Biometrics System

Create a network that will take the fingerprint of a person, store it in a database so they can be verified and stored as a verified user on the network.

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| Diagram  Fingerprint recording  Feature extraction  Enrol user  Database  Template comparison  Verify user  Fingerprint recording  Result (Are they a verified user?) | Components of this network   * 2 x keypads - One for registering as a user and one for verifying the user. * Recording of a fingerprint. * Feature extraction – Selecting parts of the fingerprint that help to create the unique identify of this user. * Database – To store the fingerprint of the new user. * Template comparison – checking fingerprint against the database. * An output that checks the users fingerprints to see if they exist in the system. |