Entities

Profile

Properties
String firstName, lastName
Int age
Image profilePic
String [] Like
String [] Dislike

Methods
String toString()
void setAge()
void setLike()
void setDislike()
void setFirstName(), set
LastName()
Image takePicture()
void setProfilePic()

StoreSet

Properties
private List<Store> storeList

Methods
getStore(String name)
get<Field>ForStore(String name) //for each field in Store
update<Field>ForStore(String name) //for each field in Store
addStore(Store store)
deleteStore(String name)

findStoresByHour(int start, int end)
findStoresByCuisine(String cuisine)
findStoresByCoordinates(long lat, long lon)

USES

Store

Properties
private String name
private String address
private long latitude
private long longitude
private int rating
private int openingTime
private int closingTime
private int priceRange
private String cuisine
private String description
private String menuURL
private String shopPictureURL
private String websiteURL

Methods
getters()
setters()

public boolean hasCoordinates(long latitude, long longitude)
public boolean hasHours(int startTime, int closingTime)
public boolean hasCuisine(String cuisine)
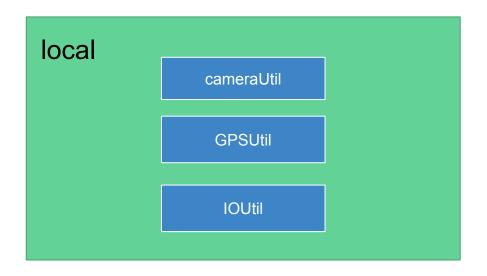
Appointment

Properties
Int appointmentID
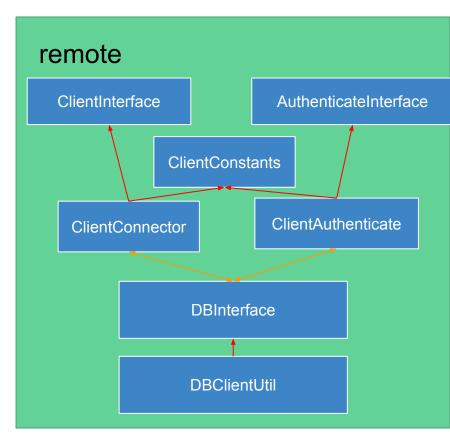Int restaurantID
Int[] memberIDs
Date appDate

Methods
String toString()
Int getAppointmentID()
Void setRestaurantID(int)
Int getRestaurantID()
Void setMemberIDs(int[])
Int getMemberIDs()
Void setAppointmentDate(Date)
Date getAppointmentDate()
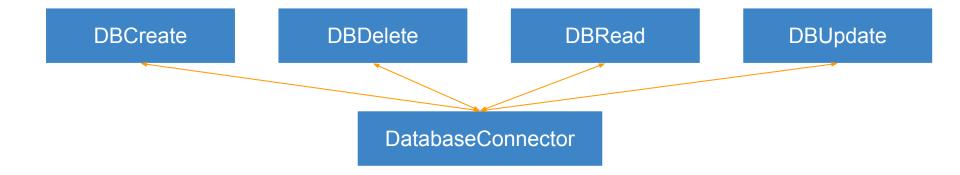Static LinkedHashMap<String, Appointment>
getAllAppointments()

WS

DBLayout

| DBCreate | DBDelete | DBRead | DBUpdate |

DatabaseConnector

UI

UI

- LoginActivity

- MainActivity

- FragmentPageManager

Fragments

- AppointmentFragment → AppointmentViewFragment
- ProfileFragment
- ScheduleFragment
- StoresFragment → StoreDetailFragment