

Decision Matrix

	Design Sol. 1	Design Sol. 2	Final Sol. 3
Pros (+)	<ul style="list-style-type: none"> + Has the most features + Provides the most services to the user 	<ul style="list-style-type: none"> + No database + Better usability than solution 1 + Not as much testing as solution 1 	<ul style="list-style-type: none"> + No database + Simple and user friendly + Least Environmental Impacts + Lowest volume of testing
Cons (-)	<ul style="list-style-type: none"> - Database - UI not User friendly - Impacts environment due to additional features (more cost) - High volume of testing 	<ul style="list-style-type: none"> - Has less features - UI not as User friendly as solution 3 - Impacts environment due to additional features (more cost) - High volume of testing 	<ul style="list-style-type: none"> - Has the least features - Cannot simulate transactions outside the current date

	Category Weight (1-5)	Solution 1 (1-5)	Solution 2 (1-5)	Final Solution
Features	4	$5 \times 4 = 20$	$4 \times 4 = 16$	$3 \times 4 = 12$
Implementation Complexity	3	$1 \times 3 = 3$	$2 \times 3 = 6$	$5 \times 3 = 15$
Value to Customer	5	$5 \times 5 = 25$	$4 \times 5 = 20$	$4 \times 5 = 20$
Environmental Factors	3	$2 \times 3 = 6$	$3 \times 3 = 9$	$4 \times 3 = 12$
Ease of Use	5	$3 \times 5 = 15$	$4 \times 5 = 20$	$5 \times 5 = 25$
TOTAL	---	69	71	84