

<<interface>> OnPlayerScoreRetrievedListener

+ onScoresRetrieved(score: int)

- email: String

+ c

- playerName: S

- deviceID: Strin

- db: FirebaseFi

- rank: int

+ Player(player) + Player(player)

+ setRank(rank: + getEmail(): Str + getUserName + getDeviceID()

+ getRank(): Str

+ getNumericalF + getScore(lister + getQRCount(lister

- image: Bitmap - qr: ScannedCo

+ getImage(): Bi + setImage(bitm

+ getQr(): Scanr + setQr(qr: Scar

- galleryList: Arra - context: Conte

- player: Player

- galleryAdapter

+ GalleryAdapte

+ onCreateView

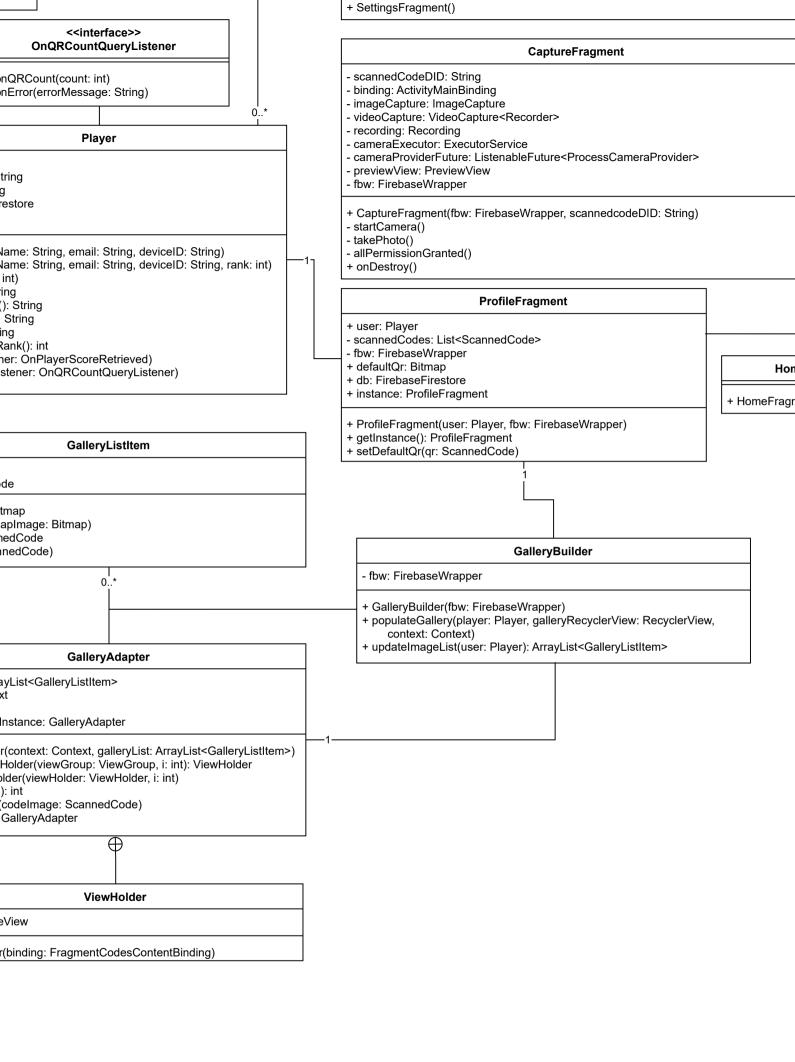
+ onBindViewHo + getItemCount(

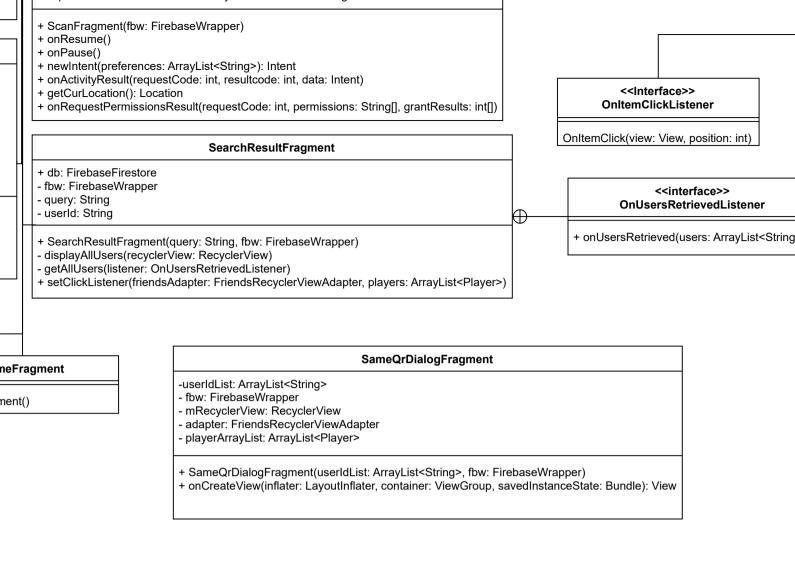
+ removelmage

+ getInstance():

image: Image

+ ViewHolde





ViewHolder

+ codeCardAscii: TextView+ codeCardName: TextView+ codeCardLocation: TextView+ codeCardDate: TextView

+ codeCardPts: TextView

+ ViewHolder(binding: FragmentCodesContentBinding)

+ onClick(v: View)

- + ScannedCode(code: String, date: String, locationImage: String, userDID: String, scannedCodeDID: String)
- + ScannedCode(code: String, date: String, location: GeoPoint, locationImage: String, userDID: String, scannedCodeDID: String)
- + ScannedCode(hash: String, hashVal: int, date: String, location: GeoPoint, hasLocation: boolean, locationImage: String, userDID: String, scannedCodeDID: String)
- + getDate(): Date
- + getDateString(): String
- + getLocation(): GeoPoint
- + getHasLocation(): boolean
- + getLocationString(): String
- + getUserDID(): String
- + getHash(): String
- + getHashVal(): int
- + getLocationImage(): String
- + getPoints(): int
- + getName(): String
- + getMonsterResourceName(): String
- + getScannedCodeDID(): String
- + getDistance(): double
- + setDistance(distance: double)