Project Name	Status	Comment	Owner	Start	End	29-Jan-24	30-Jan-24
MS1	30%		All	29-Jan-24	2024-02-06		
Title Slides	100%		All	29-Jan-24	29-Jan-24		
Background & Motivation	20%		All	29-Jan-24	31-Jan-24		
User needs	50%	Interview done	All	31-Jan-24	1-Feb-24		
Problem Statement	70%		All	1-Feb-24	2-Feb-24		
Design Specifications	0%		All	2-Feb-24	3-Feb-24		
Conclusions	0%		All	3-Feb-24	4-Feb-24		
Practice Presentation	0%		All	5-Feb-24	5-Feb-24		
Presentation	0%		All	6-Feb-24	6-Feb-24		
Milestone 2	0%		All	7-Feb-24	27-Feb-24		
Milestone 3	0%		All	28-Feb-24	13-Mar-24		
Sketchbook 1	0%		All	28-Feb-24	13-Mar-24		
Milestone 4	0%		All	14-Mar-24	2-Apr-24		
Milestone 5	0%		All	3-Apr-24	16-Apr-24		
Sketchbook 2	0%		All	3-Apr-24	16-Apr-24		
Milestone 6	0%		All	17-Apr-24	24-Apr-24		

Project Name	31-Jan-24	1-Feb-24	2-Feb-24	3-Feb-24	4-Feb-24	5-Feb-24	6-Feb-24
MS1							Presentation
Title Slides							
Background & Motivation	███						
User needs	███	███					
Problem Statement		███	███				
Design Specifications			███	███			
Conclusions				███	███		
Practice Presentation						███	
Presentation							███
Milestone 2							
Milestone 3							
Sketchbook 1							
Milestone 4							
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	7-Feb-24	8-Feb-24	9-Feb-24	10-Feb-24	11-Feb-24	12-Feb-24	13-Feb-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2	🟩	🟩	🟩	🟩	🟩	🟩	🟩
Milestone 3							
Sketchbook 1	🟩	🟩	🟩	🟩	🟩	🟩	🟩
Milestone 4							
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	14-Feb-24	15-Feb-24	16-Feb-24	17-Feb-24	18-Feb-24	19-Feb-24	20-Feb-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2	██	██	██	██	██	██	██
Milestone 3							
Sketchbook 1	██	██	██	██	██	██	██
Milestone 4							
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	21-Feb-24	22-Feb-24	23-Feb-24	24-Feb-24	25-Feb-24	26-Feb-24	27-Feb-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2							Presentation
Milestone 3							
Sketchbook 1							
Milestone 4							
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	28-Feb-24	29-Feb-24	1-Mar-24	2-Mar-24	3-Mar-24	4-Mar-24	5-Mar-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2							
Milestone 3							
Sketchbook 1							
Milestone 4							
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	6-Mar-24	7-Mar-24	8-Mar-24	9-Mar-24	10-Mar-24	11-Mar-24	12-Mar-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2							
Milestone 3							
Sketchbook 1							
Milestone 4							
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	13-Mar-24	14-Mar-24	15-Mar-24	16-Mar-24	17-Mar-24	18-Mar-24	19-Mar-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2							
Milestone 3	Report						
Sketchbook 1							
Milestone 4							
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	20-Mar-24	21-Mar-24	22-Mar-24	23-Mar-24	24-Mar-24	25-Mar-24	26-Mar-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2							
Milestone 3							
Sketchbook 1							
Milestone 4	🟩	🟩	🟩	🟩	🟩	🟩	🟩
Milestone 5							
Sketchbook 2	🟩	🟩	🟩	🟩	🟩	🟩	🟩
Milestone 6							

Project Name	27-Mar-24	28-Mar-24	29-Mar-24	30-Mar-24	31-Mar-24	1-Apr-24	2-Apr-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2							
Milestone 3							
Sketchbook 1							
Milestone 4							Demo
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	3-Apr-24	4-Apr-24	5-Apr-24	6-Apr-24	7-Apr-24	8-Apr-24	9-Apr-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2							
Milestone 3							
Sketchbook 1							
Milestone 4							
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	10-Apr-24	11-Apr-24	12-Apr-24	13-Apr-24	14-Apr-24	15-Apr-24	16-Apr-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2							
Milestone 3							
Sketchbook 1							
Milestone 4							
Milestone 5							Demo
Sketchbook 2							
Milestone 6							

Project Name	17-Apr-24	18-Apr-24	19-Apr-24	20-Apr-24	21-Apr-24	22-Apr-24	23-Apr-24
MS1							
Title Slides							
Background & Motivation							
User needs							
Problem Statement							
Design Specifications							
Conclusions							
Practice Presentation							
Presentation							
Milestone 2							
Milestone 3							
Sketchbook 1							
Milestone 4							
Milestone 5							
Sketchbook 2							
Milestone 6							

Project Name	24-Apr-24	25-Apr-24
MS1		
Title Slides		
Background & Motivation		
User needs		
Problem Statement		
Design Specifications		
Conclusions		
Practice Presentation		
Presentation		
Milestone 2		
Milestone 3		
Sketchbook 1		
Milestone 4		
Milestone 5		
Sketchbook 2		
Milestone 6	Final Presentation	

Nathan Anthony, Fanta Cisse, Kismet Crossdale, Kamsi Dozie-Obele, Hayden Fuller, Jameson Giannattasio
02/01/2024
IED HW 3

User Statement:
a. The biographical sketch of your ideal User(s) and details of the interviewee(s) (do these match?):

      A biographical sketch/outline of our Ideal Users would be Nigerian families, specifically families in the lower/middle class. The families would consist of working parents, and children being invested in their education. Our interviewee (Alyssa Okosun) has consistently lived in Nigeria for 11 years out of her 20 years of life. She is a part of the upper middle class and lives in a household of 6. She is currently a sophomore at RPI, pursuing an education in Computer & Systems Engineering. Our biographical sketch and the details of our interviewee are a close match and provide a better understanding of our problem.

b. A summary of the User Research approaches taken and the specific questions asked:

      Some approaches that we took to aid our research were the internet (articles, news reports, websites, etc.) and someone from our team. Our team member, Kamsi Dozie, has also lived in Nigeria for most of his life and experienced the struggles of the lack of electricity and power in the country first-hand. With his experience and the research conducted with the resources we have, we have generated a good understanding of our Users and their needs. The specific questions we asked were focused on the current state of Nigeria's power, how people are affected by the lack of electricity, how they cope and deal with the outages, and what the interviewee would like to see in the future to make Nigeria a more productive place for the families.

c. The User Needs table including raw statements and interpreted Needs.
  a. Customer Address: RPI   Intervewer: Team 7   Curretly uses: Generator & Inverter

Willing to do follow up? Yes   Date: 2-1-2024   Type of user: Everyday user (Family)

Question/Prompt	Customer Statement	Interpreted Need
Typical uses	a. I have to run the generator everyday and use a lot of fuel to power my house b. I use an inverter once it's charged to power the house	a. The generator consumes a lot of fuel to run the house b. An inverter is used as an alternative energy source to the generator when there is no power
Likes	a. It powers the house b. It helps me save fuel when I use the generator too much	a. The generator is a nice, consistent alternative to regular fuel b. Nice alternative to generator
Dislikes	a. It is loud and consumes too much fuel which is expensive b. Needs to be charged regularly	a. Needs to be quiet and cost effective b. Doesn't need constant charging
Suggested improvements	a. It to be quiet and consume less fuel b. Charges regularly and easily	a. Quiet and cost effective b. Can charge itself

d. A summary of any User Needs your team previously generated that can be modified based on the interview:

The user needs in the brainstorm that we can modify are giving more people to better access. letting them rely less on fossil fuels and giving them better quality access to the power.