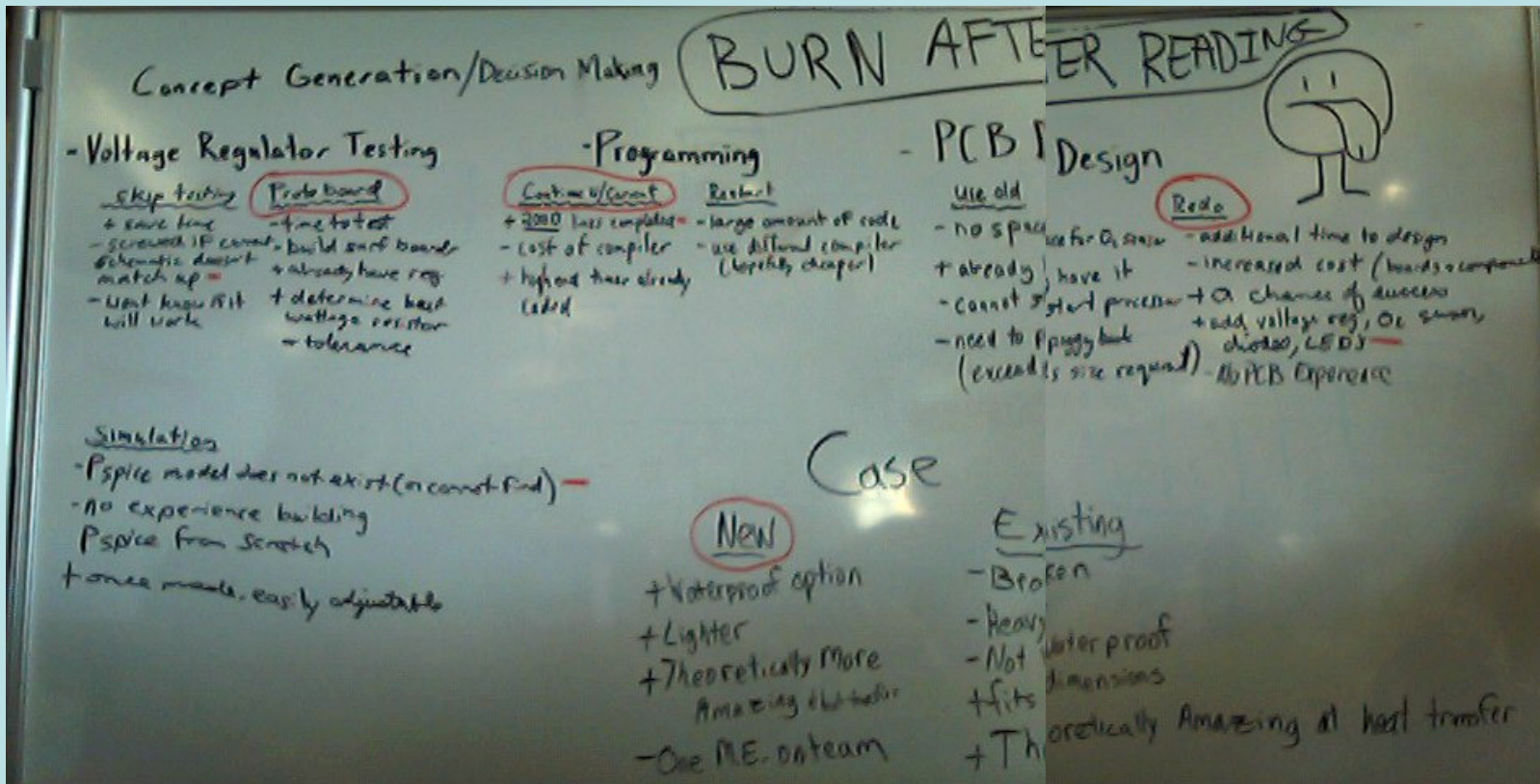


Concept Pros & Cons Brainstorming



Voltage Regulator Testing

Requirement	Importance Factor	Skip Testing		Protoboard		Simulation	
		Benefit	Weighted Benefit	Benefit	Weighted Benefit	Benefit	Weighted Benefit
Time for Testing	5	5	25	3	15	4	20
Error Adustment Period	5	0	0	4	20	5	25
Optimization of System	4	2	8	5	20	4	16
Availability of components	3	5	15	5	15	0	0
Net Weighted Benefit			48		70		61

Programming

Requirement	Importance Factor	Continue with Current		Re-start	
		Benefit	Weighted Benefit	Benefit	Weighted Benefit
Amount of Code to Write	3	4	12	0	0
Cost of Compiler	5	1	5	4	20
Difficulty of Code to Write	3	4	12	3	9
Completion Expectations	4	5	20	2	8
Net Weighted Benefit			49		37

PCB Design

Requirement	Importance Factor	Continue with Current		Re-start	
		Benefit	Weighted Benefit	Benefit	Weighted Benefit
Time constraints	3	4	12	2	6
PCB Experience Needed	2	5	10	3	6
Capabilities for Needs	5	1	5	5	25
Capabilities for Wants	2	0	0	5	10
Net Weighted Benefit			27		47

Case

Requirement	Importance Factor	Continue with Current		Re-start	
		Benefit	Weighted Benefit	Benefit	Weighted Benefit
Cost	3	4	12	2	6
Waterproof	5	2	10	4	20
Thermal Charecterics	4	4	16	4	16
Utilization of ME	3	3	9	3	9
Weight	3	2	6	4	12
Size	4	4	16	5	20
Net Weighted Benefit			69		83