EMERGENCY SHELTER

WindingTree Hackathon
Prague, 2018

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Problem:

- Natural & Man Made Disasters create large number of homeless individuals in need of shelter.
- Not all disasters are ideal for Humanitarian aid organizations to organize.
- Relief organizations are frequently strained in terms of resources and volunteers.

How can we maximize emergency shelter with existing resources?

Solution:

- Leverage the decentralized power of Blockchain.
- Organize the distribution of relief resources in a decentralized way.
- Allow good-samaritans to support their others in times of need.
- Integrate with existing structures that people normally use for finding accommodation (Hotel Websites/WindingTree Hotel Index)
- Offer a natural way for people to both Offer and Find emergency shelter.

How it works:

- Emergency Shelter Smart-Contract creates a new “Hotel” in the WindingTree Hotel Index.
- This “Hotel” is named “Emergency Shelter: {DisasterName}”
- The resulting “Hotel” smart-contract created by the WindingTree Hotel index is managed by the Emergency Shelter smart-contract. Emergency Information is stored in the {Hotel URI} which points to a feed of information and emergency-shelters.
- Emergency Shelters are submitted by individuals to the Emergency-Shelter smart contract. Shelters are managed by the Emergency-Shelter contract.
- At the end of an Emergency, the Emergency-Shelter contract can delete the “Hotel” and remove the entire Listing of emergency shelter.

MORE INFO:

https://github.com/crazyrabbitLTC/WT-Hackathon-Emergency-Shelter

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