Deliverable C

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Project Group 16

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1.

#	Need	Design Criteria
1	The program is low cost	Cost ($)
2	The program is quick to respond/The program is stable	Time (Seconds)
3	The program has to be safe from hacking	Reports of hacking Detects suspicious activity
4	The program has to offer a variety of places to spend points	Number of institutions to spend points Broad and “horizontal” points ecosystem
5	The program is available for a huge customer base	Number of countries where program is available
6	The program has a small storage size	Size (MB)

2.

Specifications/loyalty Program	PC Optimum	Scotiabank Scene	Air Miles/Cash Miles/Dream Miles
Cost (Annually)	$99 (CAD)	Free	Free
App stability (Customer Reviews)[1]	Okay	Okay	Okay
Hacking Reports	Several but has 2 step auth. option	Not many/2 step auth option	Rare/2-step auth. option
Variety	Restricted	Restricted	High Variety
Program Availability	Only Canada	Only Canada	Available in multiple countries
Program Size	72.9MB	47.6 MB	44.8 MB

3.

Specifications/loyalty Program	Importance (Weight)	PC Optimum	Scotiabank Scene	Air Miles/Cash Miles/Dream Miles
Cost (Annually)	5	1	3	3
App stability (Customer Reviews)	4	2	2	2
Hacking Reports	2	1	2	3
Variety	4	1	1	3
Program Availability	3	1	1	3
Program Size	2	2	3	3
Total		26	40	56

[1] App stability and hacking reports are based off of app store and google play store reviews. There's no set in stone "data" for stability that we could find. Taking all read reviews with a "grain of salt" but

4.

	Design Specification	Relation (=,< or >)	Value	Units	Verification
	Functional Requirements				
1	App Stability	**=**	**yes**	**N/A**	**A lot of testing**
2	Hacking Report/Security	**=**	**yes**	**N/A**	**Tests**
3	Variety	**=**	**Many**	**N/A**	**Research**
4	Availability	**=**	**Many**	**N/A**	**Research**
	Constraints				
1	Cost	**<**	**50**	**$**	**Estimate**
2	Program Size	**<**	**50**	**MB**	**Estimate**
	Non-Functional Requirements				
1	Aesthetics	**=**	**yes**	**N/A**	**Test**
2	App Design	**=**	**yes**	**N/A**	**Test**