Content-Based image retrieval systems (CBIR) have become very popular for browsing, searching, and retrieving images from a large database of digital images as it requires relatively less human interference. In Content-based image retrieval system, visual features, color, texture and shape features have been the primitive image descriptors in CBIR systems. By using only color, texture or shape features, cannot get high precision. So, propose a new content-based image retrieval method that uses combination of color, shape and texture feature to get high precision. By using techniques like Image Processing, Data Mining, Machine Learning and Database for extracting color features, texture features and shape features, In this paper discuss the using various features and technique to possible get best precision as well as less computational complexity and good retrieval accuracy.
1. Jiawei Han University of Illinois at Urbana-Champaign MichelineKamber, “Data Mining Concepts and Techniques.2nd.
3. JiZhang,WynneHsu,Mong Li Lee “Image minig: Issue,Framework and techniques”
7. S.Pradeep, Mrs.L.Malliga “Content based image retrieval and segmentation of medical image database with fuzzy” 2014 IEEE ICICES 2014
10. Nadia Baaziz, Omar Abahmane and RokiaMissaoui “Texture feature extraction in the spatial-frequency domain for content-based image retrieval”.
12. S.Asha, S.Bhuvana, Dr.R.Radhakrishnan“A Survey on Content Based Image Retrieval Based on Feature Extraction” 2014 Vol 1, Issue 06;pp 29-34

Index Terms

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