MULTIPURPOSE SHELTER SYSTEM
INTERIOR ARCHITECTURE THESIS

Greyley Cook 03.06.21
“…around Iceland we have these rescue shelters. The shelters were mostly built by Icelandic volunteer search & rescue organizations in the early half of the last century. They are placed by remote hiking routes, high mountain roads, the coastline or generally anywhere people are most likely to get themselves into trouble. Each of these has a bunch of blankets, dried food, a vhf radio, and usually some cooking or heating equipment.”

"Over the last century they saved many lives, but their importance is changing. With modern mobile phone coverage and better roads, many of these have lost their importance. However there are several huts in areas where people hike or by mountain passes without mobile reception that still remain important..."
Current state of the art facilities have limited use for those going through traumatic experiences relating to both lack of shelter from the elements, and injury. These structures have not been designed to meet their full potential, they fail in terms of efficiency and providing a calming experience for the user.
WHY IS THIS NECESSARY?
Why is this necessary?

79.5 MILLION PEOPLE FORCIBLY DISPLACED WORLDWIDE AT THE END OF 2019.

80% RELOCATED TO TERRITORIES AFFECTED BY FOOD INSECURITY.

40% ARE CHILDREN.
THE CALIFORNIA WILDFIRES HAVE DISPLACED NEARLY 200,000 CITIZENS.

STATEWIDE, 1,200 STRUCTURES HAVE BEEN DESTROYED AND ANOTHER 30,000 ARE PROJECTED TO BE IN THE UPCOMING WEEKS.

MORE THAN 1.2 MILLION ACRES HAVE BEEN BURNED — A COMBINED AREA NEARING THE SIZE OF THE GRAND CANYON.
THE BEIRUT EXPLOSIONS (2020) DAMAGED AT LEAST 70,000 HOMES TO THE POINT OF NO LONGER BEING INHABITABLE. ...LEAVING NEARLY 300,000 HOMELESS.

OTHERS LIKELY HAVE BROKEN WINDOWS & MINOR DAMAGE

70% OF BEIRUT’S BUILDINGS WERE IMPACTED.
Why is this necessary?

Many institutions are not equipped to successfully quarantine those infected with COVID-19. This includes, but is not limited to; nursing homes, prisons, and universities.
Why is this necessary?

Lost day hikers typically only have some water and a camera; they are not equipped for the possibility of getting lost.

Across all U.S. National Parks from 2004-2014, day hikers comprised 42% of the 46,609 search & rescue cases. Almost four times the amount of the next closest group, overnight backpackers at 13%. 
The effects of trauma include, but are not limited to:

- Exhaustion
- Confusion
- Sadness
- Anxiety
- Agitation
- Numbness
- Dissociation
- Confusion
- Heightened cognitive stimulation
- Lack of ability to express emotion.
Physiological Safety
Belongingness
Esteem
Self Actualization

Food, water, warmth, & rest
Security & Safety
Friendships & Love
Prestige
Achieving Full Potential
Currently

BRIGHT ORANGE, HARD SURFACES, CRAMPED SPACE.

THICK CLASPS ON DOOR, BUNK BEDS, HEATER, CAR BATTERY, RADIO, GUEST BOOK.

Not successful in providing a calming space for user.

Photos sourced from Unsplash
MISTAKES TO LEARN FROM?
"...the agency [FEMA] admitted its planning "was incomplete, did not adequately account for the possibility of multiple major disasters in a short amount of time, and underestimated the impact of 'insufficiently maintained infrastructure' in Puerto Rico."
HOW WILL IT BE FUNDED?
How will it be funded?

- **Eco-friendly, sustainable projects** relating to sailing, skiing, and gear.
- **Innovative brand** specializes in sustainable gear for skiing, and gear, with plastics and water conservation associations.
- **HAS FOUNDATION DEDICATES 1% OF ANNUAL REVENUE** to poverty alleviation projects.
- **ReCircle Program**: 1% of annual revenue goes to non-profit, grassroots environmental campaigns.
- **Founded in 1894** in England, the Queen of the family supplies luxury gear, partnering with John Muir & ReCircle processes, efficiently using Recycled materials.
- **Cotopaxi Foundation** funds which supports organizations earning to non-profits, partnering with grassroots and international non-profits.
How will it be funded?

Possible price range?

DIY Tiny home can be built for as little as $500. Average is $23,000.
A SYSTEM OF MULTIFUNCTIONAL DWELLINGS.
First Tier Sleeping Quarters
Construction

Dovetail Joint @ 45°

Lam Joint

Tree Nail (Peg)

Basic Construction w/ Rafters

Peg + Dovetail to Maximize Stability

Brace @ 45°
Kin is a company dedicated to what's best for the user while still maintaining safe practices for the environment. We are dedicated to exploring all ideas, no matter how big. We strive to make lasting connections with our partners and maintain fair practices. We have your safety in mind, always.
Huel (Human + Fuel) is nutritionally complete food. This means every Huel meal contains a balance of all 27 essential vitamins and minerals, protein, essential fats, carbs, fiber and phytonutrients in a single product. Huel is made from plant-based sustainable ingredients like oats, peas, rice, flaxseed, coconut, and sunflower, and it is available in a range of four products: Powder (our most popular), Hot & Savory, Ready-to-drink, and Bars.

From supporting youth fighting against oil drilling to suing the president, we take action on the most pressing environmental issues facing our world. Connect with environmental groups through Patagonia Action Works and take action to protect people and planet.

FEMA's employees are committed to serving our country before, during and after disasters. Every day more than 20,000 emergency managers work to make our nation safer, stronger and more prepared.

The earth belongs to our children and their children, tend it with care.
1 Nomad at a glance
A company with your safety in mind, always.
Champions at leaving the environment untouched
Exploration of ideas, no matter how big.
Making lasting connections

2 Request a shelter
FILL OUT FORM WITH FEMA HERE

3 Partnerships
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SHOW MORE

CONTACT NOMAD
11610 Euclid Avenue
Cleveland, Ohio
44140
123-456-7890

Name
Phone
E-mail
Message

CLICK HERE TO BE REDIRECTED TO OUR LUXURY SHELTER SITE
TO IMPROVE MY UNDERSTANDING OF THE TARGET AUDIENCE, IDENTIFY WHAT BRINGS COMFORT, & FURTHER PERSONALIZE BRAND LANGUAGE.

WIDE RANGE OF PREFERENCES, LEAD ME TO THE DECISION TO OFFER THE ABILITY TO CUSTOMIZE THE ENVIRONMENT OF THE SPACE.
HELLO AND WELCOME!

TAP ANYWHERE TO BEGIN

01 LET'S BEGIN
02 NAVIGATION
03 ENVIRONMENT CONTROL
04 NUTRIENTS
05 LOG BOOK

Located in cupboard left of sink. Savory, Ready-to-drink, and Bars. a range of four products: Powder (our most popular), Hot & Huel is made from plant-based sustainable ingredients like oats, every Huel meal contains a balance of all 27 essential vitamins Huel (Human + Fuel) is nutritionally complete food. This means

Use this to control the environment within your Nomad, used to control lighting, HVAC system, and aromatherapy preferences.

NEAREST:
HOSPITAL: 3 MILES
POLICE STATION: 8 MILES
GAS STATION: 5 MILES
GROCERY: 22 MILES
CAR RENTAL: 18 MILES

Use this to control the environment within your Nomad, used to control lighting, HVAC system, and aromatherapy preferences.
AN EXTENSION OF THE BRAND TO FURTHER PROMOTE AND FUND.
Nomad Exterior
Nomad Bedroom
Nomad Website Mockup

Nomad at a glance

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Emergency Shelters

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Contact

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Thank you!

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