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A Survey on Web Application for Digital Printing Press

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ABSTRACT: Digital printing refers to methods of printing from a digital-based image directly to a variety of media. It usually refers to professional printing where small-run jobs from desktop publishing and other digital sources are printed using large-format and/or high-volume laser or inkjet printers. We propose a system that offers the user everything any print company requires to print manage their business from estimating, outsourcing, producing job sheets, delivery dockets, accounts, management reports, diary system. After selecting product and calculation of fairs, the information will transfer to the respective production team. With our system people don't need to invest large amounts. We provide access to the full system, customize documents, and import information onto the system. Internet surfing affects the modern life with its technological innovation and rapid change. Trust plays an important role in the Internet world; however, a trust relationship between the receiver and seller is abstract and hard to quantify. Customer's perceived trust towards an e-commerce website is crucial for the success of online business. Effective design of web interfaces increases perceived trust of customers. Given many associated usability issues when performing tasks on a website, it is very important for online business to understand issues related to usability problems of an e-commerce website and the techniques to identify these issues. In this work, by making use of component programming ideas and EJB technology, a web print components was developed which based on the analysis of PDF format. Thus, it provides a simple and practical web printing solution based on this print component. The schema especially meets the requirements of the print with fixed format and changing content. Online store is the main needs of online business people today. But there is a problem faced by business people who run their business on online shop website, especially the technique aspect of online shop website management that is hard to do. This problem is very important because the need of business people always changes rapidly based on the business situation. This makes business people adopt the changes of business needs to their online shop website.

KEYWORDS: Online shop, Evaluation method, *web print*, *component technology*, *service-oriented architecture*

I. INTRODUCTION

As technology advances, the Internet has become part of our life. We exist in a generation of information explosion. Internet services and events evolve and change constantly out with the old and in with the new which generates a significant change in modern people's life and surfing habits. Today's consumers commonly search for the goods, luxuries, and even unpopular products they need through e-commerce platforms on the Internet. The Internet breaks through the restrictions of space, time, devices, and places. The usability of an e-commerce website is to provide users with satisfactory transaction effectively and efficiently. It helps to obtain a complete understanding of user's needs and to improve product development in order to provide a better user experience. With the development of Internet/Intranet technology, the applications based on web increases day by day and involves in more and more fields. For the comparatively backward web printing technology caused so much inconvenience to web development. Online shop website is one of the main requirement needed today by businessmen. This online shop is used by them to manage and execute their online business, which mostly has a correlation with online transaction.



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II. LITERATURE SURVEY

[1] A sale-oriented online-shop management support method for e-commerce, Yoshitaka Sakurai, Takashi Kawabe, Takahiko Sakai, Kouhei Takada:When a sales heading of the sales management pages provided by the system is (selected and) set up, the system automatically generates a sales page preview which can be checked and modified by sale managers. Product group Database manager can generate, edit and delete a product group name also he has an editing function to search and edit products belonging to a product group.

[2] The Design and Implementation of a Process-based Printing Order Management system, Yongbin Zhang, Huiling Ma

This paper presents a system of information tracking to solve the problem of isolated order information among production processes. The BPMN (Business Process Model and Notation) specification is adopted for establishment of order process model. The model can be used to describe the company's core business and the order information transmission process with the process- oriented thinking. The results show that order information can be transferred timely, fast and accurately, which can avoids the delays or inaccuracies caused by manual operation. Meanwhile the managers can follow the tracks of the order progress at all times and provide clients with advice.

[3] Component Design of Business Process Web Content Management System for Online Shop Website Rizal Panji Islami, Adi Mulyanto:The business people who run their business on online shop website, mostly face the problems of technique aspect of online

shop management which is hard to do. This problem is very important which makes business people to adopt changes of business needs to their online shop website. This paper presents designed solution that is done by component design approach for business process web content management system for online shop. The web content management system is designed by analyzing atomic components that can be used to handle needs of the business people.

[4] E – Commerce personalized recommendation system based on web mining technology design and implementation, Sun Lin, Xu WenZheng:E - commerce personalized recommence system design process and implementation process is implemented in this paper. In E–commerce site personalized recommendation system based on a web mining process, first of all to the overall design, system design based on requirement analysis, and then to design the process, the last is the database design.

[5] Design Of Web Data Mining In Agents Based E-commerce,Shakti Kundu

The role of multi agent system in e – commerce environment is presented in this paper. Also this paper presents the data mining as intelligent system and makes discussion and research on data resources, key technology in relation to the design. The three operation of data mining clustering, association and sequential analysis is explained. Due to this presentation a trust between buyers and sellers increases which reults in increase visiting of website.

III. EXISTING SYSTEM

In existing system you need to go in particular printing shop and decide or collect the information of the about the printing like the T-shirt and flex etc. In that you are wasting time and money. There are a few existing 3D content repository systems providing query and download of 3D objects, such as Autodesk. These system shares very similar idea with our proposed 3D cloud platform, they can access to shared 3D contents, edit or modify them online. Some of them even provide animation, simulation and rendering capabilities. “Trust is a psychological state comprising the intention to accept vulnerability based upon positive expectations of the intentions or behavior of another.” Closely, Lewicki et al. describe trust as “an individual's belief in, and willingness to act on the basis of the words, actions, and decisions of another. The print schemas in the existing web application include the following ones:

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A. CUSTOM CONTROL TO COMPLETE PRINTING:

Custom control approach is to use tools such as VB or VC to generate COM component, then use the already print definition format to analyze the source file and realize print. The client can print only by downloading and registering the generated component.

B. USING WEBBROWSER TO REALIZE WEB PRINT

WebBrowser is the IE browser's built-in control. Users needn't to download it. Some corresponding technical requirements including print document generator, page setup, the realization of print operations and so on.

C. EXPORTED INTO WORD, EXCEL TO PRINT.:

It is a relatively simple and common printing method in which page layout is the key process. All we need to do is to design well the report page, and then the user completes the print through the print function in IE.

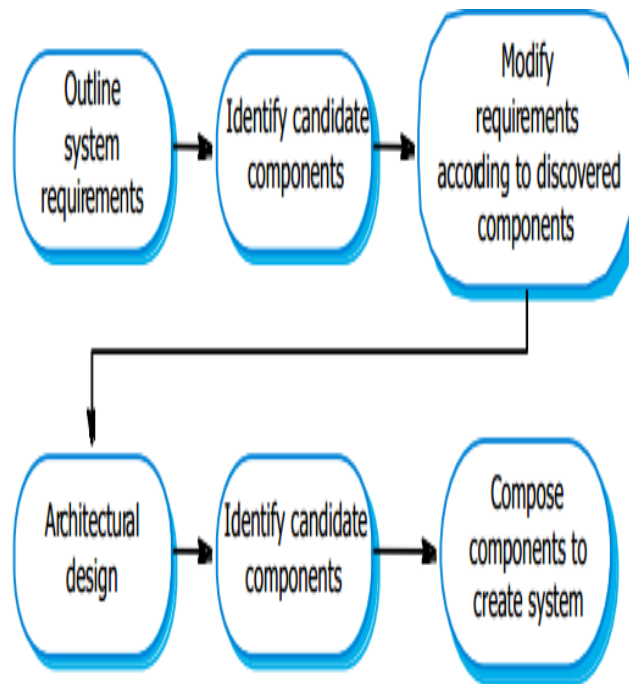


Figure 1. Flow of existing System

IV. PROPOSED SYSTEM

In this approach, provide an application which allows for purpose of printing application which search the required media of product and then it process further for printing it depends on input from user. It shows the all template for different printing object. the application defines a functional level the business activities that are encompassed by the proposed web-based printing press management System. It also encompasses time, resource, technical requirements and client requirements. The proposed system will able to maintain customer, employee and supplier details. This provides an easy way to search, filter and update the records. The system able to manage and maintain invoice and order detail. The system would keep records of customer order history and provision and filter for future use. This also includes an efficient and accurate way to generate invoices.

The stock management system will provide an effective way to manage the stock and automatically notifies when the re-order level is reached. It also able to provide stock reports.

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Following are the module in the proposed system:

A. USER:

In this module, user generate his own template of the print according own size and colors which template are looking good as own ideas. In that module, using printer as the hardware to print the particular template which is chose by the user.

B. ADMIN:

In this module, Admin control the all the system and the generate the template according the user properties.

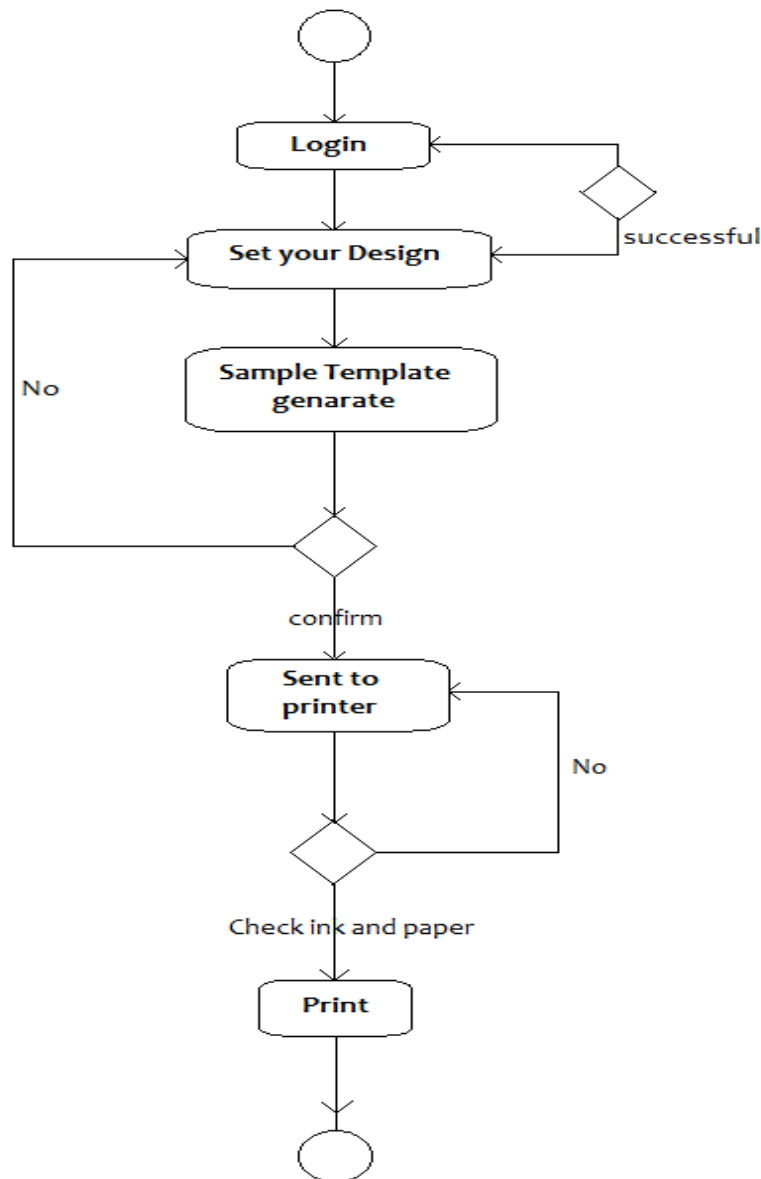


Figure 2. Flow diagram of the proposed system



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V. CONCLUSION

In our system application we develop the application that are helpful to choose particular template to associated printing object according to user requirement the template is available and the application will shows the amount associated with the particular template .

VI. FUTURE SCOPE

In Future we are trying to provide more security to our system by implementing our web application along with some authentication . Also in proposed system we have used mobile application to implement it. In future we will try to run it on different tools.

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