RequestDonation

entity: Entity
quantity: double

+get_id(): int
+getEntity(): Entity
+setQuantity(double quantity): void
+getQuantity(): double
-compare(Entity d1, Entity d2): int

Menu

-ans: String
-phone: String
-havelogout: boolean=true

+Scan(): void
+SignB(): void
+SignD(): void
+MenuB(Beneficiary b): void
+MenuD(Donator d): void
+MenuA(Amdin a): void
+ListBen(): void
+ListDon(): void
+Logout(): void
+ExitFromProgram(): void

Main

+ void main(String[ ] args)

NullLineReaderException

+NullLineReaderException()

Organization

-name: String
-admin: Admin

+getentityList(): ArrayList<Entity>
+getdonatorList(): ArrayList<Donator>
+getbeneficiaryList(): ArrayList<Beneficiary>
+getCurrentDon(): RequestDonationList
+setCurrentDon(RequestDonationList currDon): void
+getAdmin(): Admin
+setAdmin(Admin admin): void
+getOrgName(): String
+addEntity(Entity entity): void
+removeEntity(int entity): void
+insertDonator(Donator donator): void
+removeDonator(Donator donator): void
+insertBenefiary(Beneficiary beneficiary): void
+removeBeneficiary(Beneficiary beneficiary): void
+listEntities(): void
+listDonators(): void
+listBeneficiaries(): void
+showCategory(String Category):void

RequestDonationList

+getrdEntities(): ArrayList<RequestDonation>
+getRequestDonation(): RequestDonation
+get(int id): RequestDonation
+add(RequestDonation requestdonation, double quan): void
+remove(RequestDonation requestdonation): void
+modify(RequestDonation d, double quantity): void
+monitor(): void
+reset(): void

Request

+add(RequestDonation requestdonation, double quant): void
+modify(RequestDonation d, double quantity): void
+validRequestDonation(Beneficiary b, RequestDonation d): bool
+commit(Beneficiary b, RequestDonation d): void

Offers

+commit(Organization org, Donation d): void

User

-fristname: String
-lastname: String
-phone: String

+getFirstName(): String
+setFirstName(String first): void
+getLastName(): String
+setLastName(String last): void
+getPhone(): String
+setPhone(String phone): void
+isAdmin(): bool

Admin

+isAdmin(): bool

Donator

+getoffersList( ) : ArrayList<Offers>

Beneficiary

noPerson: int=1

+getNoPersons(): int
+setNoPersons(int noPersons): void
+getreceivedList(): ArrayList<RequestDonationList>

<<Entity>>

-name: String
-description: String
-id: int
-CID: int=0

+getName(): String
+setName(String name): void
+getDescription(): String
+setDescription(String description): void
+getId(): int
+setId(int id): void
+getEntityInfo(): String
+getDetails(): String
+toString(): String
+getCategory(): int

Material

-level1: double=5
-level2: double=10
-level3: double=20

+getLevel1(): double
+getLevel2(): double
+getLevel3(): double
+setLevel1(double level1): void
+setLevel2(double level2): void
+setLevel3(double level3): void
+getDetails(): String
+toString(): String
+getCategory(): int

Service

+ EntityCategory: int=2

+getDetails(): String
+toString(): String
+getCategory(): int