

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.



Hotel Explorer

Browse hotels, check their rooms and get availability information!



Central Hill Apartments

Located on the hillside just across the valley from Dragom's historical district, our apartments offer you the ideal possibility of spending a pleasant summer in the heart of Transylvania in a quiet neighbourhood, yet with full comfort of the city. The whole Central Hill area is known for its cosy cafes, excellent dining options as well as beautiful park walks. Do not hesitate to experience this yourself!

[See detail](#)



Guest House One Eyed Badger

Small, private guest house in the quiet part of Dragom. No kids, no pets. Smokers are welcome.



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California WildFire: 2018 Emergency Shelter Request and Offering. Support the victims displaced by the current disaster. Click [here](#) for more information on available shelters and to submit Shelter offers.

[See detail](#)

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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