**Project Report**

**Donat.io**

**Database Systems**

**BS(CS) Fall 2017**

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**Introduction:**

Donat.io is a donation collection system. The idea is to connect willing donors with donation collectors to implement an efficient system.

As the prevalence of smartphones increases in our society, there exists a unique opportunity to take advantage of the increasing amount of user connectivity. The aim of this project was to design an efficient and simple system that would improve society by connecting willing donors with donation recipients.

**Features:**

End-User (Android application):

* Implementation of Google Maps to show users the nearest donation centers of their respective choice
* Ability to send donation requests to be approved by organizations that have been registered in the system.
* Ability to view donation requests sent by others.
* Ability to volunteer for organizations.
* Ability to see notifications issued by organizations and admins in case of an emergency.
* Google Sign-In implemented for user security.

Admin(Website)

* Usage of Google Maps to easily select new locations as branches of an organization.
* Ability to approve, reject or delete donation requests of users.
* Ability to approve or reject volunteers in an organization
* Ability to issue notifications to users or volunteers.
* Ability to view and delete the branches of an organization.