







Take the sum of the absolute values of the differences of the coordinates. For example, if  $X=(a, b)$  and  $y=(c, d)$ , the Manhattan distance between  $x$  and  $y$  is  $|a - c| + |b - d|$ .

▪ Mahalanobis Metric

$$D_M(x) = \sqrt{(x - \mu)^T S^{-1} (x - \mu)}$$

▪ Canberra Distance

▪ Bray Curtis Distance

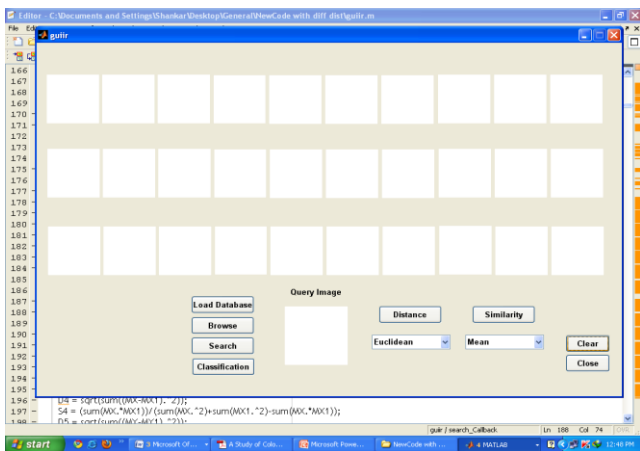
Minkowski Distance =  $(\sum_{i=1}^n |x_i - y_i|^p)^{1/p}$

**Multi-feature Score Method:**

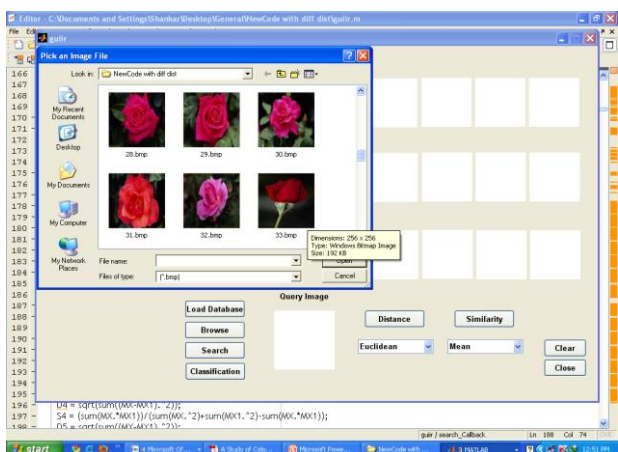
- This paper proposes an image retrieval method based on multi-feature similarity score fusion
- This paper analyzed image retrieval results based on color feature and texture feature, and proposed a strategy to fuse multi-feature similarity score.
- Further, with this algorithm, the weights of similarity score are assigned automatically, and a fine image retrieval result is gained.
- This paper only discusses the fusion method of two-feature similarity score.
- Color & Texture Features are taken for similarity score

**5. Results**

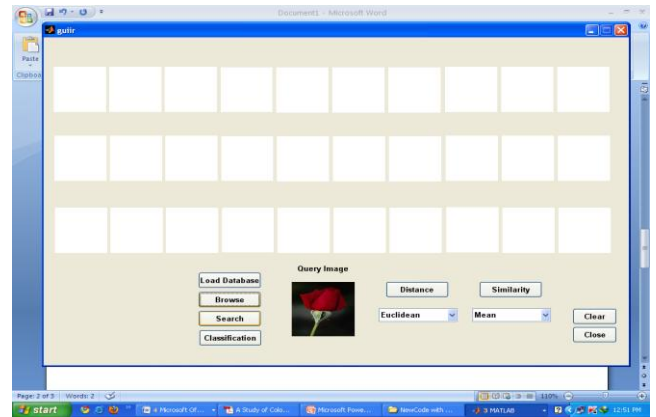
**Loading Data Base**



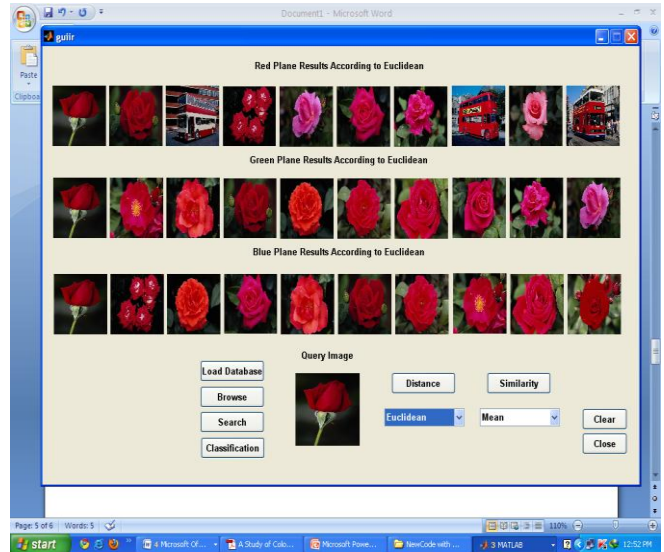
**Selecting Query Image**



**Searching**



**Classification**



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