Formal meeting

Wednesday, March 23, 2016 1:00pm | GPQ's office in SEB

Minute Taker	Bryan Kok (BK)
Attendees	Dr Guoping Qiu (GPQ), Dylan Wang (DW), Gloria Liu (GL), Bob Peng (BP), Suleiman Ramjaun (SR), Bryan Kok (BK)

	Type	Note	Owner	Due
1. Action Points Completed	DONE	BK has completed a brief demo of the interface to search by query.		
1.1	DONE	BK has solved the issue of color histogram skewing by introducing an alpha channel, making the background transparent and using masking while computing the histogram to ignore pixels with transparency below a threshold.		
2. Improvements	INFO	The original distance measure, chi-square, is not suited to all images; possibly allow users to choose the distance measure?		
2.1	IDEA	GPQ mentions that Histogram Interesection is equivalent to the Manhattan Distance measure, which will be faster to calculate than the Euclidean distance.		
3. Concerns	INFO	When interacting with the app so far, GPQ uncovered some unintuitive issues such as: scrolling of the local image album being horizontal.		
3.1	DECISION	One single row per result image occupies too much space; allow the user to rearrange the images into a grid.		
3.2	TODO	GPQ mentions that focusing on the user experience should be the main focus from the current point onward.		
4. Final Group Report	INFO	A very important part of the report is User Testing, which should be carried out with potential users.		
4.1	TODO	Questionaires can be used to seek user input on the most common preferences.		
4.2	DECISION	Conduct a structured interview with potential users; select a number of images and ask users to find the images both by using sketch and by an initial query image. Efficiency is to be measured in either the absolute time or by the number of clicks/taps the user takes.		