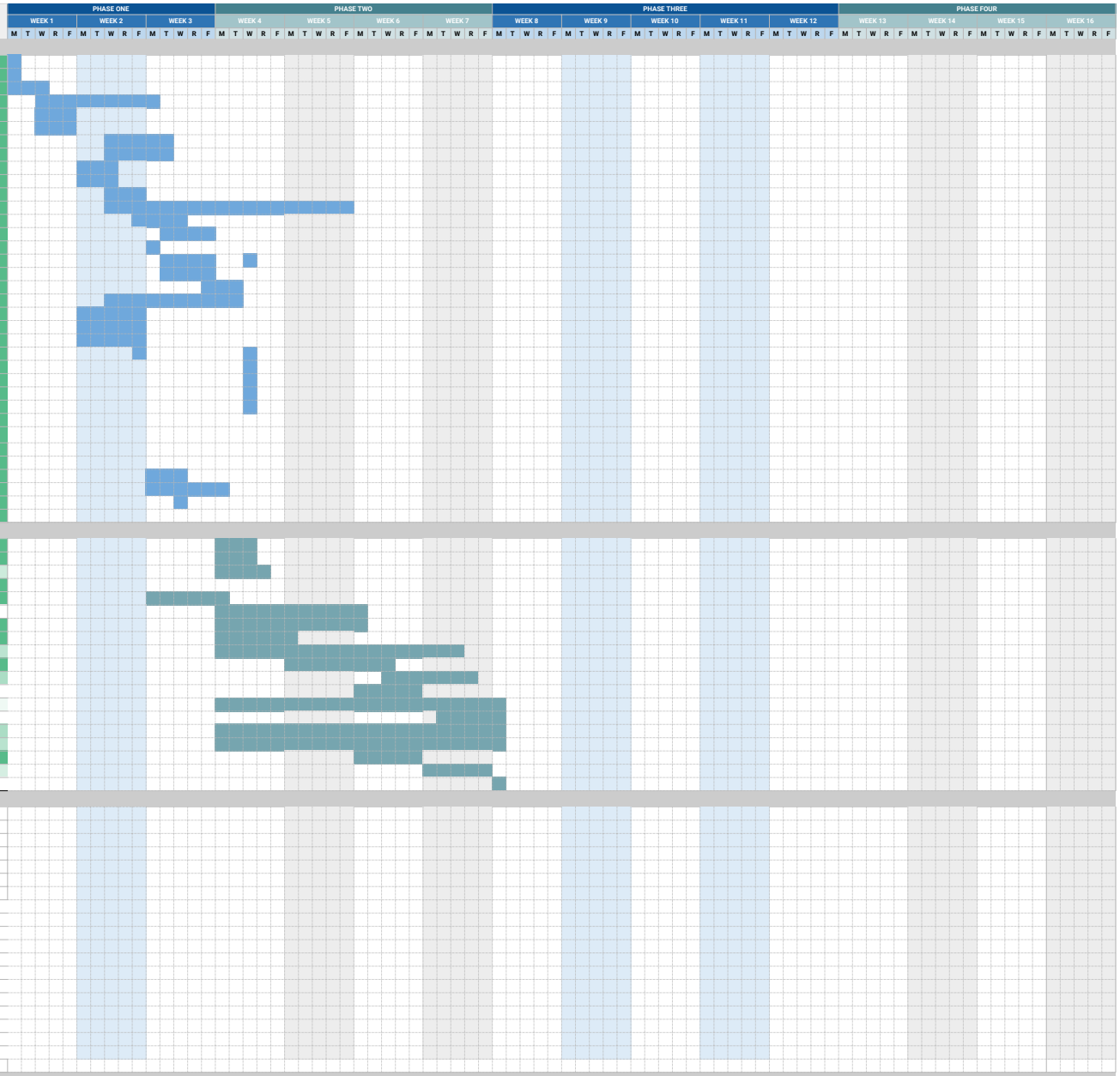
The Overcomer Project Plan

PROJECT TITLE	P19046	COMPANY NAME	Overcomer
PROJECT MANAGER	Kalie Lazarou	DATE	9/11/18
OTHER TEAM MEMBERS	Cesar Borges, Rachel Mahoney, Michael Martin, Karn Mishra		

WBS NUMBER	TASK TITLE	TASK OWNER	START DATE	DUE DATE	DURATION	PCT OF TASK COMPLETE
1	**Phase 1: Problem Definition (WEEKS 1-3)**					
1.1	Team Assignments	MSD	8/26/18	8/26/18	0	100%
1.2	Read Problem Readiness Package	Team	8/26/18	8/26/18	0	100%
1.3	Problem Statement	Team	8/26/18	8/29/18	3	100%
1.3.1	Objective Statement (12 Words)	Team	8/29/18	9/12/18	13	100%
1.4	**Problem Statement**		8/25	9/18	23	100%
1.4.1	Read PRP		8/25	8/27	2	100%
1.4.2	Refine Problem Statement		8/27	8/29	2	100%
1.4.3	Upload Problem Statement to EDGE		8/29	9/18	20	100%
1.5	**Customer Interview**		8/27	9/18	22	100%
1.5.6	Schedule Customer Interview		8/27	8/29	2	100%
1.5.7	Prepare Interview Questions		8/27	8/30	3	100%
1.5.8	Upload Interview notes to EDGE		8/30	9/18	18	100%
1.6	**CR, ER, HOQ**		8/27	9/18	21	100%
1.6.1	Create draft ER & CR		8/27	8/29	2	100%
1.6.2	Finalize ER & CR		8/29	9/11	12	100%
1.6.3	Upload ER & CR to Edge		9/11	9/14	3	100%
1.6.4	Create House of Quality		9/11	9/14	3	100%
1.6.5	Upload HOQ to EDGE		9/14	9/18	4	100%
1.6.6	Sign over IP to Client		9/5	9/18	13	100%
1.7	**Team Maintenance**		9/3	9/7		100%
1.7.1	Set Team Norms & Values		9/3	9/7	4	100%
1.7.2	Set Team Member Roles		9/3	9/7	4	100%
1.7.3	Upload Team Norms & Values to EDGE		9/7	9/7		100%
1.8	**Risk Management**		9/10	9/17/18		100%
1.8.1	Create draft Risks		9/10	9/12	2	100%
1.8.2	Create First Revision of Risk Management Matrix (FMEA)		9/12	9/18	6	100%
1.8.3	Upload Risk Management to EDGE		9/12	9/18	6	100%
1.8.4	Solidify IRB Requirements		9/6/18	9/10/18	4	100%
1.8.5	Complete IRB Training		9/11/18	9/17/18	6	100%
1.8.6	Email IRB Coordinator		9/17/18	9/17/18	3	100%
1.9	**Design Review**		**9/10/18**	**9/19/18**	0	100%
1.9.1	Create Design Review Slide Deck		9/10/18	9/12/18	3	100%
1.9.2	Design Review		9/11/18	9/19/18	8	100%
1.9.3	Present Design Review to Class		9/12/18	9/12/18	0	100%
1.9.4	Final Design Review to Gerry & Joe		9/19/18	9/19/18		100%
2	**PHASE 2: Systems Design (WEEK 4-7)**					
2.0	Make edits to Phase 1 Documents	Karn	9/17/18	9/20/18	3	100%
2.1	Review P17047 Project work	Team	9/17/18	9/26/18	9	100%
2.2	Determine selection criteria	Team	9/17/18	10/1/18	14	30%
2.3	Concept Generation (50 +)	Team	9/19/18	10/1/18	12	100%
2.4	Compile benchmarking results	Team	9/10/18	9/17/18	7	100%
2.5	Develop ID subsystems		9/17/18	10/1/18	14	0%
2.6	Develop functional decomposition	Rachel	9/17/18	10/1/18	14	100%
2.7	Develop morph table	Rachel	9/17/18	9/24/18	7	100%
2.8	Feasibility & Concept Performance Models	Mike, Cesar	9/17/18	10/10/18	23	40%
2.9	Create sketches of concepts	Kalie	9/24/18	10/3/18	9	100%
2.10.	Develop CAD drawings & BOM	Mike	10/3/18	10/12/18	9	50%
2.11	Develop First Edition of Test Plan	Karn	10/1/18	10/7/18	6	0%
2.12	Update Risk Analysis	Kalie	9/17/18	10/15/18	28	10%
2.12.1	Create Risk graph	Karn	10/9/18	10/15/18	6	0%
2.13	Update EDGE Page	Cesar	9/17/18	10/15/18	28	50%
2.14	Design Review	Team	9/17/18	10/15/18	28	42%
2.14.1	Schedule Design Review	Kalie	10/1/18	10/7/18	6	100%
2.14.2	Create Design Pre-read	Kalie	10/8/18	10/12/18	4	25%
2.14.3	Present Review	Team	10/15/18	10/15/18	0	0%
3	**Phase 3: Preliminary Detailed Design (WEEK 8-12)**					
3.1	Finalize design parameters and targets	Kalie	10/22/18	11/5/18	14	0%
3.2	Proof of concept work	Michael	10/22/18	11/5/18	14	0%
3.2.1	Biomechanics Analysis	Cesar/Rachel	10/22/18	11/5/18	14	0%
3.2.2	Force Analysis	Cesar/Rachel	10/22/18	11/5/18	14	0%
3.3	Prototyping of Critical Systems	Rachel	10/22/18	11/5/18	14	0%
3.4	Continue subsystem design	Cesar	10/22/18	11/5/18	14	0%
3.5	Create subsystems specifications	Karn	10/22/18	11/5/18	14	0%
3.6	Design Output	Michael	10/22/18	11/10/18	19	0%
3.6.1	Drawing Package Schematics (CAD)	Michael	10/22/18	11/15/18	24	0%
3.6.2	UML Diagrams	Karn	10/22/18	11/5/18	14	0%
3.7	Sensitivity Analysis	Karn	10/22/18	11/7/18	16	0%
3.8	Refine Models	Michael	10/22/18	11/10/18	19	0%
3.9	Refine Bill of Materials	Rachel	10/22/18	11/7/18	16	0%
3.10.	Re-evaluate Risk Assessment	Kalie	10/22/18	11/10/18	19	0%
3.11	Re-evaluate Test Plan	Karn	10/22/18	11/7/18	16	0%
3.12	Design Review		11/7/18	11/14/18	7	0%
3.12.1	Schedule Design Review	Kalie	11/7/18	11/14/18	7	0%
3.12.2	Create Design Pre-read	Kalie	11/12/18	11/14/18	2	0%
3.12.3	Present Review	Team	11/12/18	11/14/18	2	0%
4	**Phase 4: Detailed Design (WEEK 12-16)**					



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4.1	Design Output				0	0%
4.1.1	Drawing Package				0	0%
4.1.2	Schematics					
4.1.3	Assembly Documentation					
4.1.4	UML Diagrams				0	0%
4.1.5	Bill of Materials				0	0%
4.2	Strength.Life Analysis				0	0%
4.3	Design & Flowcharts				0	0%
4.5	Re-evaluate Risk Assessment				0	0%
4.6	Re-evaluate Test Plan				0	0%
4.7	Design Review				0	0%
4.7.1	Create Design Review Slide Deck				0	0%
4.7.2	Final Design Review to Gerry & Joe				0	0%
4.8	Create MSD II Plan				0	0%
					0	0%
					0	0%

| PHASE ONE | | | | |