Image Comparison Tool Product Proposal
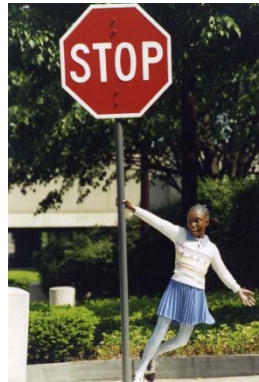
Tim La Fond and Peter Beckfield

Basic Idea

- Sort a database of images, based on a chosen search image

Search Image   Good Match   OK Match   No Match

Potential Features:

- Tag images based on similarity to a search for easy organization
- Customizable search function, such as color comparison

- Target Customer
  - Digital Camera users with an abundance of photos, without the time to sort them manually

- Risk Factors
  - Will we be able to develop an algorithm accurate enough to rank images correctly?
  - Even if we design a working algorithm, will it run in a reasonable amount of time?
  - Will that ranking be relevant to our customers needs? (for example, tagging pictures of flowers?)

Search image

Client Application

Server

Images ranked by metric

Search image

Database

Comparison Algorithm