**REMOTE PRINTING SERVICE- DIGITAL ENVIRONMENT**

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**ABSTRACT**

This paper represents the mobile printing service everywhere . People suffer to submit the documents, projects and important papers in allotted time due to the insufficient xerox shop availability near them. So, the main objective is to create the availability of mobile printing service everywhere. To minimize the peak hour rush and improve the timely submission of the respective documents. To improvise the concept of digital environment. A mobile printing service refers to creating a simplified and generic interface that allows mobile application to interact with the printing functionality without needing to know the specific details of the underlying printing system provides a high-level shielding the complexities of different printer models, network connection and printing protocols. By using MOBILE printing service everywhere the developers , students and working people can integrate printing capabilities into their mobile apps more efficiently, as they don't have to deal with intricacies of various printer hardware and communication protocols directly. This abstraction layer act as a bridge, translating the apps printing request into the approximate commands and instructions that the specific printer can understand and execute. So it is simplifying the development process to the users**.**

**INTRODUCTION**

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LITERATURE SURVEY

LITERATURE SURVEY NO.1

Authors:Mary Anne Evans, Ph.D. Professor, School of Print Media Bernice A. LeMaire Graduate Student, School of Print media,

Title: “Papers for Digital Printing”, published in 2012.

Its goal was to pinpoint problems and possible fixes for better performance and quality of sheets printed digitally. In the United States, high-end digital production is the target market sector.

The study determined the paper grades often used for the production digital printing market segment, the number of brands utilized and the nature of partnerships between printing companies and suppliers, as well as the variables influencing brand and purchasing decisions.

investigated the relative significance of various paper features and attributes, evaluated the shortcomings in the paper grades currently on the market, and identified the advancements needed by digital printers and the current constraints imposed by press design.

LITERATURE SURVEY NO.2

Authors :Timothy Fabling( New Zealand ),

Title:”Introducing remote printing into the publishing industry of a small, remote economy”, published in 2017.

It examines the anticipated impact of adding remote printing technology to the New Zealand book publishing sector on established business structures. In order to investigate problems involving close proximity to one another and supply chain inefficiencies, the thesis looks at factors of technology innovation and customer behavior. To determine where remote printing technology might be most effectively used in the supply chain of the New Zealand book publishing sector, criteria are devised using Just-In-Time (JIT) theory and Supply Chain Management (SCM). Six people who work in the book industry in New Zealand participated in a case study. Members of the New Zealand book publishing industry from various sectors were interviewed in semi-structured interviews to gather qualitative data. The capacity to compete more successfully with foreign online booksellers is provided by remote printing, which allows brick-and-mortar bookshops to evaluate developed business models and determine which model(s) best suit the New Zealand situation.

LITERATURE SURVEY NO.3

Authors: Aparna Anib, Gayathri.A., Shabu K.R.

Title :”Consumer Perception towards Swiggy Digital Food Application Service: A Analytical Study”,

The study examines the variables impacting Swiggy customers' perceptions and purchasing decisions as well as their overall satisfaction. The study used the practical sampling method to obtain data from 100 respondents using structured questionnaires. The findings indicated that there is a significant correlation between using Swiggy and being satisfied with its services, as well as between using Swiggy and choosing it over other food ordering apps. However, there is no correlation between using Swiggy frequently and age, nor is there any correlation between using Swiggy conveniently and gender.

LITERATURE SURVEY NO:4

Authors: Prof. Jayesh Sarwade, Nikita Mhamane, Minal Patil, Hemangi Bhoir.

Title :Delivery Management Platform Like Dunzo.

Every e-commerce organization, from large industries to small enterprises, relies on a delivery management platform, but up until now, this has been done in a traditional manner. Customers used to purchase and receive any item or package on their own. Thus, web and android applications may be created to make the delivery procedure reliable and safe for clients at their doorsteps. Customers can use this application to schedule the delivery of any shipment to the designated beneficiary (destination) client. The delivery guy or driver will get notice. After a delivery is made safely, the client at the source is thanked, and the administrator adds trip records for both the customer and the driver. Additionally, clients may follow their items and evaluate the delivery guy in person because he is in charge of ensuring a secure delivery.

LITERATURE SURVEY NO:5

Title: A Review of Service Quality and Delivery: Emphasizing Customer Co-Production and Integration

Authors: Alexander Preko, Samuel Kwami Agbanu, Mawuli Feglo

The paper explores the Department of Marketing, University of Professional Studies, Accra, Ghana, and focuses on the role of customer co-production and integration in evaluating service quality and delivery. It examines the various controls, their outcomes, and the service environment. Delivering services effectively is challenging due to its unique characteristics and extensive customer involvement. The usage, transformation, and facilitation frameworks help identify errors at each level and enable better control. Although customer satisfaction is crucial for high-quality service, customer co-creation has not been extensively studied. Therefore, the study aims to improve theoretical and practical understanding by investigating the impact of customer co-production on service performance. It emphasizes the need for modern tools to enhance service quality performance.

PROPOSED SYSTEM

Pink's PDF is an Indian website for ordering and delivering photocopiers. Its major goal is to deliver photocopies, whether spiral or pdf, pamphlets for advertisements, or other necessary print copies within 20 to 30 minutes.With a minimum purchase requirement and effective online payment methods including Paytm, PhonePe, Freecharge, Mobikwik, Credit and Debit Cards, and Cash-On-Delivery. The site specializes in providing photocopies.To close the gap between Xerox shops and regular individuals who require photocopies on daily day use, Pink'PDF used improvised software technologies and concepts and was inspired through the idea of Swiggy.  
  
 The suggested system Pink’s PDF is made up of a database with a front end and a back end that connects customers to store owners who provide printing services on one end, and a database with information about delivery partners that is provided to store owners on the other end. Both databases are connected in a program called XAMPP, which serves as the server host. The software's purpose is to enable an urgently needed digital environment and to offer immediate assistance.The expanding worldwide digital network, which requires less travel and direct touch with the owners and the users, encourages and inspires individuals to support the digital environment.

As resources are used more effectively, greenhouse gas emissions are decreased, and a more circular economy is made feasible, digitalization has the potential to benefit the environment. Additionally, as society becomes more digitized, people have access to a massive network of untapped data that could benefit both society and the environment. An exceptional possibility to solve problems pertaining to long-term sustainability can be systematically provided by smart systems connected to the internet

PROPOSED ALGORITHM

XAMPP is a pass-platform, loose and open-source web server answer stack bundle advanced via Apache friends that is being used in the proposed system. It consists of the Apache HTTP Server, the MariaDB database, and personal home page and Perl software interpreters.

move-Platform, Apache, MariaDB, Hypertext Preprocessor, Perl, and php are the letters that make up the acronym XAMPP. it's used to configure the neighborhood net server environment on a computer for checking out purposes. putting in and the use of it is simple. XAMPP is supported by means of Linux, Mac, and windows working structures. This gadget acts as a host server in this situation to facilitate conversation among printcopy shop owners as well as between the delivery companions and store owners.

XML

A markup language called eXtensible Markup Language (XML) establishes a set of guidelines for encoding documents in a way that is both machine- and human-readable. Similar to HTML, XML allows you to construct your own tags that are tailored to your needs rather than using standard tags.

JAVA

A high-level, class-based, object-oriented programming language with the least amount of implementation dependencies feasible is called Java. In other words, compiled Java code can run on any systems that support Java without the need for recompilation, which is designed to help application developers write once and run anywhere (WORA).

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WORKING PRINCIPLE

When the user is in need of urgent photocopies he can download and use our pink’s pdf application , the user is provided with less communication and with more options such as the model description and color description selection - everything is determined online as per the user’s needs.

Once the photocopies description has been selected the user can access the available nearby photocopy shops near them,thus the order will be booked by the shop owners. On the other hand the photocopy shop owners can access the delivery partners near them for the delivery of photocopies to the respected individuals .

Thus two applications are created and implemented in our project.the one app connects the user and photocopy or printing shops and another app connects the delivery partners and photocopy or printing shops,all these are connected in the XAMPP server which is the foundation of our application . Thus we are providing a digital environment and bridging the gap between the user and photocopy shop owners.

EXISTING SYSTEM

There is no evidence of existing mobile printing services ,whereas for security reasons, there are remote printing applications for Windows 10 that connect via VPNs. To access distant printers, you can also utilize Google Cloud Print. Another remote printing service is TeamViewer, which enables you to print files kept on distant devices .Though this can be accessed only by the individuals holding printers the daily day users who are deprived of printers lacks photocopies thus our application helps them to access photocopies as per their needs.

Disadvantage

* Adverse weather conditions may result in delay of delivery
* Personal network issues causes error while using the application

CONCLUSION

In conclusion, a mobile printing service provides a practical and effective answer to printing requirements while on the road. It eliminates the need for conventional printers and allows users to print papers and photographs from their smartphones and tablets at any time and from any location. For people and businesses looking for quick and simple printing solutions, mobile printing services are an excellent resource due to their ease and flexibility.Briefly stated, mobile printing services make it simpler for customers to print documents and photographs on the move from smartphones and tablets in a comfortable and flexible manner.Mobile printing services provide flexibility and convenience by enabling customers to print straight from their smartphones and tablets, doing away with the need for conventional printers, and offering on-the-go printing options.Mobile printing services are a significant and effective tool in today's digital age because they allow users to print documents and photos whenever and wherever they need to. They also cater to the fast-paced lifestyle of individuals and the printing requirements of businesses.

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REFERENCE

The proposed system - PINK’S PDF saves the quality time of the individual and also contributes to the digitized environment .The mobile printing service accesses less communication and avoids the peak hour rush. Android held a share of 95.26 percent of the mobile operating system market in India.so it would be easy for the individual to access the application through mobile.

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