator. It provides the fast retrieval of information about the art. All details will be available on a click.

The objective of the project is to make good software with an overall performance. It should be easy to work. The software should be able to extract information from databases and make the reports very easily. The software and its operations should be safe and unauthorized access should not be allowed. The aim of developing and implementing the software is to automate the complete system through computer with maximum user interactions. The developed software is easier and flexible to handle. The system is more efficient and cost effective because manual working can be reduced. The manual errors can be lessened. The software is user friendly and completely based on menu driven. The project on "Arts Gallery Portal" deals with the transactions happening in an arts gallery. The main objective of this project is to automate the existing manual system to maintain the records of the arts gallery to be computerized. So that the arts gallery employee details and customer details can be stored and calculations can be performed much faster and it also helps to faster access of the information's which are being already stored. Arts gallery management system is a software application maintaining the records related to all the activities held on an arts gallery.

The application can be used in any arts gallery to stored the details of the employee and customers for better calculations. The admin can read and write information about the employee, artist and art details. Admin can create, update and delete the records of artist and employee according to their requirements.

2. SYSTEM MAINTENCE

The maintenance phase occurs once the system is operational. It includes implementation of changes that software might undergo over a period of time, or implementation of new requirements after the software is deployed at the customer location. The maintenance phase also includes handling the residual errors that may exist in the software even after the testing phase. This phase also monitors system performance rectifies bugs and requested changes are made.

Maintenance, often turned support, is crucial activity for linking the experience of users/customers with the product delivery organization. We consider perspective on high tech maintenance from bug fixing through to design focused activities. Key Deliverables:

- Keep system live .
- Maintain code
- Update software when required

Basically maintenance is what happens during the rest of the software's life: changes, correction, addictions, moves to a different computing platform and more. This, the least glamorous and perhaps most important step of all goes seemingly forever.

3. LITERATURE SURVEY

Online Arts gallery portal is one of the useful types of data analysis for art gallery. The purpose of arts gallery management system is to maintain a good communication between the employee and the customer. It includes different types of arts. The project includes the information about the customer. Admin can frequently analysis all the details of the customer also he can handle the update of new arts and artist. When we add an arts in the system we can specify the position or the shelf number of the art. This system is also provide another session to add details of employee.

4. RESULT

The system is designed for storing the data of an arts, and artists of Online art gallery system. Thus it provide a better way for easy paying and also well known about the arts and artist. It make the calculations that held in the gallery accurate and it is very easy to view the details. The output of the system is optimum. The admin has the major role to see the whole details are done in the arts gallery management system. The admin can add all the details, edit and view it. The admin will add the arts and artist and also change the cost of the arts. The employee will deals with the sales and payment in the gallery. Employee can also view the customer details and their own profile. It is a good software to store the information of the arts and artist in an arts gallery. It is more reliable and secured, it is also provide effective customer satisfaction.

5. PROPOSED SYSTEM

The proposed system is a computerized system which can overcome the drawbacks on the existing system. The proposed system is informative, user friendly and designed exclusively for maintaining system data in a well-organized manner. As the system data is well-organized, duplication of data won't occur. The system is designed to provide all the necessary information about the maid agency management system. The system provides a user friendly interface with all possible operations and details listed. This helps in saving time and enables the user to success data quickly. Thus system provides a well plotted user interface and a working environment field with all necessary options and data. Most problems of manual system can be solved by this system. The new system will work on a Windows based platform.

Advantages of proposed system

- User Friendly Interface
- Enables to Search for Records
- Allows Easy Addition of Details

6. SYSTEM ANALYSIS

After the requirements of the task to be performed, the next step is to the problem and understand its context. The first activity in the phase is studying the existing system and other is to understand the requirements and domain of the new system. Both the activities are equally important, but the first activity serves as a basis of giving the functional specifications and then successful design of the proposed system. Understanding the properties and requirements of a new system is more difficult and requires creative thinking and understanding of existing running system is also difficult, improper understanding of present system can lead diversion from solution.
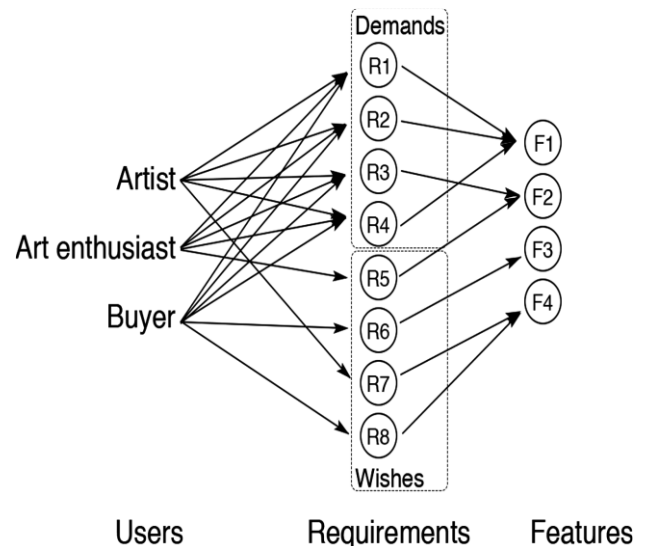
7.DEFINING INFORMATION ARCHITECTURE

In information architecture, flow of information and navigation among the various states of a system are decided A focus group was conducted with twenty users, where they were asked to club similar cards from a deck of 70 cards, with each card having a text related to an art gallery or an e commerce website. Twenty subjects users have been further divided into two equal groups. The first group was asked to participate in an open card sorting exercise where participants could create their own names for the categories. This helped to reveal not only how users' mental model for classifying the cards worked, but also to identify the labels they used for each categories. The second group was asked to participate in the closed card sorting exercise, where participants were provided with a predetermined set of category names. They then assigned the index cards to these fixed categories. This helped to reveal the degree to which the participants agree on which cards belonged under each category.

8.SYSTEM DESIGN

a) Architectural design: The architectural design of a system emphasizes the design if the system architecture that describes the structure, behaviour and more views of that system and analysis

b) Logical design: - The logical design of a system pertains to an abstract representation of the data flows, inputs and outputs of the system. This is often conducted via modelling, using an over abstract (and sometimes graphical) model of the actual system in the context of systems, designs are included.

C)Physical design: The physical design relates to the actual input and output processes of the system. This is explained in terms of how data is input into a system.

CONCLUSIONS

The ONLINE ARTS GALLERY was successfully completed within the time span allocated. All the modules are tested separately and put together to form the main system. Finally the system is tested with the real data and everything worked successfully. Thus the system has full filled with the entire objectives identified.

The system has been developed in an attractive way in a limited platform as a standalone application. ONLINE ARTS GALLERY is easy to use and the employee can easily see their details and they can easily check their cost details of the answer. It also helps the customers to view their arts details. It reduces time consumption for each process. So, we are very thankful to everyone who cooperated with us to complete this project. ONLINE ARTS GALLERY is really helpful to the employee, and customers of the gallery. Which keeps and industrial standard and secure saving of the whole records. It will definitely make a difference in the arts gallery procedures. It has a wide scope future. Admin can easily add the details of the arts and artist in an easy and speed way. And calculations can be done in an efficient manner. So the ONLINE ARTS GALLERY will give customers to a different approach and experiences.

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BIOGRAPHIES

Tejasvi Shashikant Agalave – Student
Samruddhi Rajkumar Ingale -Student
Ankita Santosh Warkare -Student