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# Vprint 2.0

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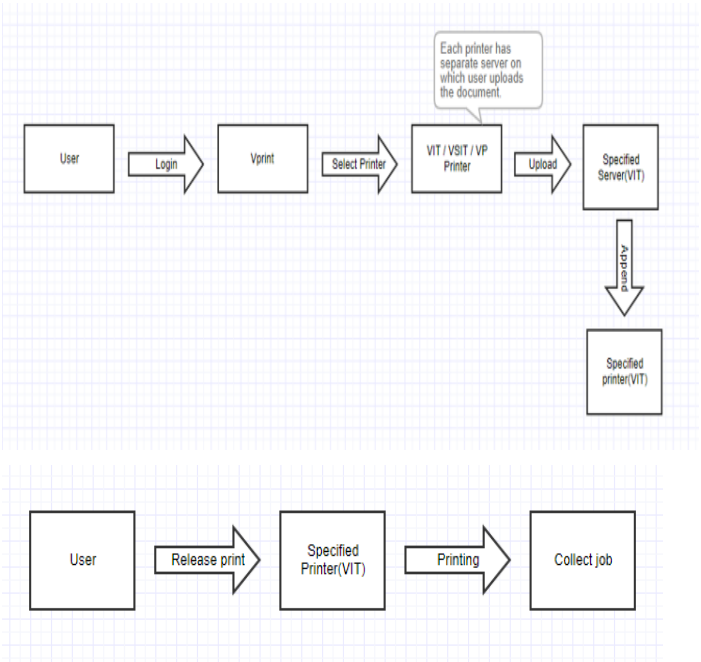
**Abstract:-In today's world we know everyone needs a printer in daily life. A Web-Based Printing system allows a user to upload Printing jobs using your own devices which enables BYOD (Bring Your Own Device) feature. The primary objective is to make printing system easy to use in a more convenient way, by the use of ancillary features of the system. The Currently working printing system focuses on printing jobs efficiently but the problems that students are facing is due to multiple Scanning i.e. absolute queue of print jobs. This System is associated with E-Wallet for all the online transactions related to printing [1], queue monitoring controls the whole printing process at the printer's site, Also Dynamically displaying the required time for the printing by the external hardware (LED)[2]and the Centralize Server Print Releasing makes the system Robust by enabling 'Print where you Release' feature[3].**

## I. INTRODUCTION

The Primary objective of the project is to provide user friendly, convenient and least efforts consuming printing System which makes user to have maximum utilization of the available systems. The significant applications of the System that makes the printing system robust. And comes with overcoming the drawbacks of the existing system. The printing queue is handled by identifying the queue size of the printer spool, and the number of printing pages signifies total time required, and this time is dynamically displays using separate LED Display. A centralized print releasing helps the user to make print at designated printer only by making the whole system centralized. Also the use of E-Wallet reduces the time and efforts of the students unlike the manual money depository system. Papercut is the software that allows the implementation of the Web-based Printing System. A user friendly interface has made the system more effective to use and ancillary amenities make the system to meet the desired goal.

## II. EXISITING SYSTEM

Existing system focuses on print jobs more efficiently but the problem that students are facing is due to blind multiple scanning. Jobs get printed at the specified Printer attached to it only. And sometime it leads to document lost. Student's or users are unable to know how much time to get our print job done? Specified printer print releasing makes and specified server print releasing methodology. At the print release station no effective utilization of the resources because of improper queue monitoring and lack of blind scanning it becomes very tedious and time consuming for students. As the VPRINT accounts crediting process is done manually only this consumes more time and efforts of students. Also the disabled mobility feature restricts the user to release the prints from the printer. Hence our project is an attempt to overcome such problems.



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## III. AIM & OBJECTIVE

The main aim of our project is to make feasible printing system for students. As the VPRINT system is been working in our college from many years in order to provide easy accessibility but in some aspects students face problems, so that our goal is to overcome those problem and to make it available irrespective of the situation. And the amenities of the system to meet the desired requirements.

The objective of VPRINT 2.0 System Project will impact Students in many possible ways. A user- friendly interface has made the system more effective to use. It will be beneficial for the students as it emphasizes on students satisfaction. The ancillary amenities made system to meet the maximum utilization for the students. For any project to be successful, it is necessary that it will, satisfy all the requirements of the user. The user must feel comfortable with the system when he/she is using it.

To achieve this, we describe the scope of the project which should be accomplished within the deadline.

- User-friendly
- Easy Accessible
- Crediting account using e-wallet
- Making the system Centralize
- Fast Processing
- Dynamic notification to the user

## IV. LITERATURE REVIEW

### A. *E-wallet Properties*

The purpose of this paper is to contribute to the design of e-wallets. e-wallets are intended to replace the existing physical wallet, with its notes, coins, photos, plastic cards, loyalty cards etc. Four different user groups, including teenagers, young adults, mothers and businessmen, has been involved in process of identifying, developing and evaluating functional and design properties of e-wallets. Interviews and formative usability evaluations have provided data for the construction of first a conceptual model in the form of sketches, and later a functional model in the form of low-fidelity mock-ups. During the design phases, knowledge was gained on what properties the test users would like the mobile wallet to hold. The identified properties have been clustered as 'Functionality properties' and 'Design properties' in two tables, which are theoretical contributions to the ongoing research in mobile wallets.

### B. *Computational Resource for Mobile E-Wallet System*

The next generation of individual payment systems that will replace traditional smart cards will be mobile devices supplied with e-wallet functions. The spread of such e- wallet systems will depend on their security, functionality, ease of use and the effectiveness of realization. This paper proposes an effective realization of e-wallet system, providing e-cash divisibility, off-line payment and deposit options as well as purchaser's anonymity against the vendor and satisfying general electronic payment security requirements of double spending prevention, unforgeability as well as unclonability of purchaser's identity. The latter is achieved through the implementation of bank's tamper resistant hardware agent, known as observer, provided with physically unclonable function (PUF), capable of yielding a unique unclonable code (UUC), in user's mobile device. The estimation of the necessary computational resources in the usage of the proposed mobile e- wallet system is presented in order to determine whether the proposal is worth the computation cost.

## V. PROPOSED SYSTEM

Main Endeavour of the System is to make user friendly printing system. The System is hoist by assisting ancillary features as follow:

### A. *Queue Monitoring*

The printing queue is handled by identifying the queue size of the printer spool, and the number of printing pages signifies total time required, and this time is dynamically displays using separate LED Display. This enables users to have track on estimated time required by the printers to print jobs. Queue is monitored by allowing users and making aware of estimated time.

### B. *Centralized Server Print Releasing*

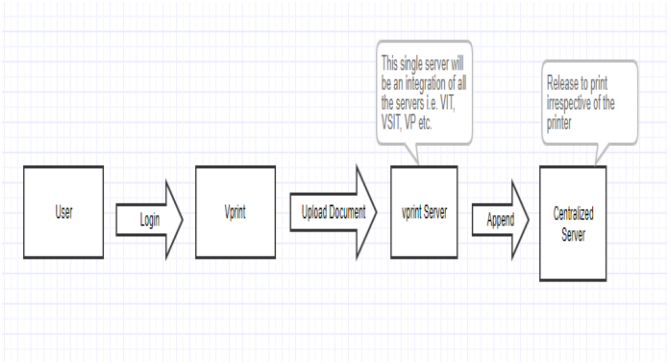
A centralizedserver print releasing helps the user to make print at designated printer only by making the whole system centralized. An integration of all the servers makes the server centralized and printer cognate with server and this allows to release print irrespective of specified printer. Centralized server print releasing makes ‘Print Where You Release’ system.

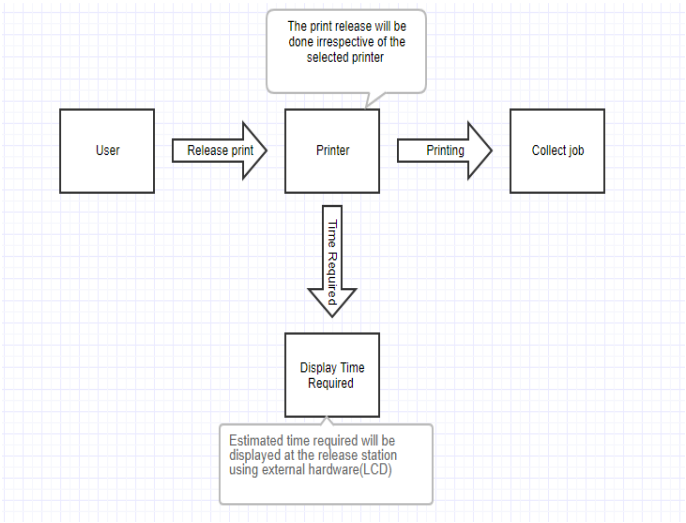
### C. *Use of E-Wallet*

All the transactions for individual account of the system is carried out using E- Wallet. Unlike conventional System’s manual crediting method. System is now is synchronized with E-Wallet ancillary feature which requires dwarf time and efforts by making online transactions make it certain for the users.

## VI. WORKING OF PROPOSED SYSTEM

In the previous section we have understood the various parts of the proposed system. It even clarifies about the significance of each of the parts. Now in this section, let us understand the working of the proposed system. This would enable us to understand how this proposed system can be effectively used to get rid of the problems in traditional method.




In this system user first login to the Vprint system and upload the document. We have to make a system that when user upload the document in any server i.e. (VP, VIT, VSIT) the print or the document are release where you release.

## VII. CONCLUSION & FUTURE WORK

This work described web-based printing system with significant features allows users to save their time. Associated features of the system makes it maximum utilization. As Queue Monitoring, Centralized server Print Releasing and for online transactions E- wallet is congaed.

## VIII. AKNOWLEDGEMENT

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