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(57) Abstract :

According to an aspect of the present disclosure, a device to detect authenticity of a cheque can include a reader configured to receive one or more signals from a chip coupled with the cheque; a keypad configured to receive PIN from a user; a control unit configured to extract information pertaining to any or a combination of cheque number, bank, branch and account number of the cheque based on the received one or more signals, and generate a polynomial based on the extracted information and the received PIN, and compare the generated polynomial with a set of pre-existing polynomials stored in a first database, wherein based on comparison authenticity of the cheque is detected, and wherein if the polynomials match the cheque is genuine, and if the polynomials do not match the cheque is fake.

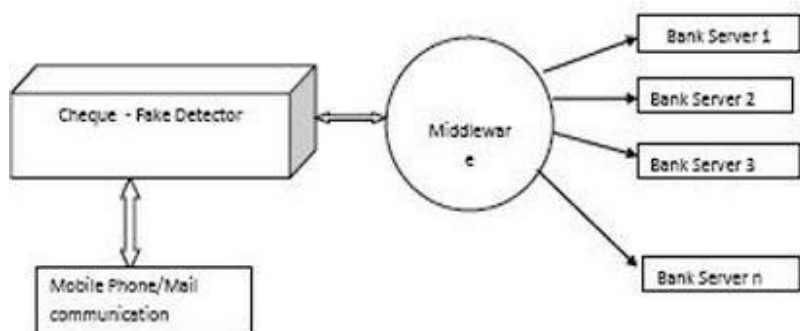


Fig 1

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