

LifeNet Kiosk

— A revolutionary social platform that gamifies charitable behavior, creating a competitive and rewarding environment for making a positive impact. —

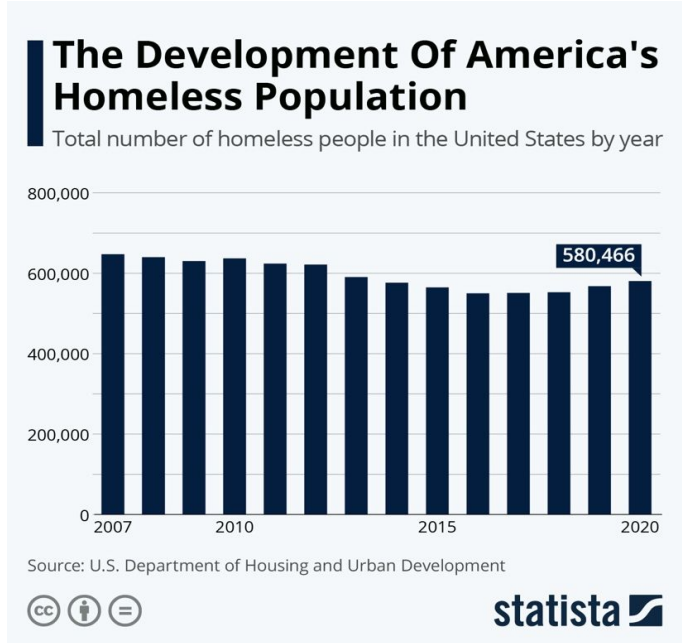
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Problem Statement

We want to **improve** access to resources and support for the **homeless** and those in need by developing a solution, that involves placing informational **LifeNet Kiosks** in vulnerable areas and engaging the community through user involvement and partnerships. Our solution will incentivize participation through a reward system and encourage community engagement through a leaderboard.

Why is this a problem?

The United States discards more food than any other country in the world: nearly **40 million tons — 80 billion pounds** — every year. That's estimated to be **30-40 percent** of the entire US food supply, and equates to 219 pounds of waste per person.

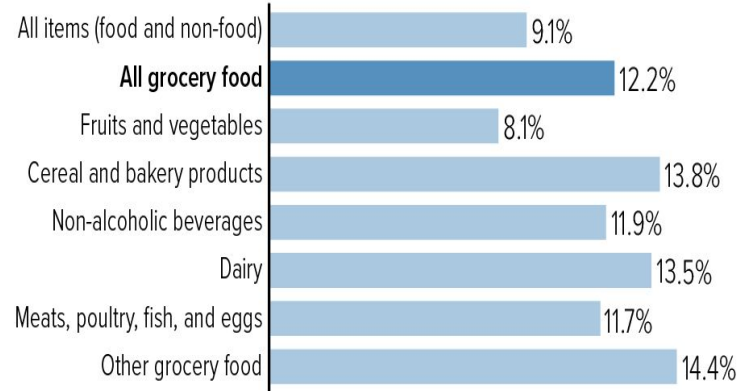


Why is this a problem?

- > **1 in 9** Americans do not know where their next meal is coming from.
- > Grocery prices have risen tremendously over the last few years.
- > Restaurants donate only **2 percent** of their food waste.
- > They fear that feeding the homeless can lead to unnecessary trouble, as well as possible legal issues.

Food Prices Have Risen Rapidly

Percent change, June 2021-June 2022



Source: Bureau of Labor Statistics, Consumer Price Index for All Urban Consumers (CPI-U)

Approach to the solution

- We should focus on system as a whole and not just individual goals.
- Our project aims to create a ‘**system**’ where a community can develop and implement solutions that address the **root causes** of homelessness such as lack of food, shelter, and employment.

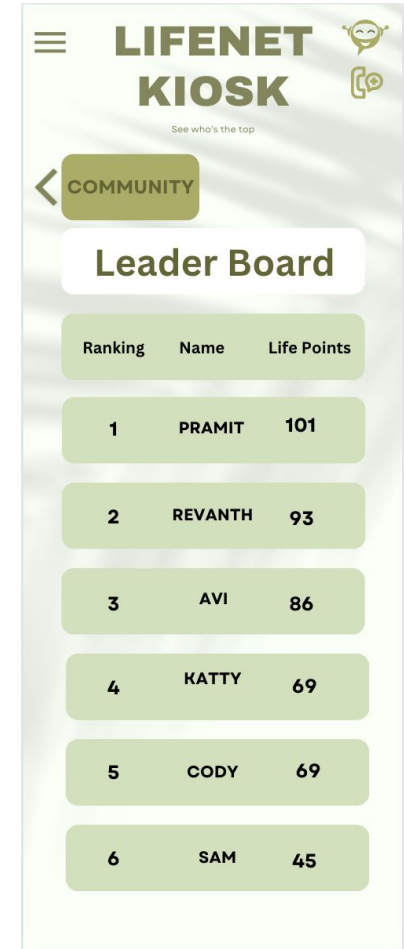
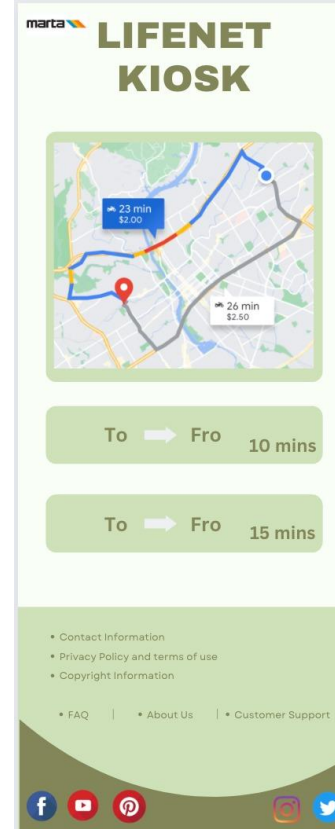
Introducing LifeNet!

LifeNet is a software solution that aims to help the needy and homeless through the use of **Kiosks** placed in public areas.

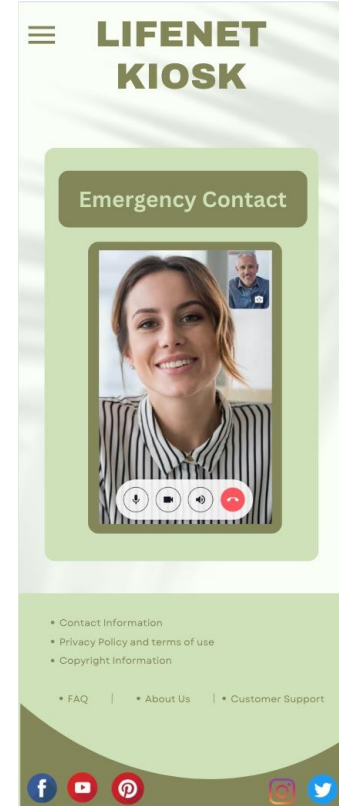
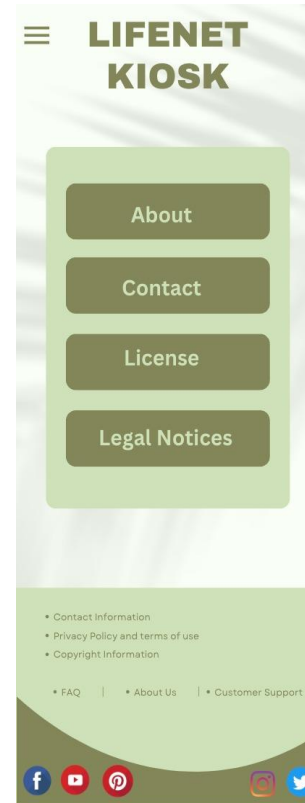
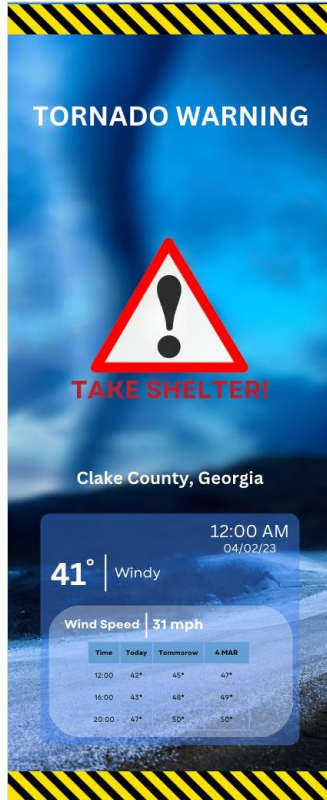
It provides access to information on **food donations, job opportunities, emergency services, weather reports, and a community leaderboard.**

It also includes a website for registering and posting food donations and a chatbot powered by **OpenAI GPT-3** to provide community support and mental health resources.

Proposed LifeNet Kiosk



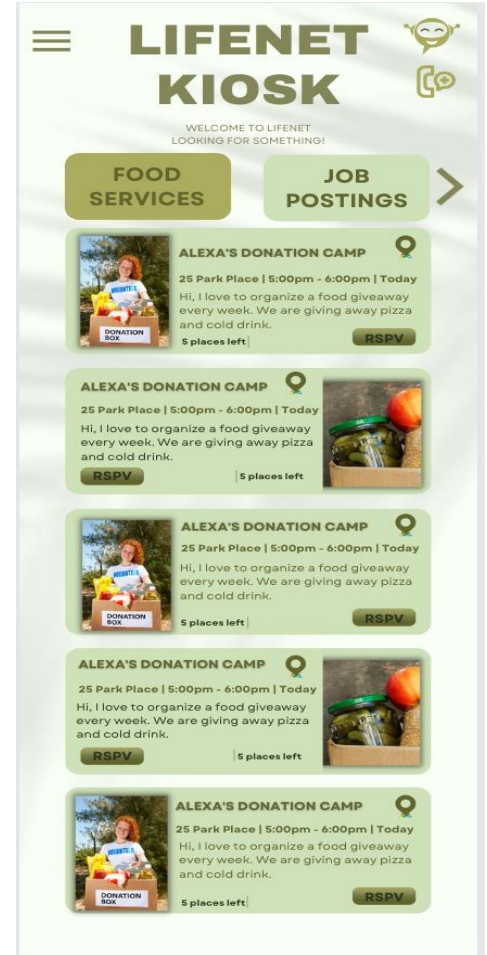
Proposed LifeNet Kiosk



LifeNet: Food Donations

The process of food donation on the **LifeNet** involves potential food donors can register on our **donor website** and post events where they plan to host a particular number of people. By providing food and support, donors earn "**LifePoints**," which are tracked on a community leaderboard.

This creates a sense of competition and encourages more individuals to get involved. The website also provides a platform for community members to connect and collaborate, further promoting engagement and support for those in need.



LifeNet: Life Points

LifePoints is a reward system designed to incentivize and recognize the efforts of individuals and communities in helping the needy and homeless. By participating in activities such as hosting food donations, posting job opportunities, and providing resources through the **LifeNet Kiosks**, individuals and communities can earn **LifePoints**.

The community leaderboard provides a real-time ranking of different communities based on the total **LifePoints** earned, providing a competitive and engaging way to encourage participation and support.

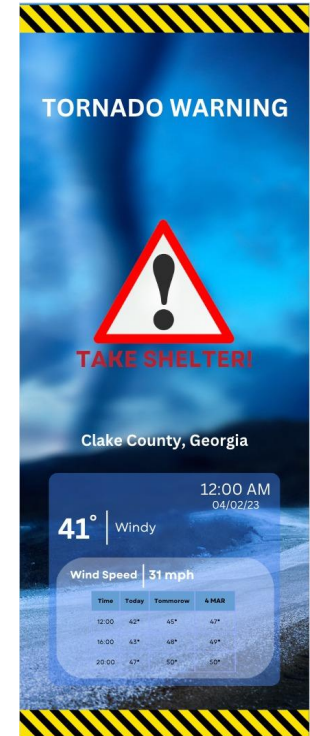
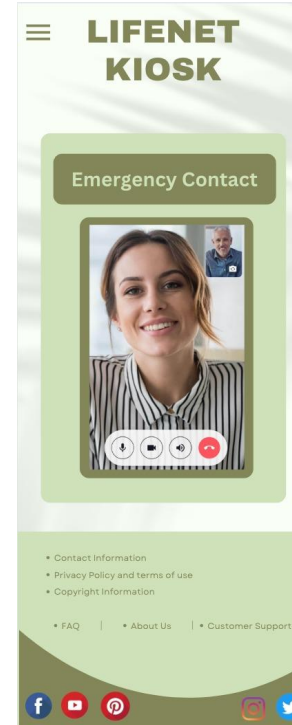
LifeNet: Job Boards

The "**Job Board**" is a solution for combating homelessness and providing small employment opportunities to those in need as this targets the roots of the problem. Verified users can offer these opportunities through our kiosk-based software, creating a positive impact in their communities and helping to build a better future for all.



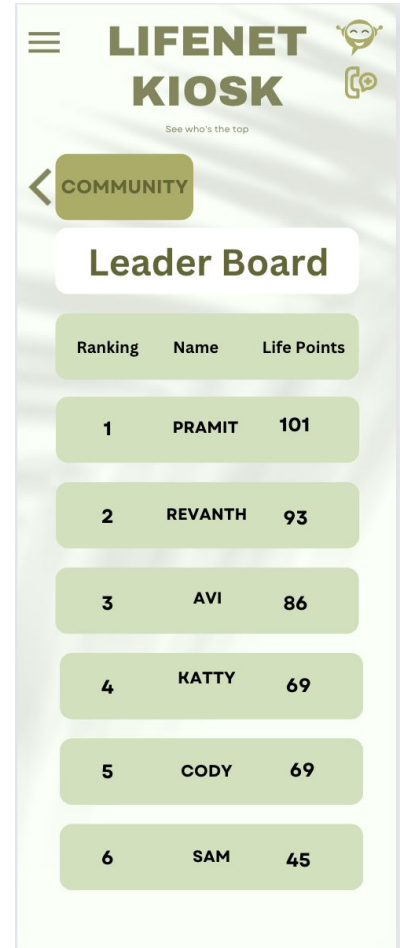
LifeNet: Emergency Calling / Weather

The emergency alert system through the Kiosk screen **provides critical information** to the public during **weather** or other **emergencies** to ensure everyone stays informed and safe. The kiosk provides an efficient way to reach a large number of people at once, promoting a **safer** and more **informed** community.



LifeNet: Community Leaderboard

Building Stronger Communities: The Community Leaderboard System Encourages **friendly competition** among communities to help fight homelessness and food insecurity. Users earn **LifePoints** for each successful guest hosted, contributing to their community's overall score. This allows communities to track their progress and see how they rank compared to others. It also provides a sense of pride and accomplishment, encouraging users to continue making a positive impact



The screenshot shows the 'LIFENET KIOSK' interface. At the top, there's a menu icon, the title 'LIFENET KIOSK', and a small icon of a person with a speech bubble. Below the title, it says 'See who's the top'. A back arrow and the word 'COMMUNITY' are on the left. The main heading is 'Leader Board'. Below this is a table with three columns: 'Ranking', 'Name', and 'Life Points'. The table lists six entries, each in a green box with white text.

Ranking	Name	Life Points
1	PRAMIT	101
2	REVANTH	93
3	AVI	86
4	KATTY	69
5	CODY	69
6	SAM	45

LifeNet: Chatbot

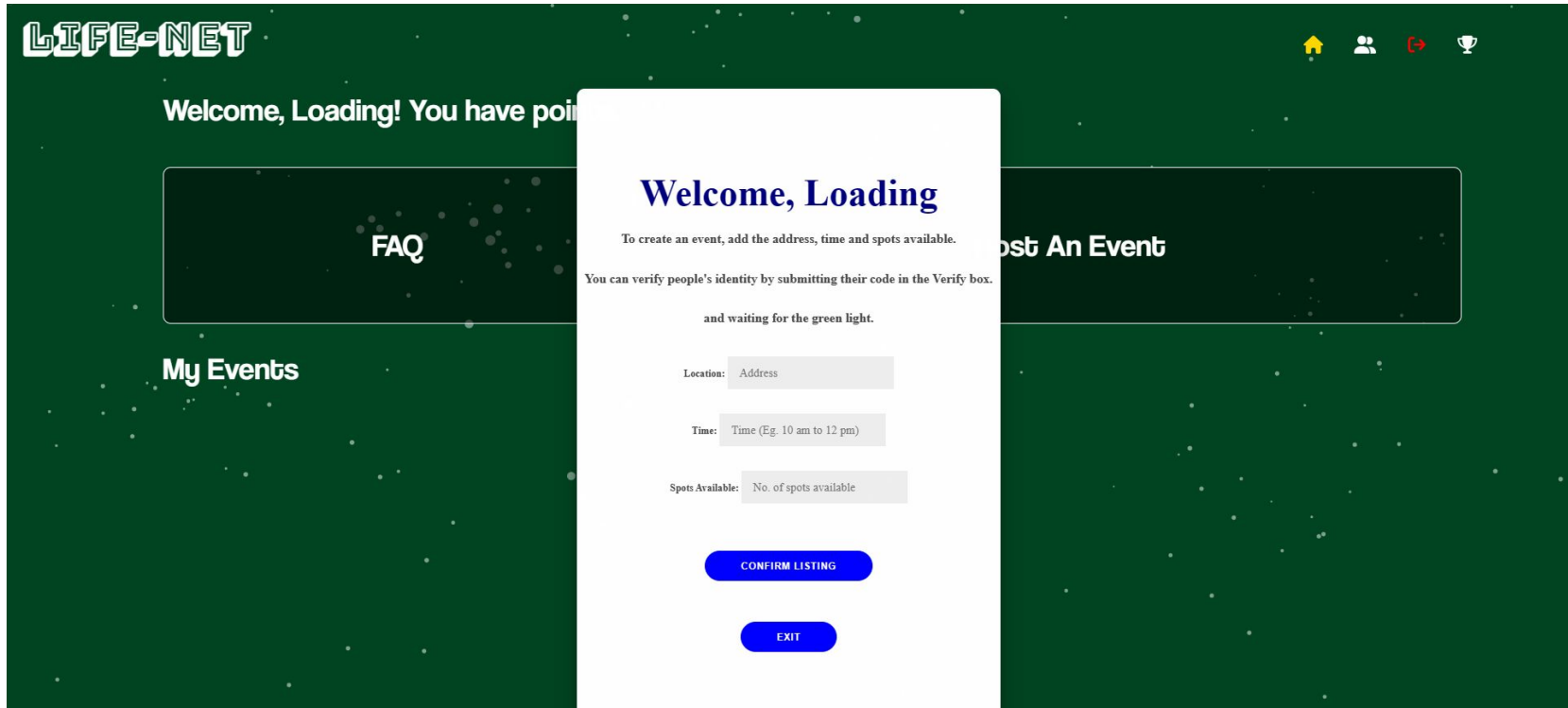
With its advanced **GPT-powered technology**, the chatbot provides a community helpline that is available **24/7**, offering a convenient and accessible way for users to access information and support.

For the homeless, the chatbot offers a way to **connect with essential services**, such as emergency weather reports and calling officials.

Users have a smooth and intuitive experience, and its 24/7 availability means that help is always just a few taps away.



LifeNet: Donor Side Portal Website



LifeNet: Donor Side Portal Website

My Events

Location:

25 Park Place

Time:

12 pm - 1 pm

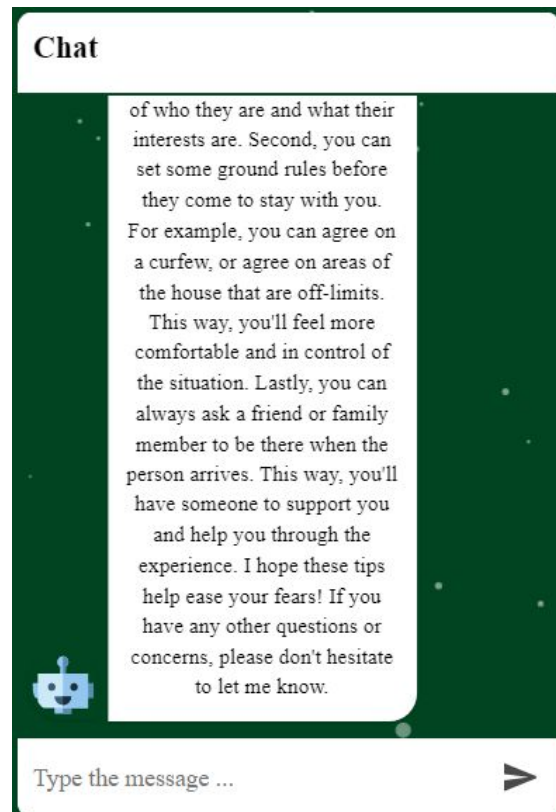
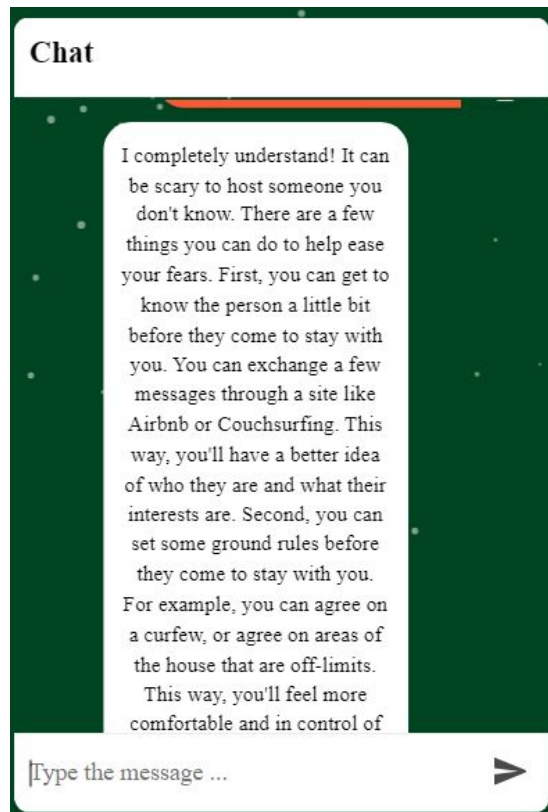
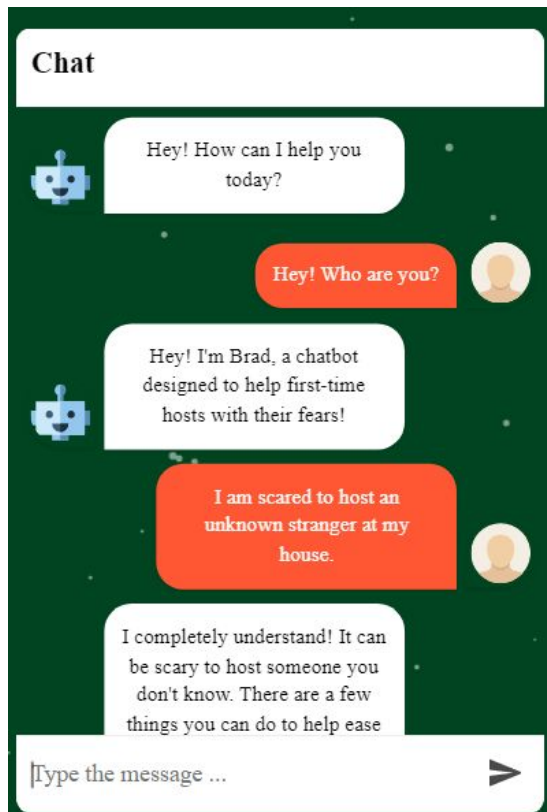
Spots Available:

10

Verify PIN

Enter PIN

LifeNet: Donor Side Portal Website



LifeNet: Donor Side Portal Website

Members of the society who engage in **LifeNet Donations** can do so by registering on the **LifeNet website**. They can then post **events** where they plan to provide food and support to a specified number of people at a time.

For every person helped, donors earn "**LifePoints**," which are tracked on a community leaderboard. This creates a sense of competition and encourages more individuals to get involved.

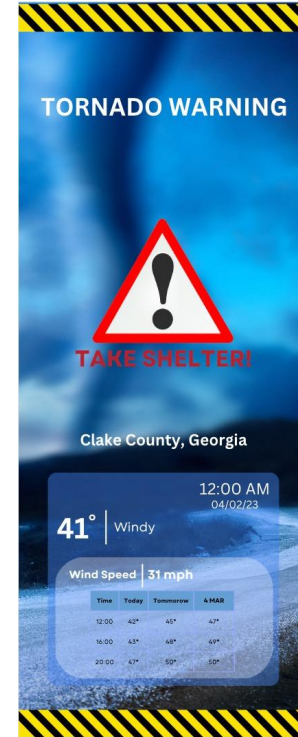
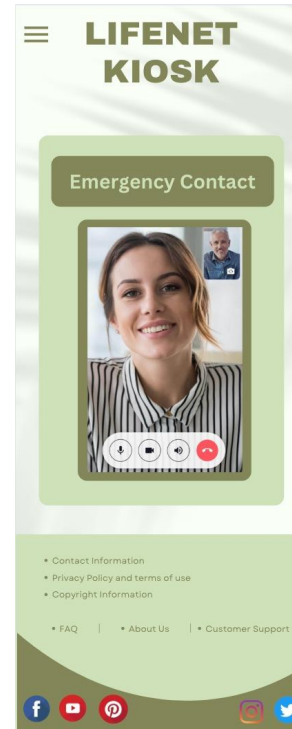
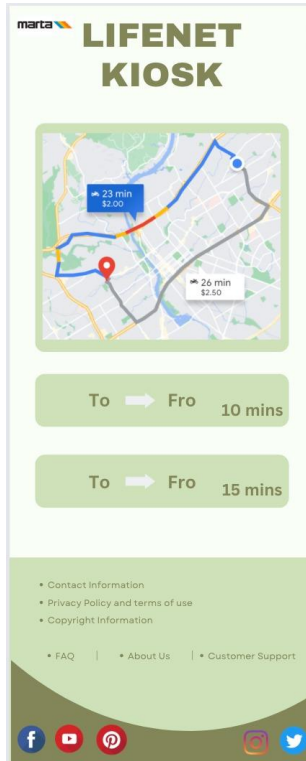
Donors also have access to a **GPT-3 powered chatbot**, who can help guide them into hosting a guest for the first time, and easing the nervousness associated with it.

LifeNet: A Note To Public Safety

We understand that being generous and charitable might sometimes result in a threat to donor safety. **LifeNet** generates **unique** codes for each RSVP made through its Kiosks to ensure the safety of both homeless individuals and donors.

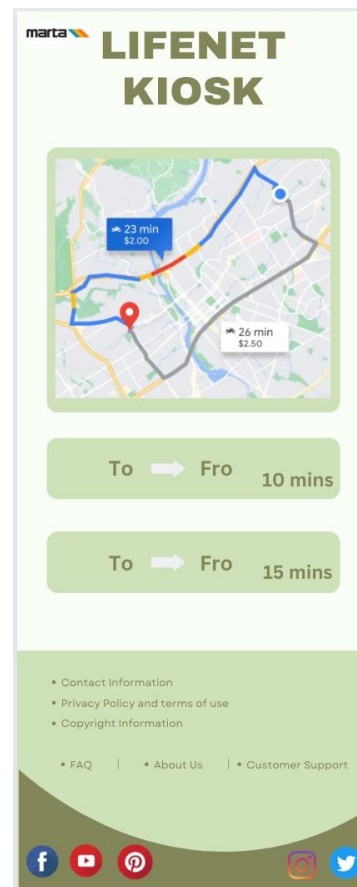
The Kiosk captures an image of the homeless person for verification, which is then sent to the main user. The person in need is also provided a secure code, which they give to the recipient for verification. This **double-factor verification** process helps to confirm the identity of the individual.

LifeNet: Proposed Implementation (Images)



LifeNet: Proposed Implementation

- We intend to partner with organizations such as **MARTA**, and use our **LifeNet Kiosks** as a trip planning utility as well.
- **LifeNet Kiosks** would have the ability to cater to a wide array of requirements, such as:
 - **Reloading** and **Issuing** new tickets/passes.
 - **Assisting** passengers with **special needs**.
 - Calculating **trip itineraries** and catering to new riders.
- Potential collaborations with organizations such as **StateFarm** would allow for better funding and would increase advertising revenue.



LifeNet: Cost of Installation

- Cost of installation varies based on the type of kiosk. There are two major type of kiosks:
 - **Indoor** kiosk- We will install these kiosks inside airports, malls. Indoor kiosk are comparatively cheaper as on an average they cost **\$1000** to **\$2000**.
 - **Outdoor** kiosk- We will install these kiosks near bus stops and MARTA stations. The average cost of installation for outdoor kiosk will be **\$5000** to **\$15000**.

LifeNet: Return on Investment

- Ad revenue can be generated by giving out businesses space to display their personalized ad on the kiosk.
- Kiosks can offer product placement opportunities to advertisers who want to promote their products in front of a captive audience.
- On an average businesses have to pay **\$400** to **\$800** for an indoor advertisement for a period of four weeks.
- On an average businesses have to pay **\$3000** to **\$5000** for an outdoor advertisement for a period of four weeks.
- **We can expect to get our return on investment in 2-3 four week cycles.**
- **Within a year, we can expect 3x returns on the kiosks.**

Conclusion

In conclusion, **LifeNet** is proud to offer a solution that addresses the issue of homelessness through **technology**. Our innovative approach, which combines the placement of **Kiosks** in vulnerable areas, user involvement, reward system, community engagement, and partnerships with organizations like **MARTA**, has the potential to make a lasting impact on the lives of those affected by **homelessness**. By embracing the principles of "**Atomic Habits**," we are confident that our solution will create **sustainable** change and achieve long-term success in reducing homelessness. We are optimistic that with the support of our users, partners, and the community, **we can create a brighter future for those in need.**

UGAHacks 8.0

LifeNet Kiosk

THANK YOU SO MUCH FOR
LISTENING!

Hope y'all get some get some good sleep this week:)
