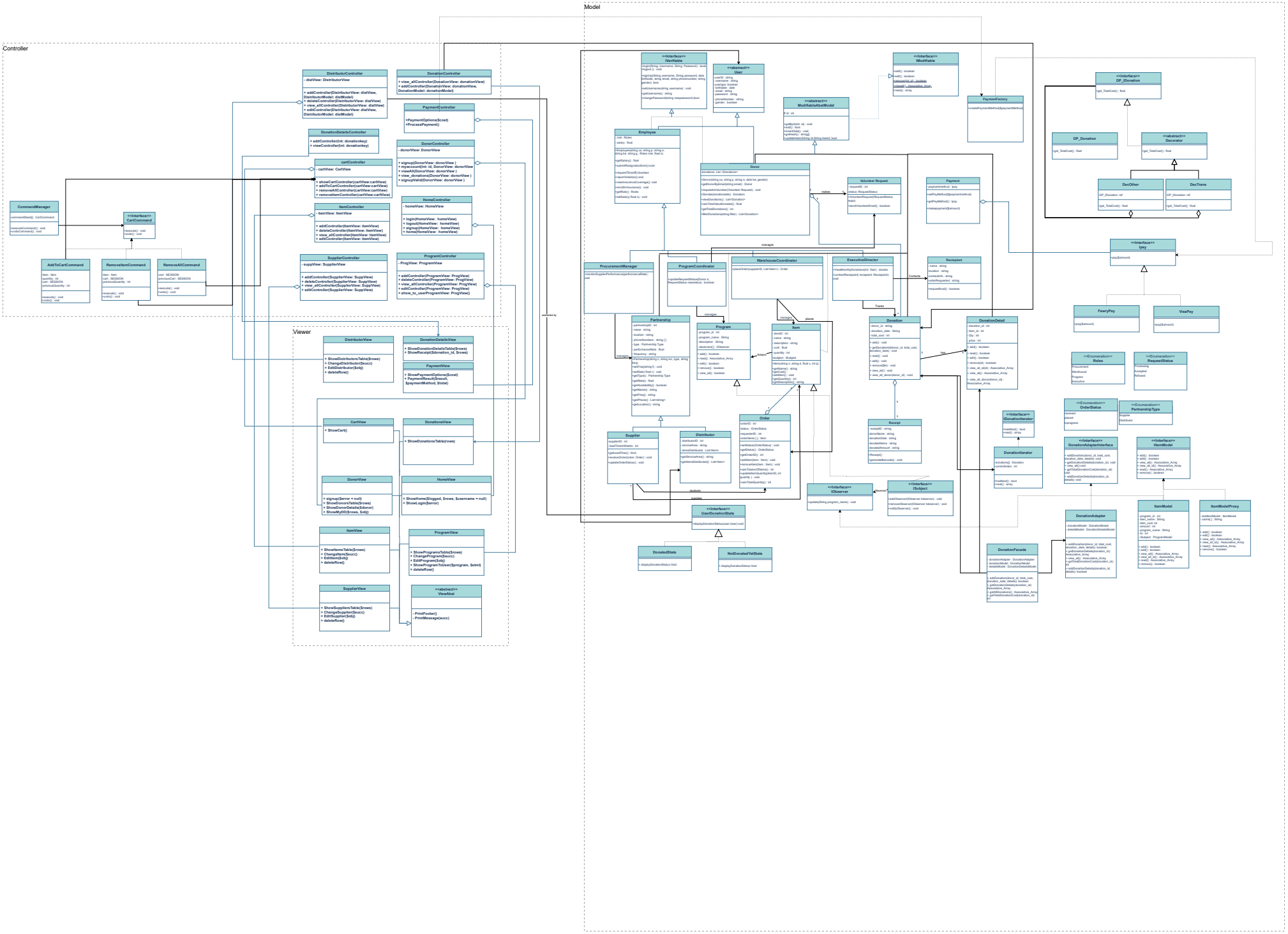
Controller
Model
Viewer
DistributorController
- distView: DistributorView
+ addController(DistributorView: distView, DistributorModel: distModel)
+ deleteController(DistributorView: distView)
+ view_allController(DistributorView: distView)
+ editController(DistributorView: distView, DistributorModel: distModel)
DonationController
+ view_allController(DonationView: donationView)
+ addController(DonationView: donationView, DonationModel: donationModel)
PaymentController
+PaymentOptions(Scost)
+ProcessPayment()
DonationDetailsController
+ addController(Int: donationkey)
+ viewController(Int: donationkey)
DonorController
- donorView: DonorView
+ signup(DonorView: donorView)
+ myaccount(Int: id, DonorView: donorView
+ viewAllDonorView: donorView)
+ view_donations(DonorView: donorView)
+ signupValid(DonorView: donorView)
cartController
- cartView: CartView
+ showCartController(cartView:cartView)
+ addToCartController(cartView:cartView)
+ removeAllController(cartView:cartView)
+ removeItemController(cartView:cartView)
ItemController
- itemView: ItemView
+ addController(ItemView: itemView)
+ deleteController(ItemView: itemView)
+ view_allController(ItemView: itemView)
+ editController(ItemView: itemView)
HomeController
- homeView: HomeView
+ login(HomeView: homeView)
+ logout(HomeView: homeView)
+ signup(HomeView: homeView)
+ home(HomeView: homeView)
SupplierController
- suppView: SupplierView
+ addController(SupplierView: SuppView)
+ deleteController(SupplierView: SuppView)
+ view_allController(SupplierView: SuppView)
+ editController(SupplierView: SuppView)
ProgramController
- ProgView: ProgramView
+ addController(ProgramView: ProgView)
+ deleteController(ProgramView: ProgView)
+ view_allController(ProgramView: ProgView)
+ editController(ProgramView: ProgView)
+ show_to_userProgramView: ProgView()
CommandManager
-commandStack[] : CartCommand
+executeCommand() : void
+undoCommand() : void
<<Interface>>
CartCommand
+execute() : void
+undo() : void
AddToCartCommand
-item : Item
-quantity : int
-cart : SESSION
-previousQuantity : int
+execute() : void
+undo() : void
RemoveItemCommand
-item : Item
-cart : SESSION
-previousQuantity : int
+execute() : void
+undo() : void
RemoveAllCommand
-cart : SESSION
-previousCart : SESSION
+execute() : void
+undo() : void
DistributorView
+ ShowDistributorsTable($rows)
+ ChangeDistributor($succ)
+ EditDistributor($obj)
+ deleteRow()
DonationDetailsView
+ ShowDonationDetailsTable($rows)
+ ShowReceipt($donation_id, $rows)
PaymentView
+ ShowPaymentOptions($cost)
+ PaymentResult($result, $paymentMethod, $total)
CartView
+ ShowCart()
DonationsView
+ ShowDonationsTable(rows)
DonorView
+ signup($error = null)
+ ShowDonorsTable($rows)
+ ShowDonorDetails($donor)
+ ShowMyDD($rows, $obj)
HomeView
+ ShowHome($logged, $rows, $username = null)
+ ShowLogin($error)
ItemView
+ ShowItemsTable($rows)
+ ChangeItem($succ)
+ EditItem($obj)
+ deleteRow()
ProgramView
+ ShowProgramsTable($rows)
+ ChangeProgram($succ)
+ EditProgram($obj)
+ ShowProgramToUser($program, $atmt)
+ deleteRow()
SupplierView
+ ShowSuppliersTable($rows)
+ ChangeSupplier($succ)
+ EditSupplier($obj)
+ deleteRow()
<<abstract>>
ViewAbst
- PrintFooter()
- PrintMessage(succ)
<<Interface>>
IVerifiable
+login(String, Username, String, Password) : bool
+logout()
+signup(String username, String password, date birthdate, string email, string phonenumber, string gender)
+setUsername(string username) : void
+getUsername() : string
+changePassword(string newpassword):bool
<<abstract>>
User
-userID : string
-username : string
-userType: boolean
-email : string
-phone : string
-password : string
-phoneNumber : string
-gender : boolean
<<Interface>>
IModifiable
+add() : boolean
+edit() : boolean
+remove() : void
+getAll() : array
PaymentFactory
+createPaymentMethod([paymentMethod]
<<Interface>>
IDonation
+get_TotalCost() : float
DP_Donation
+get_TotalCost() : float
<<abstract>>
Decorator
+get_TotalCost() : float
DecOther
-DP_Donation: ref
+get_TotalCost() : float
DecTrans
-DP_Donation: ref
+get_TotalCost() : float
<<abstract>>
ModifiableAbstModel
id : int
+getById(int id) : void
+add() : bool
+remove(State) : void
+getAll() : array[]
+updateHash(String id,String Hash): bool
Employee
-role : Roles
-salary : float
+Employee(string us, string p, string e, string fnl, string g , Roles role, float s)
+getSalary() : float
+submitResignationform():void
+requestTimeOff():boolean
+reportViolation():void
+viewInsuranceCoverage() : void
+enrollInInsurance() : void
+getRoles() : Roles
+setSalary(float s) : void
Donor
donations: List <Donations>
+Donor(string us, string p, string e, date bd, gender)
+getDonorByEmail(string email) : Donor
+requestVolunteer(Volunteer Request) : void
+Donate(donationdate) : Donation
+viewDonations() : List<Donation>
+calcTotalValueDonated() : float
+getTotalDonations() : int
+filterDonations(string filter) : List<Donation>
makes
Volunteer Request
-requestID : int
-status: RequestStatus
+VolunteerRequest(RequestStatus stept)
+sendVolunteerEmail() : boolean
Payment
-paymentMethod : Ipay
+setPayMethod([paymentMethod)
+getPayMethod() : Ipay
+makepayment([amount)
<<Interface>>
Ipay
+pay([amount)
FawryPay
+pay([amount)
VisaPay
+pay([amount)
manages
ProcurementManager
+monitorSupplierPerformance(performanceRate) : void
ProgramCoordinator
+updateRequestStatus(Donor d, RequestStatus newstatus) : boolean
WarehouseCoordinator
+placeOrder(supplierID, List<Item>) : Order
ExecutiveDirector
+viewMonthlyDonations(int Year) : double
+contactReceipient(receipient: Recipient) : void
Contacts
Recipient
-name : string
-location : string
-contactInfo : string
-orderRequested : string
+requestSuit() : boolean
Tracks
places
Partnership
-partnershipID : int
-name : string
-location : string
-phoneNumbers : string [ ]
-type : Partnership Type
-performanceRate : float
-frequency : string
+Partnership(string n, string loc, type, string freq)
+setFreq(string f) : void
+setRate(float r) : void
+getType() : Partnership Type
+getRate() : float
+getAvailability() : boolean
+getName() : string
+getFreq() : string
+getPhone() : List<string>
+getLocation() : string
Program
-program_id : int
-program_name : String
-description : String
-observers[] : IObserver
+add() : boolean
+read() : Associative_Array
+edit() : boolean
+remove() : boolean
+view_all() : boolean
Item
-itemID : int
-name : string
-description : string
-cost : float
-quantity : int
-budget : Budget
+Item(string n, string d, float c, int q)
+getName() : string
+getCost()
+setItem() : void
+getQuantity() : int
+getDescription() : string
Donation
-donor_id : string
-donation_date : String
-total_cost : int
+ add() : void
+ getDonations(donor_id, total_cost, donation_date) : void
+ read() : void
+ edit() : void
+ remove(id) : void
+ view_all() : void
+ view_all_donor(donor_id) : void
DonationDetail
-donation_id : int
-Item_id : int
-Qty : int
-price : int
+ add() : boolean
+ read() : boolean
+ edit() : boolean
+ remove(id) : boolean
+ view_all_id(d) : Associative_Array
+ view_all() : Associative_Array
+ view_all_donor(donor_id) : Associative_Array
<<Enumeration>>
Roles
Procurement
Warehouse
Program
Executive
<<Enumeration>>
RequestStatus
Processing
Accepted
Refused
<<Enumeration>>
OrderStatus
received
placed
inprogress
<<Enumeration>>
PartnershipType
Supplier
Distributor
Supplier
-supplierID : int
-leadTimeInWeeks : int
+getLeadTime() : time
+receiveOrder(order: Order) : void
+updateOrderStatus() : void
Distributor
-distributorID : int
-serviceAreas : string
-itemsDistributed : List<Item>
+getServiceAreas() : string
+getItemsDistributed() : List<Item>
Order
-orderID : int
-status : OrderStatus
-requesterID : int
-orderItems [ ] : Item
+setStatus(OrderStatus) : void
+getStatus() : OrderStatus
+getOrderID() : int
+addItem(item : Item) : void
+removeItem(item : Item) : void
+calcTotalValueOfItems() : int
+updateItemQuantity(itemID, int quantity) : void
+calcTotalQuantity() : int
Receipt
-receiptID : string
-donorName : string
-donationDate : string
-donatedItems : string
-donationAmount : string
+Receipt()
+generateBarcode() : void
<<Interface>>
IDonationIterator
+hasNext() : bool
+next() : array
DonationIterator
-donations[] : Donation
-currentIndex : int
+hasNext() : bool
+next() : array
<<Interface>>
IObserver
+update(String program_name) : void
<<Interface>>
ISubject
-addObserver(IObserver lobserver) : void
-removeObserver(IObserver lobserver) : void
-notify(Observer) : void
<<Interface>>
DonationAdapterInterface
+ addDonation(donor_id, total_cost, donation_date, details): void
+ getDonationDetails(donation_id) : void
+ view_all() void
+ getTotalDonationCost(donation_id): int
+ addDonationDetails(donation_id, details): void
<<Interface>>
ItemModel
+ add() : boolean
+ edit() : boolean
+ view_all() : Associative_Array
+ view_all_id(i) : Associative_Array
+ read() : Associative_Array
+ remove() : boolean
<<Interface>>
UserDonationState
+displayDonationStatus(user:User):void
DonatedState
+ displayDonationStatus:Void
NotDonatedYetState
+ displayDonationStatus:Void
DonationFacade
-donationAdapter : DonationAdapter
-donationModel : DonationModel
-detailsModel : DonationDetailsModel
+ addDonation(donor_id, total_cost, donation_date, details): boolean
+ getDonationDetails(donation_id): Associative_Array
+ getAllDonations() : Associative_Array
+ getTotalDonationCost(donation_id): int
DonationAdapter
-donationModel : DonationModel
-detailsModel : DonationDetailsModel
+ addDonation(donor_id, total_cost, donation_date, details): boolean
+ getDonationDetails(donation_id): Associative_Array
+ view_all() : Associative_Array
+ getTotalDonationCost(donation_id): int
+ addDonationDetails(donation_id, details): boolean
ItemModel
-programs_id : int
-Item_name : String
-Item_cost: int
-Item_id : int
-program_name : String
-id : int
-Subject : ProgramModel
+ add() : boolean
+ edit() : boolean
+ view_all() : Associative_Array
+ view_all_id(i) : Associative_Array
+ read() : Associative_Array
+ remove() : boolean
ItemModelProxy
-realItemModel : ItemModel
-cache[ ] : String
+ add() : boolean
+ edit() : boolean
+ view_all() : Associative_Array
+ view_all_id(i) : Associative_Array
+ read() : Associative_Array
+ remove() : boolean
notified by
makes
notifies