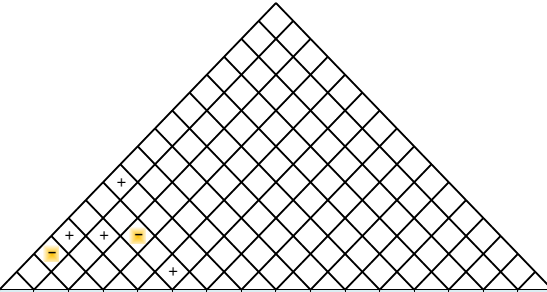


**QFD: House of Quality**

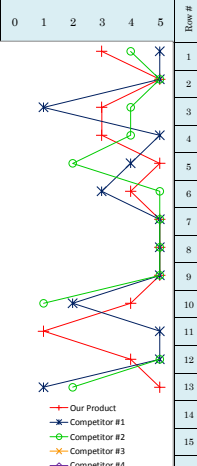
Project: Book Scanner  
 Revision:  
 Date: February 22, 2013

Jeffrey Tam      Greg Tayo  
 Michael Simfelice      Andrew Knueppel  
 Nick Breesser

Correlations	
Positive	+
Negative	-
No Correlation	
Relationships	
Strong	●
Moderate	○
Weak	▽
Direction of Improvement	
Maximize	▲
Target	◇
Minimize	▼



Row #	Weight Chart	Relative Weight	Customer Importance	Maximum Relationship	Customer Requirements (Explicit and Implicit)	Customer Competitive Assessment																Row #																									
						Column #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		16																								
						weight															Our Product																										
1	Fast	6%	6	9	Fast	●	▼														3	5	4																								
2	Accurate photo timing	9%	9	3	Accurate photo timing	○															5	5	5																								
3	Easy to use	6%	6	1	Easy to use	▽			▽												3	1	4																								
4	Automated	7%	7		Automated																3	5	4																								
5	Quiet	4%	4	3	Quiet	▽				○					▽						5	4	2																								
6	Adjustable to book sizes	9%	9	3	Adjustable to book sizes				○												4	3	5																								
7	Able to recognize images and letters	10%	10	9	Able to recognize images and letters	○	●		▽	○											5	5	5																								
8	Preserve font of book	7%	7	9	Preserve font of book		●			○											5	5	5																								
9	Preserve text styling (i.e., underline, bold)	8%	8	9	Preserve text styling (i.e., underline, bold)		●			○											5	5	5																								
10	Portable	9%	9	9	Portable	●			●												4	2	1																								
11	Contour correcting	9%	9	9	Contour correcting		●			○											1	5																									
12	Reliable page turner	9%	9	9	Reliable page turner		●		▽												4	5	5																								
13	Reasonably priced	9%	9	9	Reasonably priced	▽	○	●	○	○	○				●						5	1	2																								
14																																															
15																																															
16																																															



<http://hackaday.com/2012/11/16/google-books-team-open-sources-their-book-scanner/>

Target	Technical Competitive Assessment															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
20lb																
40 pages/min																
1200 dpi																
2 Ft*3																
250 watts																
2GB+																
1/1000 sec																
Max Relationship	9	9	9	9	9	3	3	9								
Technical Importance Rating	94.12	218.6	385.3	147.1	65.69	144.1	162.7									
Relative Weight	8%	18%	32%	12%	5%	12%	13%									
Weight Chart																
Our Product	5	3	3	3	5	5	5	5	4							
BFS-Auto	2	5	5	3	1	5	5									
Google Book Scanner	3	4	4	3	1	5										
Technical Competitive Assessment																