CLAIMS:

1. A donation system comprising:

one or more donation devices adapted to receive one or more electronic assets or payments from a donor;

a server connects to the one or more donation devices, the server being adapted to:

(a) conduct near real-time transactions or peer-to-peer transactions with the one or more electronic assets or payments;

(b)record transaction data corresponding to the translations of the one or more electronic assets or payments in a transaction database;

(c) generate a unique identifier associated with the transaction data;

(d) deposit a fund corresponding to the one or more electronic assets or payments into a bank account of a charity or religious organisation;

(e) after the transaction of the one or more electronic assets or payment is completed, receive identification data of the donor from the one or more donation devices,

(f) store the identification data in a user identification database, and

(g) associate the identification data with the transaction data by the unique identifier,

wherein the user identification database is logically and physically segregated from the transaction database, and the identification data is encrypted.

2. The donation system of Claim 1, wherein the donation device comprises a handheld device adapted to execute an application built to communicate with the server.

3. The donation system of Claim 2, wherein the handheld device is a smart device such as a smartphone or a tablet.

4. The donation system of Claim 3, wherein the application is a mobile application built with Native Android (Java), Native iOS (Swift) or Mobile Inoperable Hybrid Technology such as React.Native.

5. The donation system of Claim 1, wherein the donation device is adapted to execute a POS terminal application for donation transactions and communication with the server.

6. The donation system of Claim 5, wherein the application is an Android based POS terminal application built with Native Android (Java) or Embedded Android (Java).

7. The donation system of any one of Claims 1 to 6, wherein the server is adapted to provide a web back-end engine using serverless APIs built in DotNet C# technology.

8. The donation system of any one of Claims 1 to 7, wherein the server is adapted to render, present and connect an administrator web portal interoperable and accessible from an internet web browser.

9. The donation system of Claim 8, wherein the web portal 14 comprises a web user Interface with back-end logical code for allowing a user to control the server and the donation devices.

10. The donation system of Claim 9, wherein the web interface is built with React.JS and serverless web APIs built in DotNet C# technology.

11. The donation system of Claim 10, wherein the web interface is adapted to provide a front-end mobile responsive web interface built in React.JS framework.

12. The donation system of Claim 11, wherein the web application is deployed on another cloud server, such as Amazon Web Services (AWS) EC2 Server Instances.

13. The donation system of any one of Claims 1 to 12, wherein the server is adapted to provide a user web portal having a web interface to allow a donor to access an electronic receipt.

14. The donation system of Claim 13, wherein the user web portal is adapted to send the electronic receipt to the user through a short message service or an electronic mail.

15. The donation system of any one of Claims 1 to 14, the server is adapted to communicate with administrator web portals or user web portals through a secure socket layer protocol.

16. The donation system of any one of Claims 1 to 15, wherein the donation device is adapted to scan the biometric information from the user or the donor for identification.

17. The donation system of any one of Claims 1 to 16, wherein the donation device is adapted to connect to an identification server or identification service to provide the identification data to the server.

18. The donation system of any one of Claims 1 to 17, wherein the server is adapted to provide one or more secured channels to communicate with the donation device, , identification server or service, and financial institutions.

19. The donation system of Claim 18, wherein one of the secured channels is an encrypted channel using one or more encryption keys stored in secured storage of the server.

20. The donation system of Claim 19, wherein the encryption keys comprises an algorithm using 256 bits RSA cryptography.

21. The donation system of Claim 1, wherein the transaction database and the user database, each is a relational database storage.

22. The donation system of Claim 21, wherein the relational database is implemented as a cloud service,

23. The donation system of Claim 21, wherein the relational database comprises AWS Aurora MYSQL databases deployed on encrypted RDS servers with 2 bifurcated RDS database instances for secure de-identified data storage methods.

24. The donation system of any one of Claims 1 to 23, wherein the donation device and the server comprise an ultra-safe security processor and comprise a device kiosk mode whereby an application operate at any given time and wherein the donation device is remotely commanded by the server and configured to prevent any user to enter the device settings or operate other third-party applications on the donation device.

25. The donation system of Claim 24, wherein the ultra-safe security processor in the donation device and the server is adapted to enforce the use of encrypted certificates for secure system boots and device identification and wherein the donation device and server are adapted to exchange and access data using an API gateway authorisation with JWT tokenisation.

26. The donation system of Claim 24 or Claim 25, wherein the ultra-safe security processor includes random number generators and all the hardware blocks needed to generate keys not available or accessible to the user software.

27. The donation system of any one of Claims 1 to 26, wherein the donation device and the service are adapted to support software level and hardware level encryption, such as RSA, AES, 3DES Micro, etc.

28. The donation system of any one of Claims 1 to 27, wherein the donation device comprises a processor.

29. The donation system of Claim 28, wherein the processor is a 64bits advanced RISC microprocessor such as ARM Cortex-A53.

30. The donation system of any one of Claims 1 to 29, wherein the donation device comprises a Near Field Communication (NFC) module to provide contactless communication with other NFC devices for electronic payment.

31. The donation system of any one of Claims 1 to 30, wherein the donation device comprises a high-speed interface to receive one or more removable storage media or flash memory such as an SD card.

32. The donation system of any one of Claims 1 to 30, wherein the device is adapted to provide a pin transaction security module that is capable of carrying out secure reading and exchange of data.

33. The donation system of Claim 32, wherein the exchange is adapted to comply with Payment Card Industry (PCI) PTS 5.x, SRED guidelines.

34. The donation system of any one of Claims 1 to 33, wherein the donation device comprises one or more modems for communicating the data to a server.

35. The donation system of Claim 34, wherein one of the modems is a WIFI modem for communicate with a local network.

36. The donation system of Claim 34, wherein one of the modems is a cellular network modem in which the donation device is adapted to communicate with the server of the system via cellular networks.

37. The donation system of any one of Claims 1 to 36, wherein the donation device 100, 200 comprises a touch screen.

38. The donation system of any one of Claims 1 to 37, wherein the donation device comprises a keypad.