## Solar Rocks

University of Idaho Capstone Project Emily Kliewer & Jakob Hemphill Sat, 9/8/2018 Project Start: Display Week: 23 Feb 4, 2019 Feb 11, 2019 Feb 18, 2019 Feb 25, 2019 Mar 4, 2019 Mar 11, 2019 Mar 18, 2019 TASK END Semester 1: Pre-Snapshot #1 Draft budget estimates (to lead instructor) Emily 100% 9/8/18 9/13/18 Client visit and interviews Emily, Jakob 100% 9/8/18 9/25/18 Product Requirements Document (PRD) (to lead instructor) Emily, Jakob 100% 9/8/18 9/27/18 Determine Thermal Collection and Transport Designs Emily, Jakob 100% 9/17/18 10/4/18 Project schedule for fall and spring (to lead instructor) Emily, Jakob 100% 9/8/18 10/4/18 Logbook and Portfolio (to lead instructor) Emily, Jakob 100% 9/17/18 10/4/18 Decide Between the Thermal Collection and Transport Designs Emily, Jakob 100% 10/2/18 10/9/18 Capstone Snapshot Day #1: Portfolio Completion jakob 100% 10/7/18 10/9/18 Capstone Snapshot Day #1: Logbook Completion Emily, Jakob 100% 10/7/18 10/9/18 Capstone Snapshot Day #1: Posterboard Presentation Emily, Jakob 100% 10/7/18 10/9/18 Semester 1: Pre-Snapshot #2 Design Validation Plan (to lead instructor) Emily, Jakob 100% 10/9/18 10/18/18 Project Value Proposition (to lead instructor) Emily, Jakob 100% 10/15/18 10/25/18 Draft wikipage (notify lead instructor when done) jakob 100% 10/22/18 11/1/18 Logbook and Portfolio check (to lead instructor) Emily, Jakob 100% 11/6/18 11/8/18 Concept Design Review (to lead instructor) Emily, Jakob 100% 11/8/18 11/16/18 Team Member Cititzenship report (email to lead instructor) Emily, Jakob 100% 11/15/18 11/16/18 Semester Deliverables: Portfolio (to lead instructor) Emily, Jakob 100% 11/30/18 12/7/18 Semester Deliverables: Logbook (to lead instructor) Emily, Jakob 100% 11/30/18 12/7/18 Semester Deliverables: Wikipage (to lead instructor) jakob 100% 11/30/18 12/7/18 Semester 2 Exact Calculations of Design Due (delayed) (by end of winter break) Emily, Jakob 100% 11/14/18 2/4/19 Order Long-Ship Products (delayed) (by end of winter break) Emily, Jakob 100% 11/30/18 1/11/19 Design Expo Registration Emily, Jakob 100% 1/22/19 1/23/19 Detailed Design review (With Client and Lead Instructor) Emily, Jakob 100% 1/29/19 2/9/19 Team Member Cititzenship report (email to lead Instructor) Emily, Jakob 0% 3/5/19 3/6/19 **Build Prototype** Emily, Jakob 40% 1/7/19 4/7/19 Wooden Frame Emily, Jakob 100% 2/9/19 2/23/19 Plywood Outer Emily, Jakob 100% 2/23/19 3/3/19 Concrete Boards (Cut and place) Emily Jake 30% 2/23/19 3/8/19 Thermocouples(Order, solder, and place) Emily Jake 80% 2/23/19 3/23/19 Fill with gravel Emily, Jakob 0% 3/8/19 4/1/19 roof section Emily, Jakob 0% 3/15/19 3/25/19

	Disp	lay Week:	23	1	Feb 4, 2019	Feb 11,	2019	Feb 18, 2019	Feb 25, 2019	Mar 4, 2019	Mar 11, 2019	Mar 18, 2019	Mar 25, 2019
TASK	ASSIGNED TO	PROGRESS	START	END	M T W T F	S S M T W T	r F S S M	T W T F S S	M T W T F	S S M T W T F	S S M T W T F S	S M T W T F S	S M T W T F S S
Blower (order)	Emily, Jakob	0%	2/26/19	3/25/19									
Air Flow Piping (Design, buy, build)	Emily, Jakob	0%	2/26/19	4/1/19									
Capstone Snapshot Day #3: team Portfolio (to Lead Instructor)	Emily, Jakob	0%	3/5/19	3/6/19									
Capstone Snapshot Day #3: Wikipage Update (to Lead Instructor)	jakob	30%	2/16/19	3/6/19									
Testing	Emily, Jakob	0%	4/7/19	4/20/19									
Data Collection for Paper Design Completion and idea validation	Emily, Jakob	0%	4/7/19	4/20/19									
Logbook Check (To Lead Instructor)	Emily, Jakob	0%	4/11/19	4/13/19									
Booth Display at EXPO	Emily, Jakob	0%	4/25/19	4/27/19									
Technical Presentation at EXPO	Emily, Jakob	0%	4/25/19	4/27/19									
Final Deliverables Due (see mindworks for all requirements)	Emily, Jakob	0%	4/27/19	5/4/19									
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