

Concept Generation and Selection Rubric

Rev. 2024-09-23

Project Name

Reviewer

Date

Criteria	<i>Exceeds Expectations</i> 93-100 (A), 90-92 (A-)	<i>Matches Expectations</i> 87-89 (B+), 83-86 (B), 80-82 (B-)	<i>Fair</i> 77-79 (C+), 73-76 (C), 70-72 (C-)	<i>Needs Improvements</i> 67-69 (D+), 65-66 (D)	<i>Unacceptable</i> Below 65 (F)	Num. Score	Weight	Weighted Score
<p>Concept Generation</p> <ol style="list-style-type: none"> 1. Multiple concepts were presented. 2. Diverse range of concepts are presented. 3. The relationship between a design concept and the needs and requirements is clear. 4. Implementing a proposed design concept appears to be feasible. 5. The explanation is complete. 6. The explanation is clear. 	5 or more	4 out of 6	3 out of 6	2 out of 6	less than 2 out of 6		0.6	
<p>Concept Selection</p> <ol style="list-style-type: none"> 1. Selection criteria are derived from the Needs and Requirements 2. Facts were obtained by research, modeling, and/or experiment 3. Multiple criteria were considered during evaluation 4. Selection process is based on analysis of the above information, not opinions 5. Combinations of concepts were considered and adopted as appropriate 6. Selected concept(s) appear(s) feasible 	5 or more	4 out of 6	3 out of 6	2 out of 6	less than 2 out of 6		0.4	
Total							1.0	