**ABSTRACT**

The printing market has dramatically expanded in response to the spread of digital and mobile phone. As a result, making the quality and price of printing a more serious issue. Accordingly, this paper proposes and implements a digital paper printing system with a Smart Automated Printing Solution to solve the two above-mentioned concerns. As such, the IOT Device compensates for the gamut difference between the device and the printer to provide high quality printing. Plus, since it is used for real-time processing, the proposed system offers a one-touch interface for easy use. In tests, the proposed system produced paper printing without any human concern other than user himself/herself. AirPrint is a printing system of this advance era, this machine has a design like an ATM machine, here one can print any document and this system doesn't have any human influence other than user, this system provides account to user where one can upload his/her documents through their mobile phones and an e-wallet would be provided from which the total printing charges would be deducted after print operation, this account would have advance security features. Online printing services have appeared to respond to the growth of this new user population. An Android app would be available on play store, through that users would be able to handle their AirPrint account. After the documents are automatically uploaded, a touch screen interface is used to print the document. In addition, the purpose of the current research is to provide a printing, avoiding the flaws caused between the human and the printer. The proposed system also includes Black and White Printing functions, Color Printing functions, Photo Paper Printing functions. Consequently, the user can print various types of document such as pdf, doc, etc. AirPrint also has recycling features in it.

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**LIST OF SYMBOLS**

|  |  |  |
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| **S.no** | **Title** | **Interpretation** |
| **1.** | IOT | Internet of Things |
| **2.** | LAN | Local Area Network |
| **3.** | USB | Universal Serial Bus |
| **4.** | ATM | Automatic Teller Machine |
| **5.** | PC | Personal Computer |