

## **ABSTRACT**

The Wi-Fi based Coin-Operated Printer is a machine that may be used by the students or employees to print files through a Universal Serial Bus (USB) flash drive or by accessing the machine through the network created by the machine. The wireless client will be able to print with his device by using the printer included in the machine. The machine will be operated by a mini-computer called the Raspberry Pi with a Raspbian operating system. The machine will use a touch screen monitor to display the options for printing, file selection, document queued for printing, amount needed, and amount inserted. The machine will only print the files if and only if the amount needed for the file printing, which is displayed in the touch screen monitor, is inserted through the coin slot that can only read three kinds of coin, one peso coin, five peso coin, and ten peso coin.