Class diagram - NearbyNexus

NearbyNexus

authenticateUser(username: string, password: string): boolean

displayServices()

displayUsers()

1 ..1

Admin

+ id: Int

+ name : String

+ phone: Int

manageUsers()

manageServices()

manageComplaints()

1 ..n

1 ..n

1 ..n

1 ..n

1 ..n

Vendor

+ id: Int

+ name : String

+ phone: Int

+ geolocation

registerService(service: Service)

updateService(service: Service)

deleteService(service: Service)

getServices(): List<Service>

setAvailability(days: List<Day>)

setCalendar(calendar: Calendar)

getLocation()

1 ..n

1 ..n

1 ..1

Normal User

+ id: Int

+ name : String

+ phone: Int

+ email: Char

+ geolocation

fetchService() : List<Service>

bookService(Service : service)

rateVendor(Vendor:vendor, rating:it)

trackVendor(Vendor:vendor_id)

payment(vendor: int, amount :double)

getLocation()

1 ..n

1 ..n

Chat

+ chat_id : int

+ user : String

+ vendor : String

sendMessage()

deleteMessage()

shareCurrentLocation()

block()

Services

+ id :Int

+ service_name : String

+ service_cost : int

createService()

updateService()

removeService()

change()

Location

+ latitude: double

+ longitude: double

getLocation()

1 ..1

1 ..1

1 ..1

Bill

+ billNo :Int

+ user : Int

+ vendor: int

generateBill(billNo)

1 ..1

Payment

+ id :Int

+ amount: double

+ vendor: int

makePayment(amount : double)

1 ..1