Lug-it: Crowd-based Commerce and Transport Platform

Team 555
Hacking for Good with Google - Boston June 17, 2017

"Lug-it" by 555:

Mission:

Provide "crowd-based" service to purchase and transport products people to people at a fraction of the cost.

The Five-Fifty-Five team:

Ousmane Younoussa: Student at UMass-Boston & Apps Developer

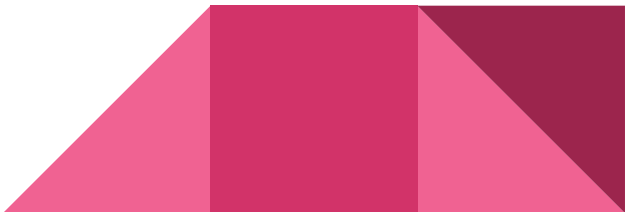Giri Shivakumar: Senior Developer and Data God

Pete Frankwicz: Process Engineer and Data Scientist

Lug-it Concept:

Application to match up requestor with product need to "lugger" traveling to requestor location.

Lug-it architecture is simple and robust.

- Requestor database: request product, estimated cost, date & location, weight, size, product description
- "Lugger" database: travel plans, size of product, maximum cost and product specifications
- Searchable to match requestor and luggers.
- Internal messaging service for requestor - lugger communications

Lug-it Example

- Requestor posts request for three boxes of prescription contact lenses for delivery to Petersburg Russia in three weeks into requestor database
- Lugger searches requestor database and accepts request
- Lug-it creates Lugger Mission ID.
- Lug-it creates messaging channel between requestor - lugger users for communication and dialog of the Lug-it mission ID.

Lug-it Case for "Good":

- Web-based platform of commerce to involve people without credit cards or foreign capital
- Platform transportation of materials and goods at a fraction of the current cost. No overhead of a world wide transport fleets, maintenance and brick & mortar facilities
- Leverage of "ethnic travel networks" to promote international commerce
- Expansion of trade and commerce at the personal & grassroots level.
- Lug-it is in the crowd bio-lineage of AirBnB, Uber and Craigslist
- Simple application architecture and operational mechanics

Q & A

Thanks for your time and attention from 555.