

Figure 1: Conceptual Diagram

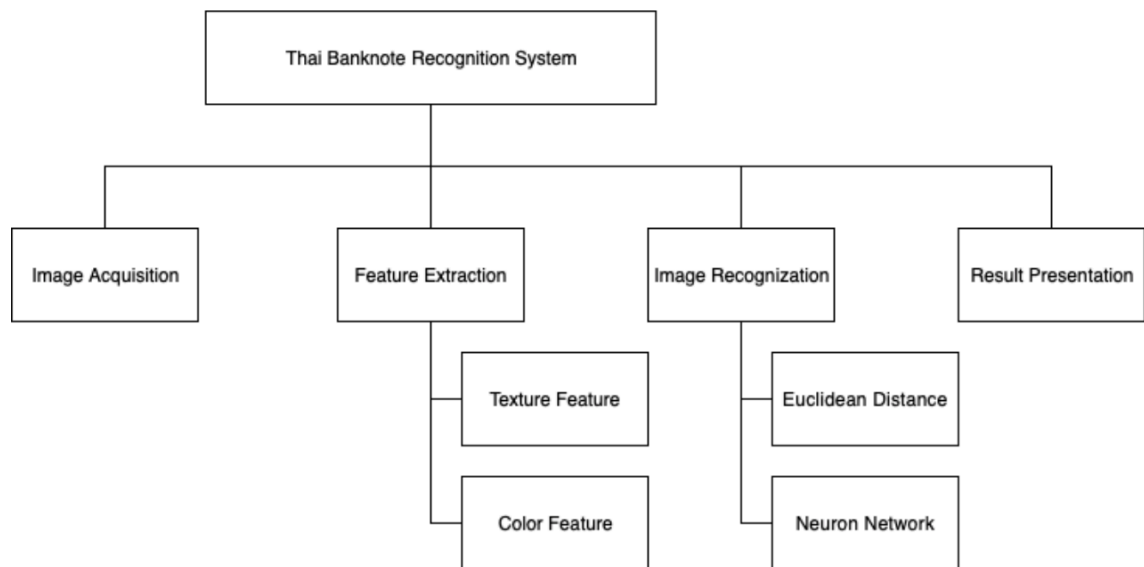


Figure 2: Structure Chart

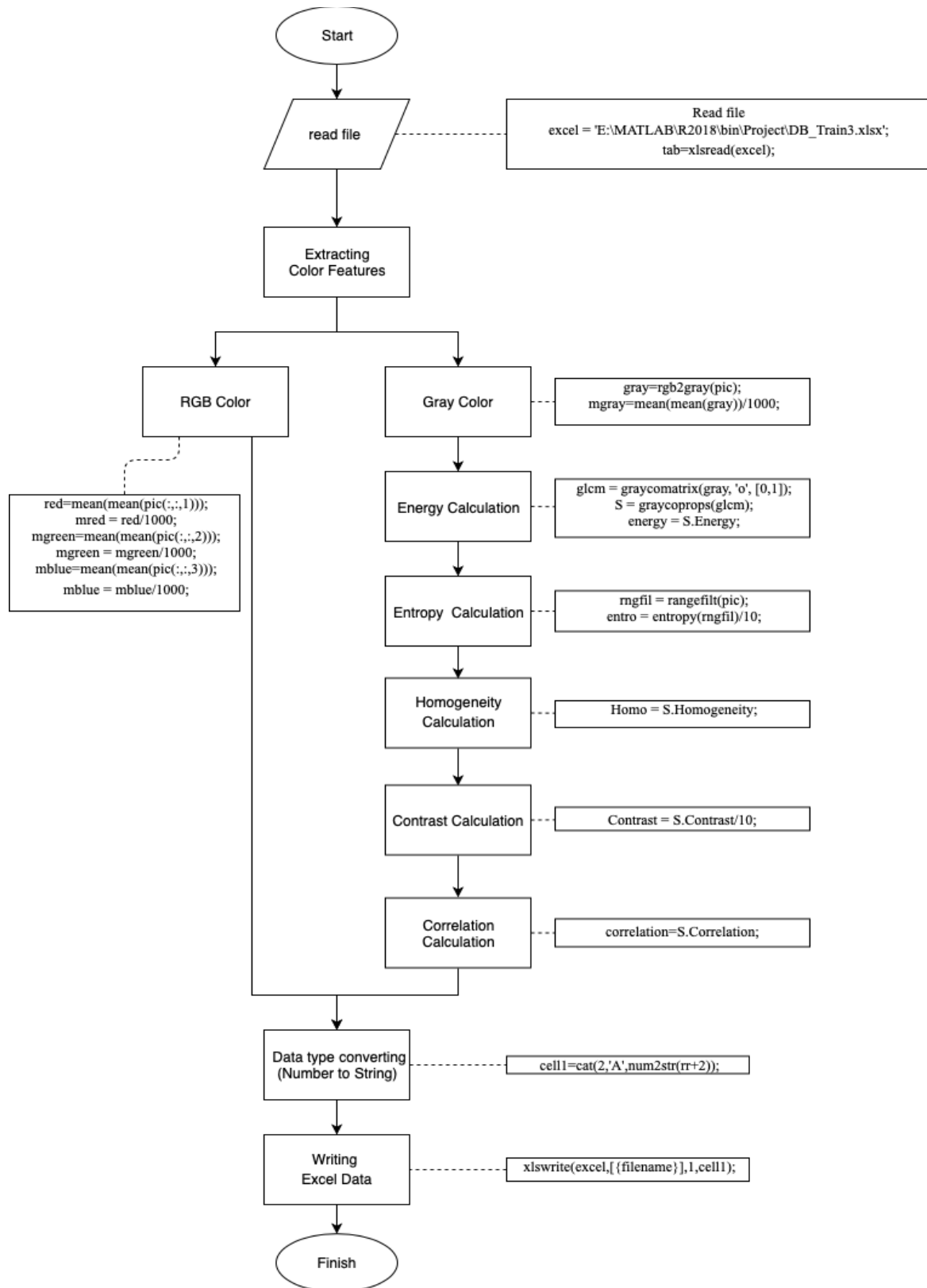


Figure 3: Feature Extraction Flowchart

$$\begin{aligned}
 d(p, q) &= d(q, p) \\
 &= \sqrt{(q_1 - p_1)^2 + (q_3 - p_3)^2 + \dots + (q_n - p_n)^2} \\
 &= \sqrt{\sum_{i=1}^n (q_i - p_i)^2}
 \end{aligned}$$

Figure 4: Euclidean Distance Equation

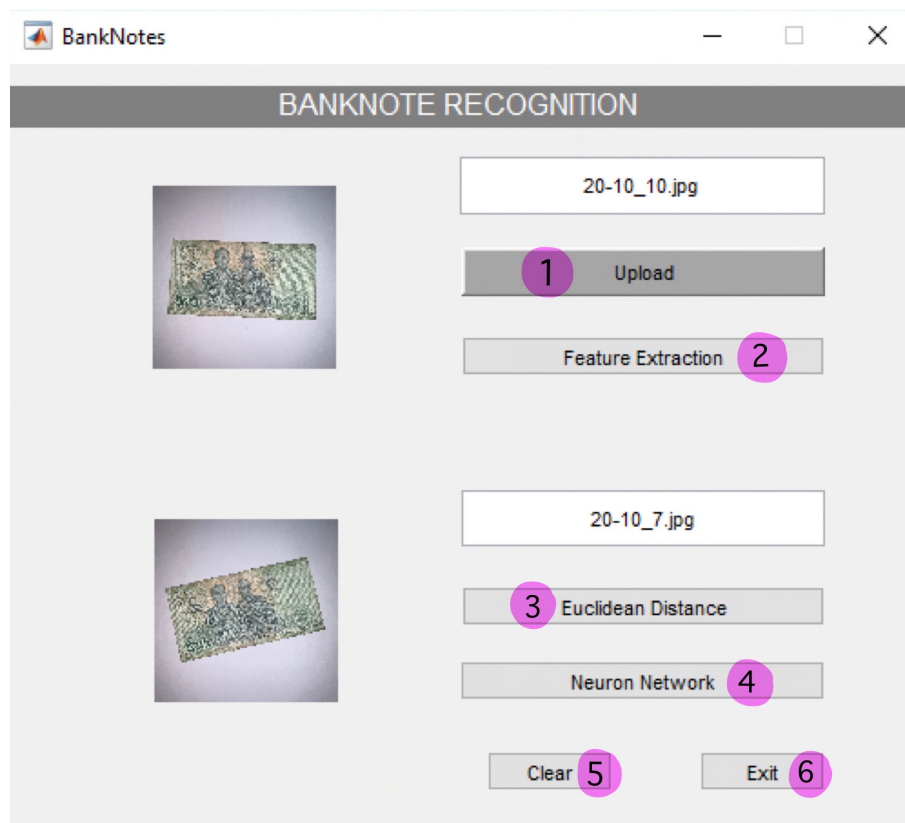


Figure 5: Graphic user interface

	Euclidean distance			Neuron Network		
	Match	Mismatch	Unknown	Match	Mismatch	Unknown
20 Baht [Rama 9]	2	-		2	-	-
20 Baht [Rama 10]	-	2	-	2	-	-
50 Baht [Rama 9]	-	2	-	2	-	-
50 Baht [Rama 10]	2	-	-	2	-	-
100 Baht [Rama 9]	-	2	-	2	-	-
100 Baht [Rama 10]		2	-	2	-	-
500 Baht [Rama 9]	1	1	-	2	-	-
500 Baht [Rama 10]	1	1	-	-	2	-
1,000 Baht [Rama 9]	2	-	-	2	-	-
1,000 Baht [Rama 10]	1	-	1	1	1	-

Table 1: Result table from the experiment