PrintEase: Streamlined Printing Services for Local Shops and Customers

ABSTRACT

The proposed application aims to streamline the process of searching for and ordering printing services from local printer shops. Users can search for nearby shops and can select based on their pricing. Customers also have the option to select various printing preferences such as the number of copies, color or black and white, and more. The application also includes a payment gateway to complete the transaction. On the printer shop side, there will be an accompanying application location that receives the payment and document and automatically begins the printing process. Progress updates are shared with the customer, and upon completion, the customer is notified to come and collect their printouts. This application aims to make the process of ordering and receiving printing services more efficient and convenient for both customers and printer shops. This paper presents a new app-based system for automating the process of printing documents. The application allows users to send documents to a connected printer and make payments for the printing service directly from their mobile devices. The system is designed to streamline the printing process, making it more convenient and efficient for users. The application uses a secure connection to communicate with the printer, ensuring that the user's sensitive information is protected. The user can select the desired print settings and preview the document before sending it to the printer. Once the payment is confirmed, the document is automatically sent to the printer and printed. In conclusion, this system can be useful for business use, and the technology behind it can be easily adapted to other industries such as education, healthcare, and retailing.

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