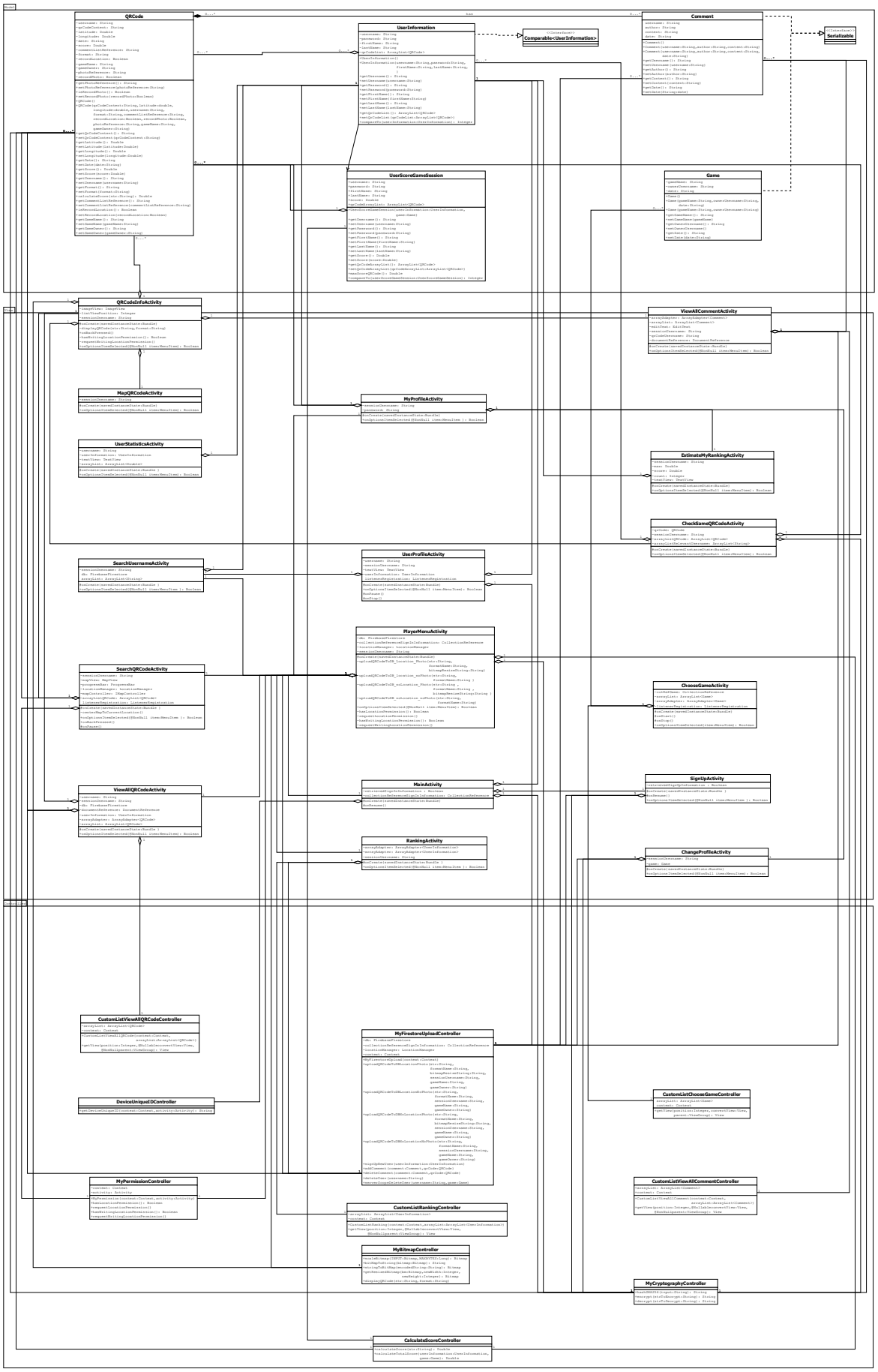
QRCode
-username: String
-photoReference: String
-latitude: Double
-longitude: Double
-date: String
-score: Double
-commentListReference: String
-format: String
-isLocation: Boolean
-gameName: String
-gameOwner: String
-photoReference: String
-recordPhoto: Boolean
+getPhotoReference() : String
+setPhotoReference(photoReference:String)
+isRecordPhoto() : Boolean
+setRecordPhoto(recordPhoto:Boolean)
+QRCode()
+QRCode(pQCodeContent:String,latitude:double,
longitude:double,username:String,
format:String,commentListReference:String,
recordLocation:Boolean,recordPhoto:Boolean,
photoReference:String,gameName:String,
gameOwner:String)
+getQCodeContent() : String
+setQCodeContent(pQCodeContent:String)
+getLatitude() : Double
+setLatitude(latitude:Double)
+getLongitude() : Double
+setLongitude(longitude:Double)
+getDate() : String
+setDate(date:String)
+getScore() : Double
+setScore(score:Double)
+getUsernam() : String
+setUsernam(username:String)
+getFormat() : String
+setFormat(format:String)
+getCommentCount() : Double
+getCommentListReference() : String
+setCommentListReference(commentListReference:String)
+isRecordLocation() : Boolean
+setRecordLocation(recordLocation:Boolean)
+getGameName() : String
+setGameName(gameName:String)
+getGameOwner() : String
+setGameOwner(gameOwner:String)
UserInformation
-username: String
-password: String
-firstName: String
-lastName: String
-qrCodeList: ArrayList<QRCode>
+UserInformation()
+UserInformation(username:String,password:String,
firstName:String,lastName:String,
)
+getUsernam() : String
+setUsernam(username:String)
+getPassword() : String
+setPassword(password:String)
+getFirstName() : String
+setFirstName(firstName:String)
+getLastName() : String
+setLastName(lastName:String)
+getQrCodeList() : ArrayList<QRCode>
+setQrCodeList(qrCodeList:ArrayList<QRCode>)
+compareToUserInformation(thisInformation) : Integer
<Interface>
Comparable<UserInformation>
Comment
-username: String
-content: String
-content: String
-date: String
+Comment()
+Comment(username:String,author:String,content:String)
+Comment(username:String,author:String,content:String,
date:String)
+getUsernam() : String
+setUsernam(username:String)
+getAuthor() : String
+setAuthor(author:String)
+getContent() : String
+setContent(content:String)
+getDate() : String
+setDate(date:String)
<Interface>
Serializable
UserScoreGameSession
-username: String
-password: String
-firstName: String
-lastName: String
-score: Double
-qrCodeArrayList: ArrayList<QRCode>
+UserScoreGameSession(userInformation:UserInformation,
gameGame)
+getUsernam() : String
+setUsernam(username:String)
+getPassword() : String
+setPassword(password:String)
+getFirstName() : String
+setFirstName(firstName:String)
+getLastName() : String
+setLastName(lastName:String)
+getScore() : Double
+setScore(score:Double)
+getQrCodeArrayList() : ArrayList<QRCode>
+setQrCodeArrayList(qrCodeArrayList:ArrayList<QRCode>)
+getScoreQCode() : Double
+compareToUserScoreGameSession(thisScoreGameSession) : Integer
Game
-gameName: String
-ownerUsernam: String
-date: String
-score: Double
+Game()
+Game(gameName:String,ownerUsernam:String)
+Game(gameName:String,ownerUsernam:String,
date:String)
+Game(gameName:String,ownerUsernam:String)
+getGameName() : String
+setGameName(gameName)
+getGameOwnerUsernam() : String
+setGameOwnerUsernam()
+getDate() : String
+setDate(date:String)
QRCodeInfoActivity
-imageView: ImageView
-listPosition: Integer
-sessionUsernam: String
+onCreate(savedInstanceState:Bundle)
+displayQRCode(str:String,format:String)
+onPause()
+askWriteLocationPermission() : Boolean
+requestWriteLocationPermission()
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
ViewAllCommentActivity
-arrayAdapter: ArrayAdapter<Comment>
-commentArrayList: ArrayList<Comment>
-editText: EditText
-sessionUsernam: String
-qrCodeUsernam: String
-documentReference: DocumentReference
+onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
MapQRCodeActivity
-sessionUsernam: String
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
MyProfileActivity
-sessionUsernam: String
-password: String
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
UserStatisticsActivity
-username: String
-userInformation: UserInformation
-textView: TextView
-arrayList: ArrayList<Double>
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
EstimateMyRankingActivity
-sessionUsernam: String
-max: Double
-score: Double
-count: Integer
-textView: TextView
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
CheckSameQRCodeActivity
-qrCode: QRCode
-sessionUsernam: String
-arrayListQRCode: ArrayList<QRCode>
-arrayListReferenceUsernam: ArrayList<String>
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
SearchUsernameActivity
-sessionUsernam: String
-db: FirebaseFirestore
-arrayList: ArrayList<String>
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
UserProfileActivity
-username: String
-sessionUsernam: String
-textView: TextView
-userInformation: UserInformation
-listenerRegistration: ListenerRegistration
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
#onPause()
#onStop()
PlayerMenuActivity
-db: FirebaseFirestore
-collectionReferenceSignInInformation: CollectionReference
-locationManager: LocationManager
-sessionUsernam: String
#onCreate(savedInstanceState:Bundle)
+uploadQRCodeToDB_location_noPhoto(str:String,
formatName:String,
binaryRepresentationStringBinary)
+uploadQRCodeToDB_location_Photo(str:String ,
formatName:String)
+uploadQRCodeToDB_noLocation_Photo(str:String ,
binaryRepresentationStringString)
+uploadQRCodeToDB_noLocation_noPhoto(str:String,
formatName:String)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
+askLocationPermission() : Boolean
+requestLocationPermission()
+askWriteExternalStorePermission() : Boolean
+requestWriteExternalStorePermission()
SearchQRCodeActivity
-sessionUsernam: String
-mapView: MapView
-progressBar: ProgressBar
-locationManager: LocationManager
-topController: IMapController
-arrayList: ArrayList<QRCode>
-listenerRegistration: ListenerRegistration
#onCreate(savedInstanceState:Bundle)
#onresumeToCurrentLocation()
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
#onBackPressed()
#onPause()
ChooseGameActivity
-recyclerView: CollectionReference
-arrayList: ArrayList<Game>
-arrayAdapter: ArrayAdapter<Game>
-listenerRegistration: ListenerRegistration
#onCreate(savedInstanceState:Bundle)
#onStart()
#onStop()
+onOptionsItemSelected(item:MenuItem) : Boolean
ViewAllQRCodeActivity
-username: String
-sessionUsernam: String
-db: FirebaseFirestore
-documentReference: DocumentReference
-userInformation: UserInformation
-arrayAdapter: ArrayAdapter<QRCode>
-arrayList: ArrayList<QRCode>
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
MainActivity
-isLoginSignInInformation : Boolean
-collectionReferenceSignInInformation: CollectionReference
#onCreate(savedInstanceState:Bundle)
#onResume()
SignUpActivity
-isLoginSignInInformation : Boolean
#onCreate(savedInstanceState:Bundle)
#onResume()
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
RankingActivity
-arrayAdapter: ArrayAdapter<UserInformation>
-arrayAdapter: ArrayAdapter<UserInformation>
-arrayList: ArrayList<Double>
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
ChangeProfileActivity
-sessionUsernam: String
-name: Game
#onCreate(savedInstanceState:Bundle)
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
CustomListViewAllQRCodeController
-arrayList: ArrayList<QRCode>
-context: Context
+CustomListViewAllQRCode(context:Context,
arrayList:ArrayList<QRCode>)
+getView(position:Integer,@NullableconvertView:View,
@NonNullparent:ViewGroup) : View
MyFirestoreUploadController
-db: FirebaseFirestore
-collectionReferenceSignInInformation: CollectionReference
-locationManager: LocationManager
-context: Context
+MyFirestoreUpload(context:Context)
+uploadQRCodeToDBLocationPhoto(str:String,
formatName:String,
binaryRepresentationString:String,
sessionUsernam:String,
gameGame:String)
+uploadQRCodeToDBLocationNoPhoto(str:String,
formatName:String,
sessionUsernam:String,
gameGame:String,
binaryRepresentationString)
+uploadQRCodeToDBNoLocationPhoto(str:String,
formatName:String,
binaryRepresentationString:String,
sessionUsernam:String,
gameGame:String,
gameOwner:String)
+uploadQRCodeToDBNoLocationNoPhoto(str:String,
formatName:String,
sessionUsernam:String,
gameGame:String,
gameOwner:String)
+viewQrNewView(userInformation:UserInformation)
+addComment(comment:Comment,qrCode:QRCode)
+deleteComment(comment:Comment,qrCode:QRCode)
+deleteGame(username:String)
+searchingGameDatesGamesUsernam(String,gameGame)
CustomListChooseGameController
-arrayList: ArrayList<Game>
-context: Context
+getView(position:Integer,@NullableconvertView:View,
@NonNullparent:ViewGroup) : View
DeviceUniqueIDController
+getDeviceUniqueID(context:Context,activity:Activity) : String
MyPermissionController
-context: Context
-activity: Activity
+askPermission(context:Context,activity:Activity)
+askLocationPermission() : Boolean
+requestLocationPermission()
+askWriteExternalStorePermission() : Boolean
+requestWriteExternalStorePermission()
CustomListViewAllCommentController
-arrayList: ArrayList<Comment>
-context: Context
+CustomListViewAllComment(context:Context,
arrayList:ArrayList<Comment>)
+getView(position:Integer,@NullableconvertView:View,
@NonNullparent:ViewGroup) : View
CustomListRankingController
-arrayList: ArrayList<UserInformation>
-context: Context
+CustomListRanking(context:Context,arrayList:ArrayList<UserInformation>)
+getView(position:Integer,@NullableconvertView:View,
@NonNullparent:ViewGroup) : View
MyBitmapController
+scaleBitmap(INPUT:Bitmap,MAXSTRING):Bitmap
+bitMapToString(bitmap:Bitmap) : String
+stringToBitMap(encoded:String) : Bitmap
+scaleDownBitmap(bitmap,newWidth:Integer,
newHeight:Integer) : Bitmap
+displayQRCode(str:String,format:String)
MyCryptographyController
+decrypt(stuff:String) : String
+encrypt(stuffToEncrypt:String) : String
+decrypt(stuffDecrypt:String) : String
CalculateScoreController
-calculateScore(str:String) : Double
+calculateTotalScore(userInformation:UserInformation,
gameGame) : Double