**FINAL PROJECT PROPOSAL**

**Problem Statement:**

Nowadays, many charities exist but sometime people are lack of incentive to donate or find the right way to donate to the people who need them. The donors don’t have enough information on what is the right kind of resource to donate and the donees are unware of what resource is available right now.

**Purpose:**

Our purpose of this project is to enhance communication between donees, donors and charities. Charities within a state can be connectedand resource can be shared. Donees and donors can be informed about what resource is needed and what resource is available on the market right now. Our system also tries to promote the incentive of donation by allowing donors who donated more resources to be the donees who can receive more resources. Our ultimate goal of this system is to allocate idle resource more efficiently, promote sharing, and eventually improve the well-being of everyone in the society.

**Solution:**

In our eco-system structure, we’ll have networks of state with various enterprises: Government Administration office, Delivery Enterprise, Donation/Charity Enterprise, and Citizen Enterprise (within a state).

For Government Administration Enterprise, it will have different organizations to perform functionalities such as monitoring donation process, allocating funds to Charities, managing Charities. We also came up with some innovative ideas about the functionality of the Government admin such as analyzing the performance of system (donation rate analysis, delivery efficiency improvement analysis, etc., on a timely basis) and handling complaints from donees and donors to strengthen service quality and supervision.

For Delivery Company Enterprise, it will have different organizations to handle the functionalities such as delivering and receiving goods. The delivery service support cross-state delivery and the fee will be charged from the Donation/Charity Enterprise.

For Citizen Enterprise, it will organize different users (donees and donors) within a state as a group entity.

For Donation/Charity Enterprise, it will have different organizations to perform functionalities such as sending and receiving goods, managing inventory, etc. User can check available resources and post request for certain goods as donees or check requests from donees and post donation request to donate certain goods as donors. Employees will check whether the goods are available for donate and verify if a citizen is valid for request donations.

Each Organization will have Employee directory, User account directory and Work queue etc. All the functionality mentioned above can be processed by different work request type.

To sum up, our system will enhance the connect between Charites within a state and inform people about idle resource thus optimize allocation of idle resources. Also, our system can support nationwide and global donation to help people in deprived areas.

**Group Information**

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