

Team Tech Guru Slide Deck

Team Members

Uwemishie Emmanuel

Jioke Franklin

Adebowale Adefemi

Chukwuka Akibor

Marvellous Divine

Samuel Olotu



Problem Statement



The erratic and inadequate supply of electricity all over Nigeria has led to under utilization of infrastructures and services all over the nation. The challenge of poor electricity supply is related to Infrastructure.

Fixing Electricity helps businesses flourish, attracts investments, creates jobs, and improves people's lives by providing consistent electricity.



User: Adeola Okafor

Age: 35

Occupation: Small Business Owner

Location: Lagos, Nigeria

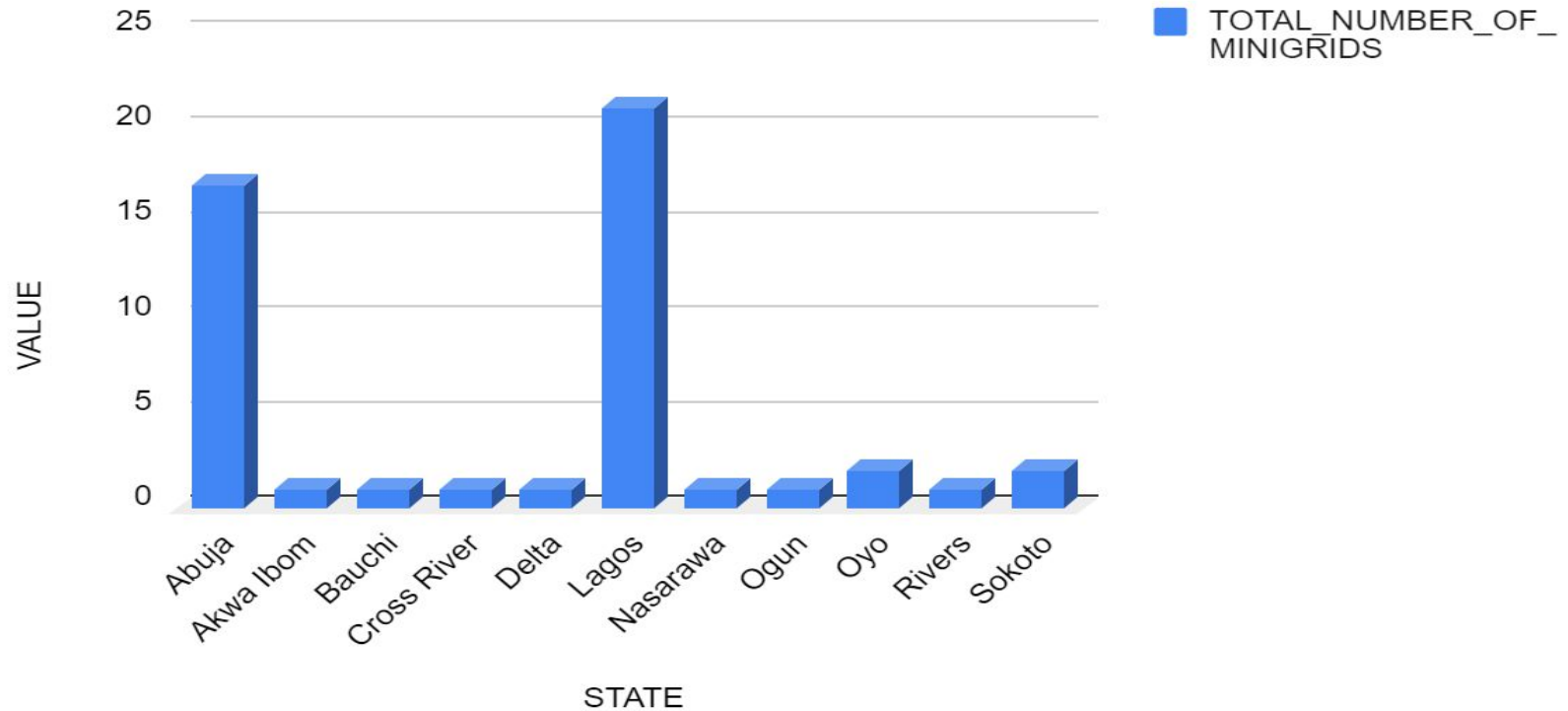
Goal: Grow business, increase income, provide a better life for family

Challenges: Inconsistent power supply, disruptions to operations, inventory loss, customer dissatisfaction

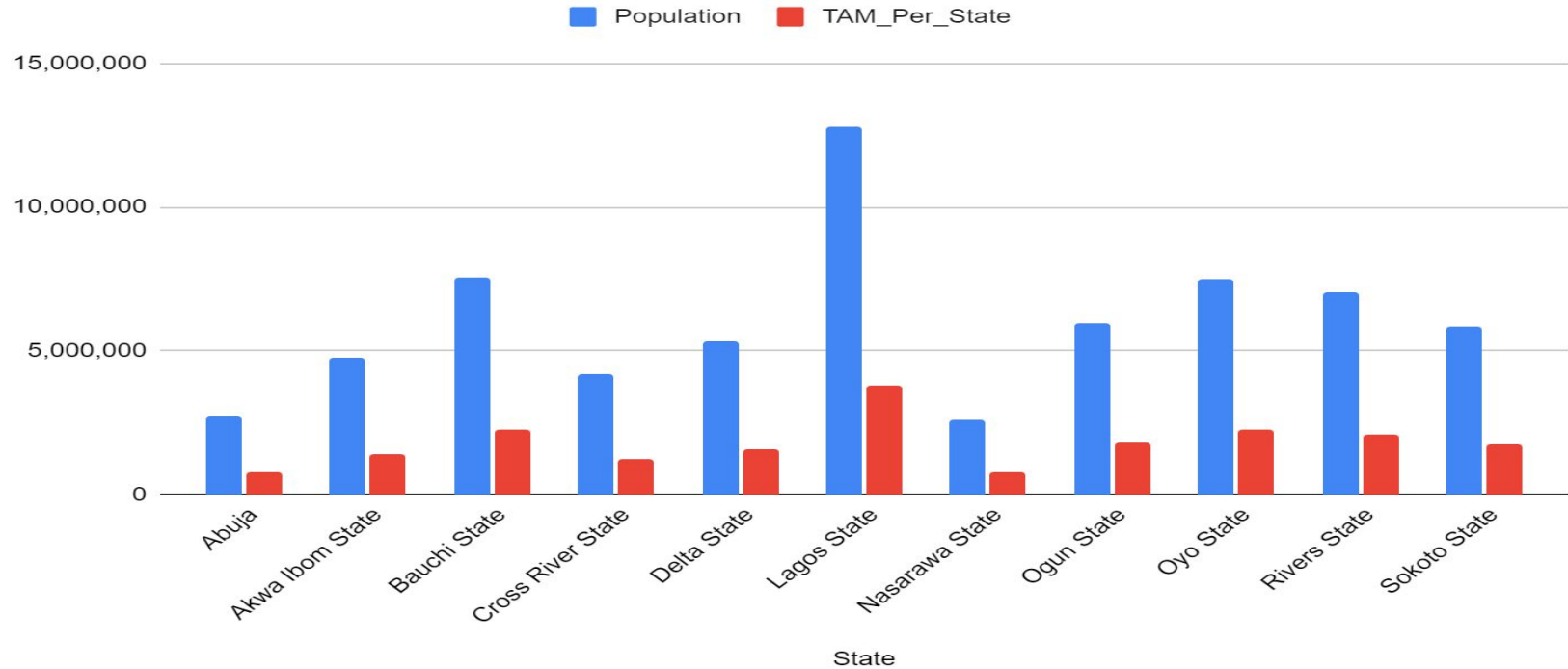
Needs: Stable and affordable electricity solution

Desires: Access to information and resources for overcoming power supply challenges

VALUE vs STATE



Population and TAM_Per_State



National bureau of statistics :<https://www.nigerianstat.gov.ng/>

Population and SAM_Per_State

Sokoto State
8.8%

Rivers State
10.6%

Oyo State
11.3%

Ogun State
9.0%

Nasarawa State
4.0%

Abuja
4.1%

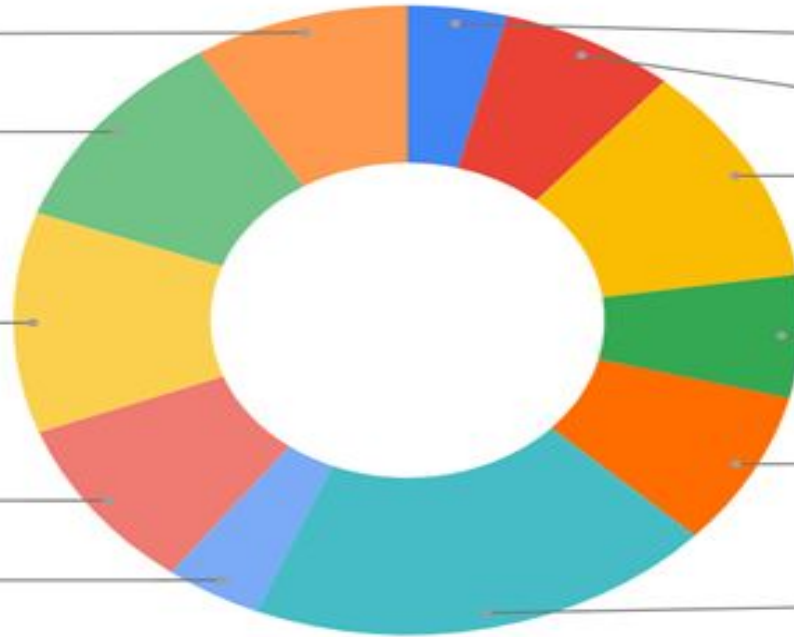
Akwa Ibom State
7.2%

Bauchi State
11.4%

Cross River State
6.3%

Delta State
8.0%

Lagos State
19.3%



Source: <https://www.nigerianstat.gov.ng/>

Tech Solution



My solution is a mobile app that connects user with minigrid companies in their vicinity, and i chose this solution because it is a Convenient app connecting users to nearby mini grid companies, and it will be effective because it

Would Increase business opportunities and job creation

It is Environmentally sustainable with renewable energy sources

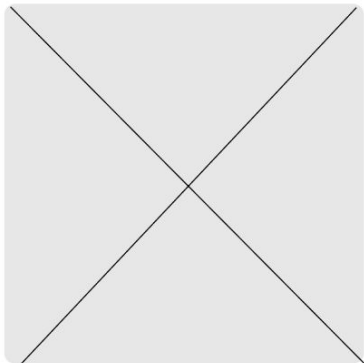
There is transparency of information for of informed decision-making

It is a Scalable solution with potential for wide adoption.

09:00



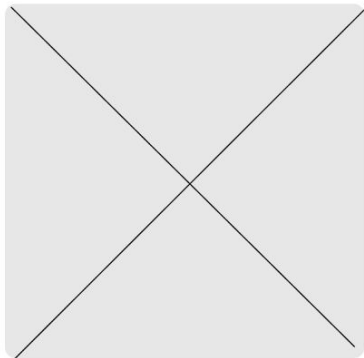
E-Mini Grid



an electricity mini-grid user application to help consumers locate mini-grids close to them

Get Started

09:00



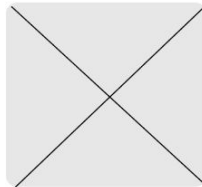
Register

Login

09:00



Sign up



Welcome back !

E-Mail

abcd@gmail.com

Password



Forgot password?

Sign in

09:00



← Back

Sign up

E-Mail

abcd@gmail.com

Mobile Number

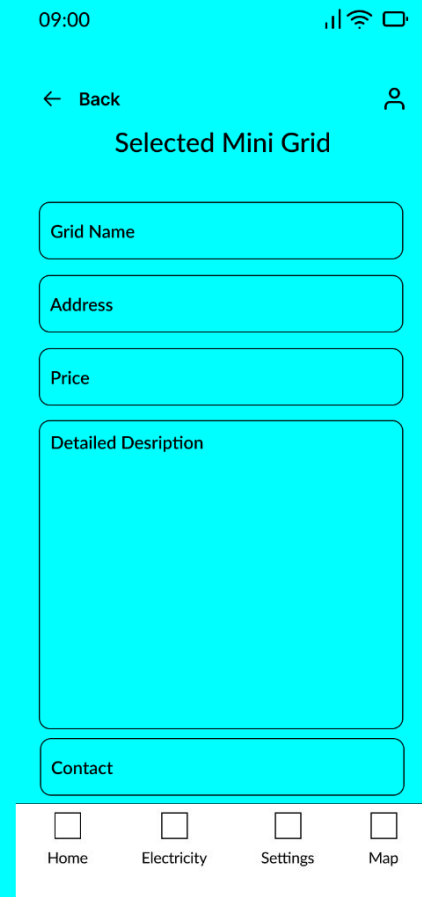
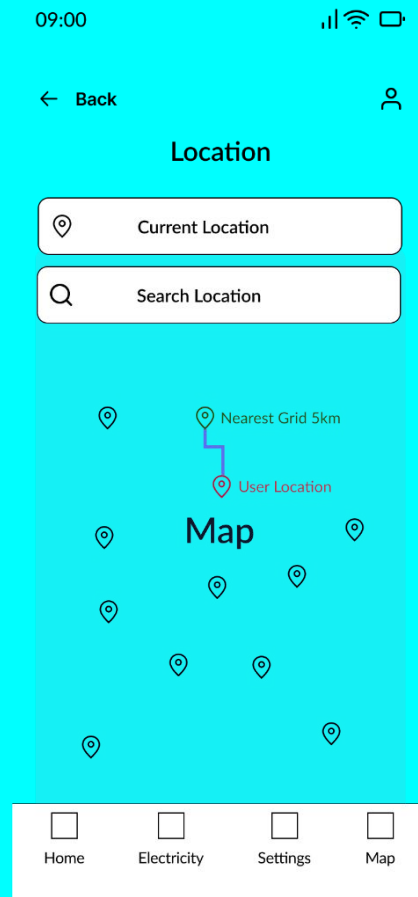
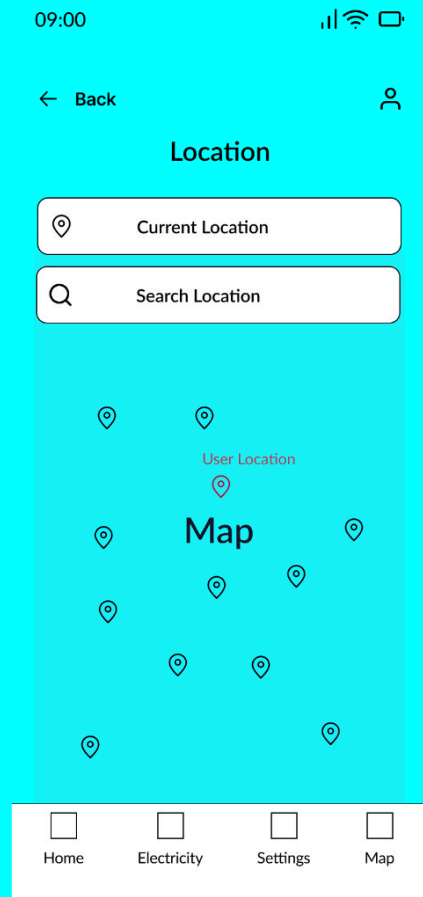
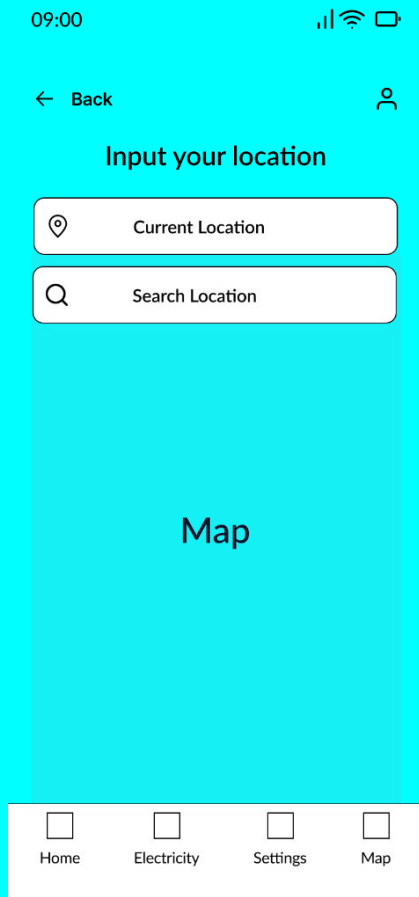
+2340810123456

Password



- ✓ Lower case (a-z)
- ✓ Upper case (A-Z)
- ✓ Numbers (0-9)
- ✓ Min 8 Characters
- ✓ Max 12 Characters

- ☐ I agree the [terms and conditions](#) of Mini Grid
- ☐ I consent to the processing of my provided data in accordance with the [Privacy Policy](#)



User Needs and Pain points

My user experiences unreliable power supply, resulting in frequent disruptions and inconveniences.

My user struggles with high electricity costs, making it challenging to manage expenses.

My user finds it difficult to access accurate and up-to-date information about available mini grid companies and their services.

My user faces challenges in locating and connecting with nearby mini grid companies, leading to inconvenience in accessing reliable power sources.

My user in remote or underserved areas has limited options for reliable and affordable electricity, impacting daily life and business operations.

USER RECOMMENDATIONS

Recommendation 1: Enhance user interface and experience to ensure intuitive and user-friendly interactions.

Recommendation 2: Expanded Filtering Options: Provide additional filtering options to refine mini-grid search results based on pricing, availability, and renewable energy sources.

With Large Funding

With large funding, we can :

- Enhance app features and user experience
- Expand coverage and partnerships with mini grid companies
- Implement smart grid integration for efficient energy management
- Foster community engagement and awareness through campaigns and events
- Enable flexible payment options within the app
- Utilize advanced analytics for data-driven insights
- Explore innovative energy solutions
- Expand beyond Nigeria to address global energy challenges.

MY WHY

The mini grid solution makes an important difference by providing reliable and affordable power, supporting businesses, and improving quality of life. It promotes environmental sustainability, empowers users with transparent information, and has the potential for widespread adoption, driving economic growth and job creation.

