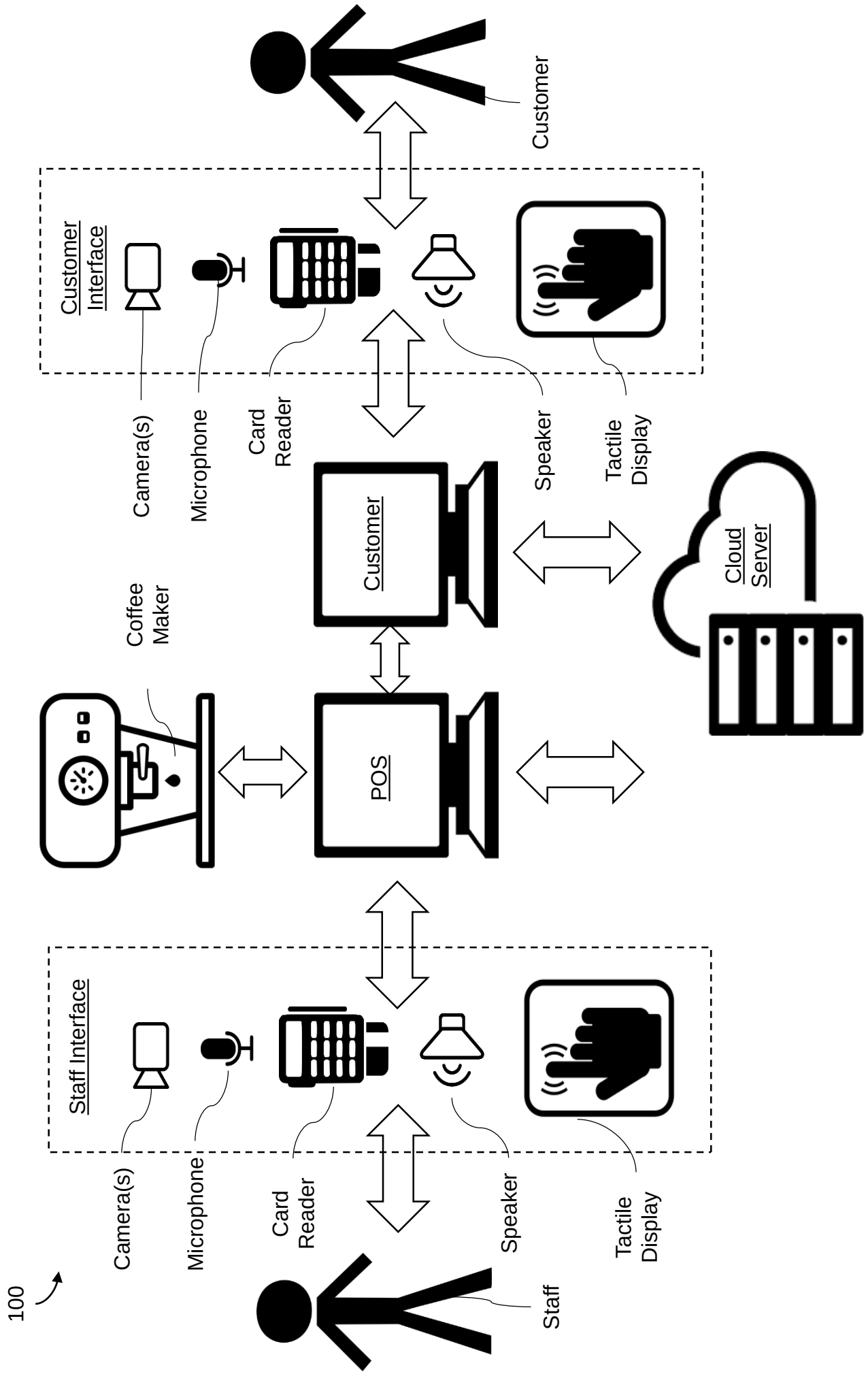


Fig. 1 Schematic of an Automatic Coffee Machine

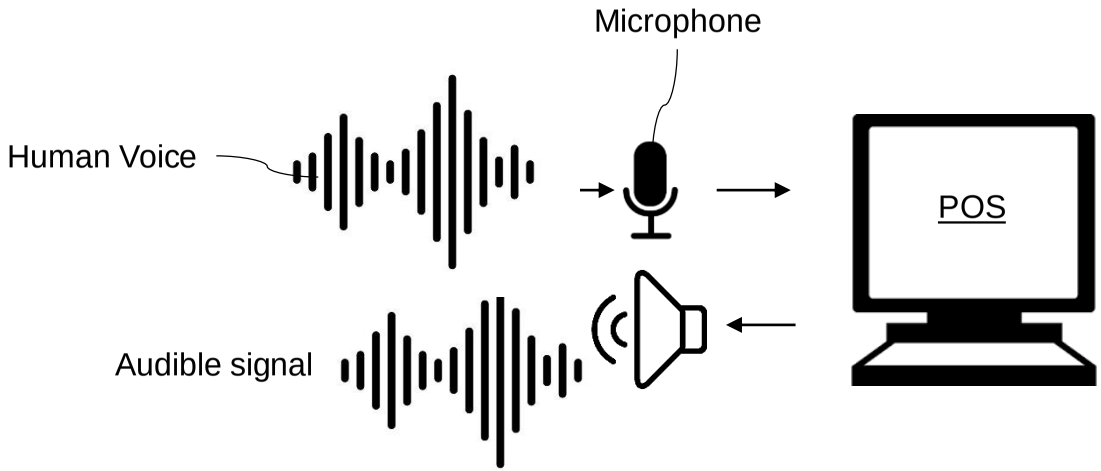


Fig. 2 Schematic of a microphone and a speaker interacting with a POS terminal (Statistical Learning)

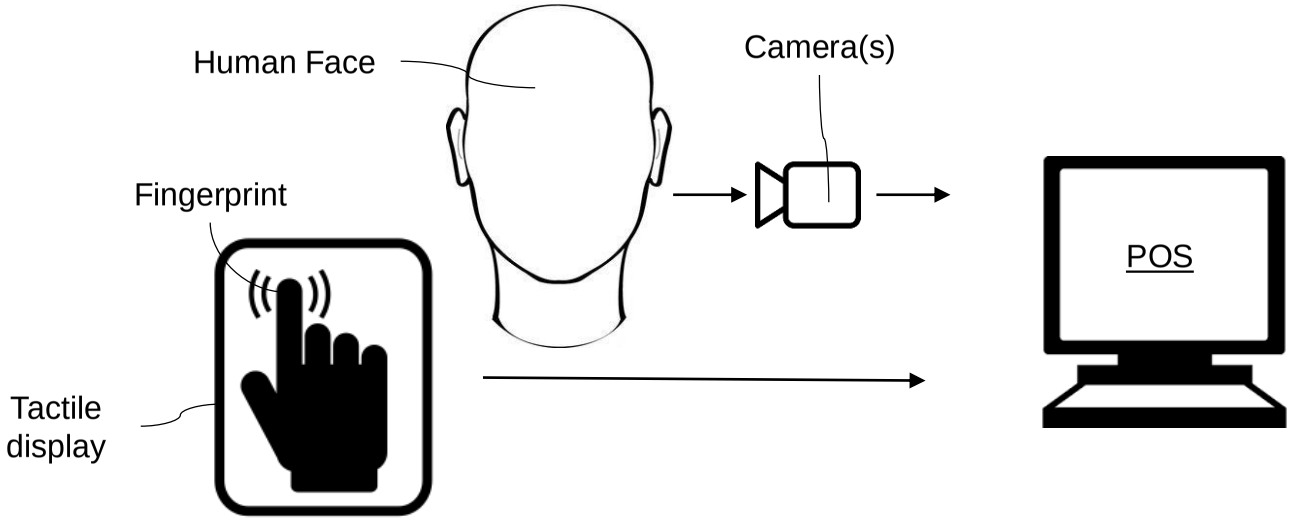


Fig. 3 Schematic of a camera and a tactile display interacting with the POS terminal (Symbolic Learning)

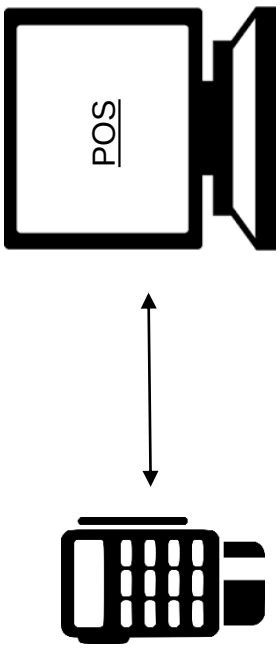


Fig. 4 Schematic of a staff reader interacting with a POS terminal

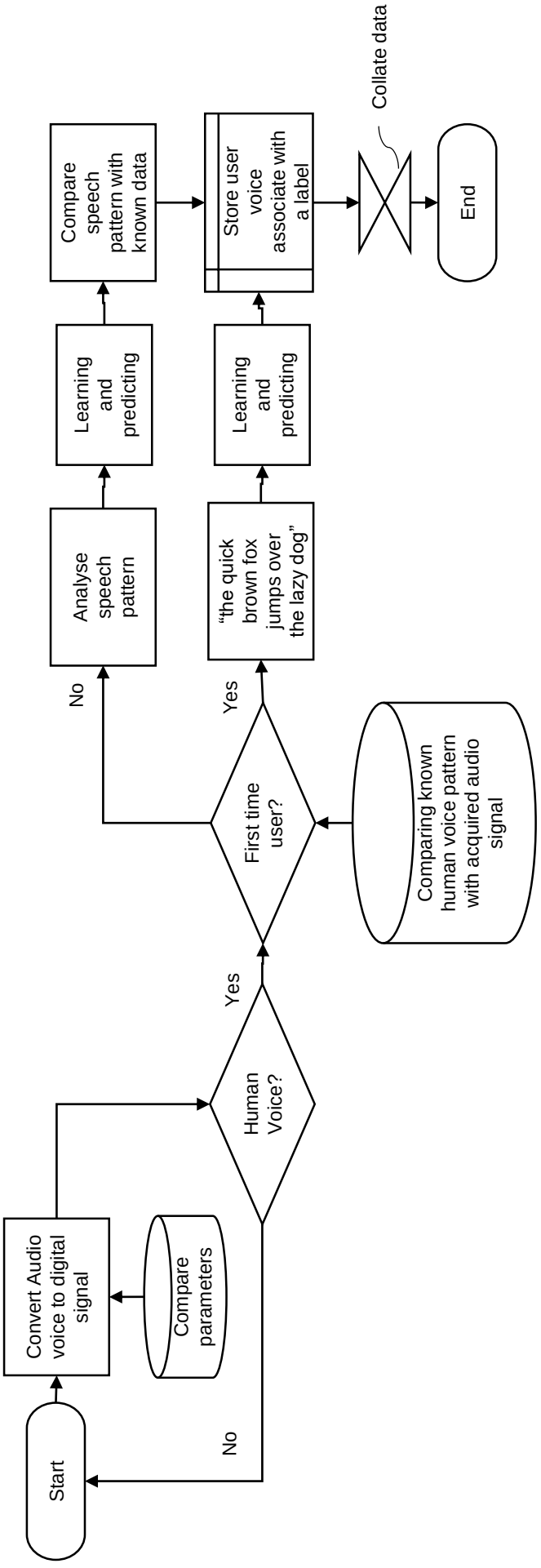


Fig. 5 Voice recognition and learning

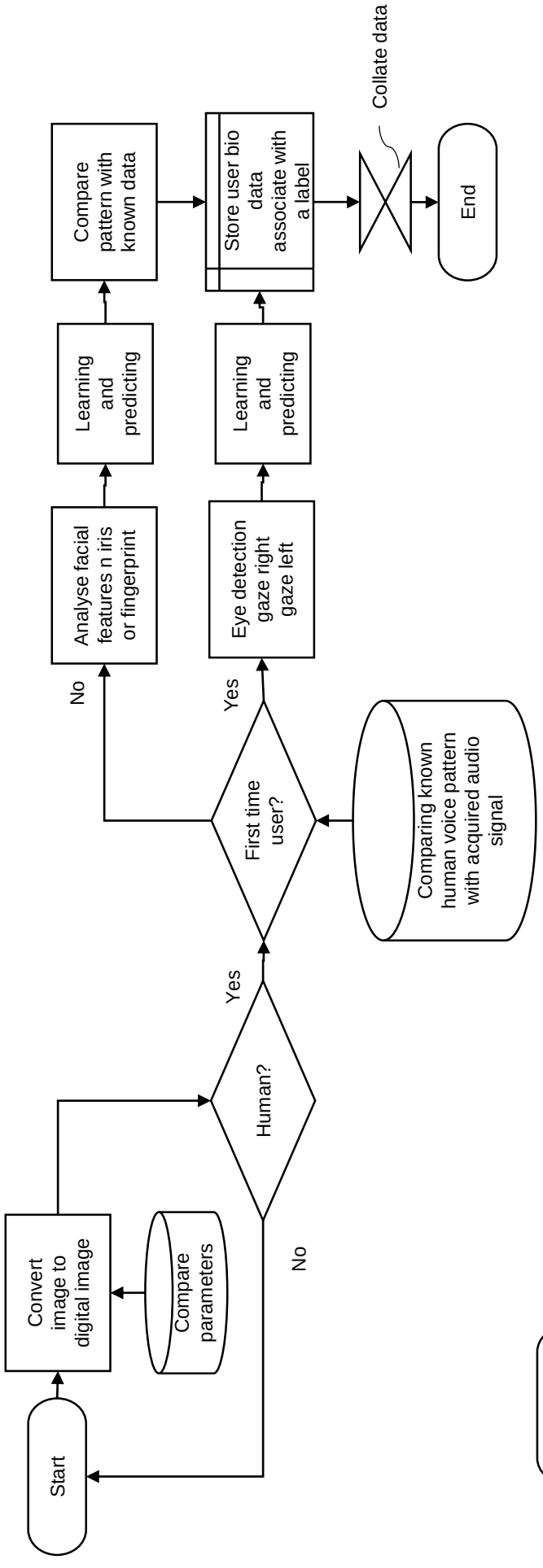


Fig. 6 Tracking and Recognizing Biological data (Finger, iris and facial)

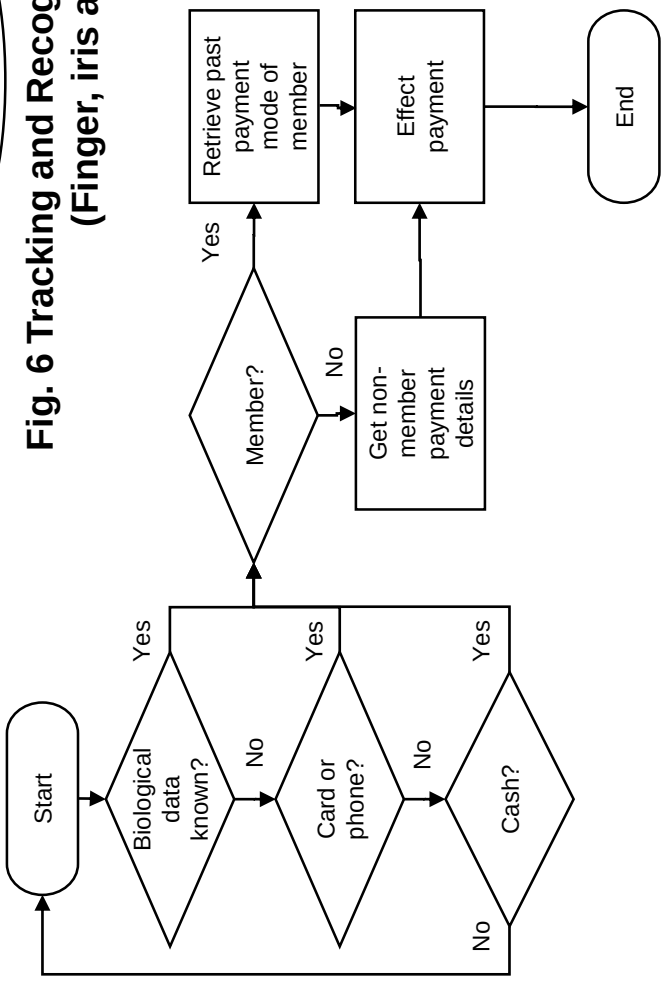


Fig. 7 Determining Payment Mode

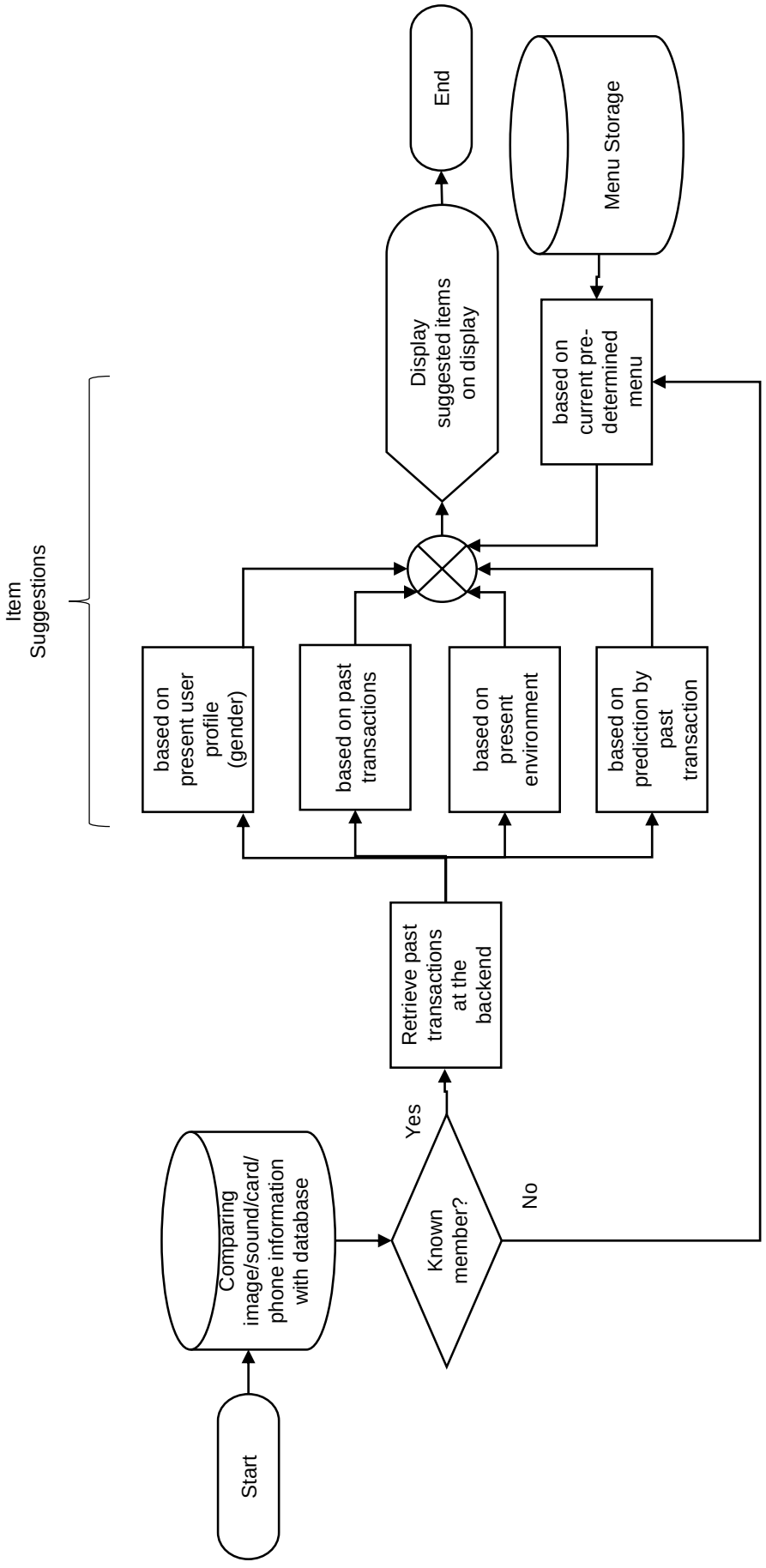


Fig. 8 Suggesting Item

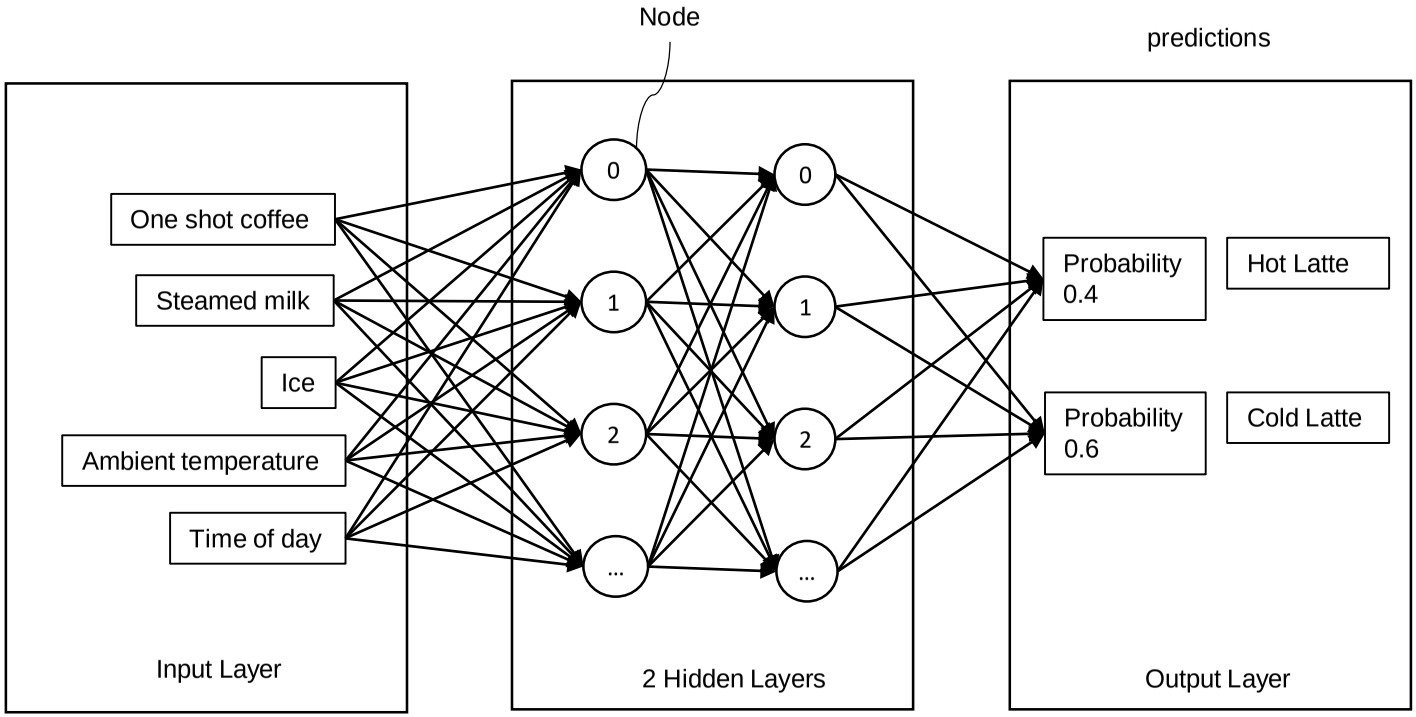


Fig. 9 Neural Network Model for biological data prediction (facial, iris, fingerprint) and data analytics of customer purchasing behaviour