PROJECT TITLE	ISEAGE 2.0		COMPANY NAME	ISEAGE
PROJECT MANAGER	Evan Hellman		DATE	10/10/2021

Phases:
- PHASE ONE: Compile — SPRINT 1, WEEK 2, WEEK 3
- PHASE TWO: Refactor — WEEK 4, WEEK 5, WEEK 6
- PHASE THREE: Implement — WEEK 7, WEEK 8, WEEK 9
- PHASE FOUR: Kosovo CDC — WEEK 10, WEEK 11, WEEK 12

WBS NUMBER	TASK TITLE	TASK OWNER	START DATE	DUE DATE	DURATION	PCT OF TASK COMPLETE
1	Project Conception and Initiation					
1.1	manage client design requirements	Jon	10/11/21	10/15/21	4	0%
1.1	study the existing source code	all	10/18/21	10/29/21	11	0%
1.2	plan requirements	all	10/25/21	10/29/21	4	0%
1.3	locally compile code	all	10/25/21	11/5/21	10	0%
2	Project Definition and Planning					
2.1	build an enviroment on ISEAGE 1.0	all	11/19/21	11/19/21	0	0%
2.2	refactor and compile code on server	all	11/19/21	11/24/21	5	0%
3	Implement new features					
3.1	Refactor layer 2 to kernel	Evan	10/18/21	12/17/21	59	0%
	Refactor IPv4 to kernel	Evan	10/18/21	12/17/21	59	0%
3.2	Implement IPV6	Nicholas	10/19/21	12/18/21	59	0%
3.3	Add configuration functionality		10/20/21	12/19/21	59	0%
4	Kosovo CDC					
4.1	Plan Scenario		1/25/22	2/1/22	6	0%
4.1.1	Plan and document a realistic CDC scenario		1/31/22	2/7/22	7	0%
4.1.2	Plan and document the scenario's network		2/7/22	2/14/22	7	0%
4.1.2.1	Design devices with realistic OSes, network stacks, protocols, and applications		2/7/22	2/14/22	7	0%
4.1.2.2	Implement designed devices (OS Images)		2/7/22	2/14/22	7	0%
4.1.2.3	Carefully document all of the changes to each device		2/7/22	2/14/22	7	0%
4.1.3	Create scenario document including network diagrams, detailed device info, user info, and any other important details		2/14/22	2/21/22	7	0%
4.2	Implement Vulnerabilities		2/22/22	3/1/22	9	0%
4.2.1	Identify and choose realistic attack types, including IPv6 attacks		2/25/22	3/4/22	9	0%
4.2.2	Implement chosen vulnerabilities in various devices		2/26/22	3/5/22	9	0%
4.2.3	Create vulnerable application or configuration		2/27/22	3/6/22	9	0%
4.3	Configure network out of all machines		3/8/22	3/15/22	7	0%
4.4	Testing to ensure network works		3/25/22	4/1/22	6	0%