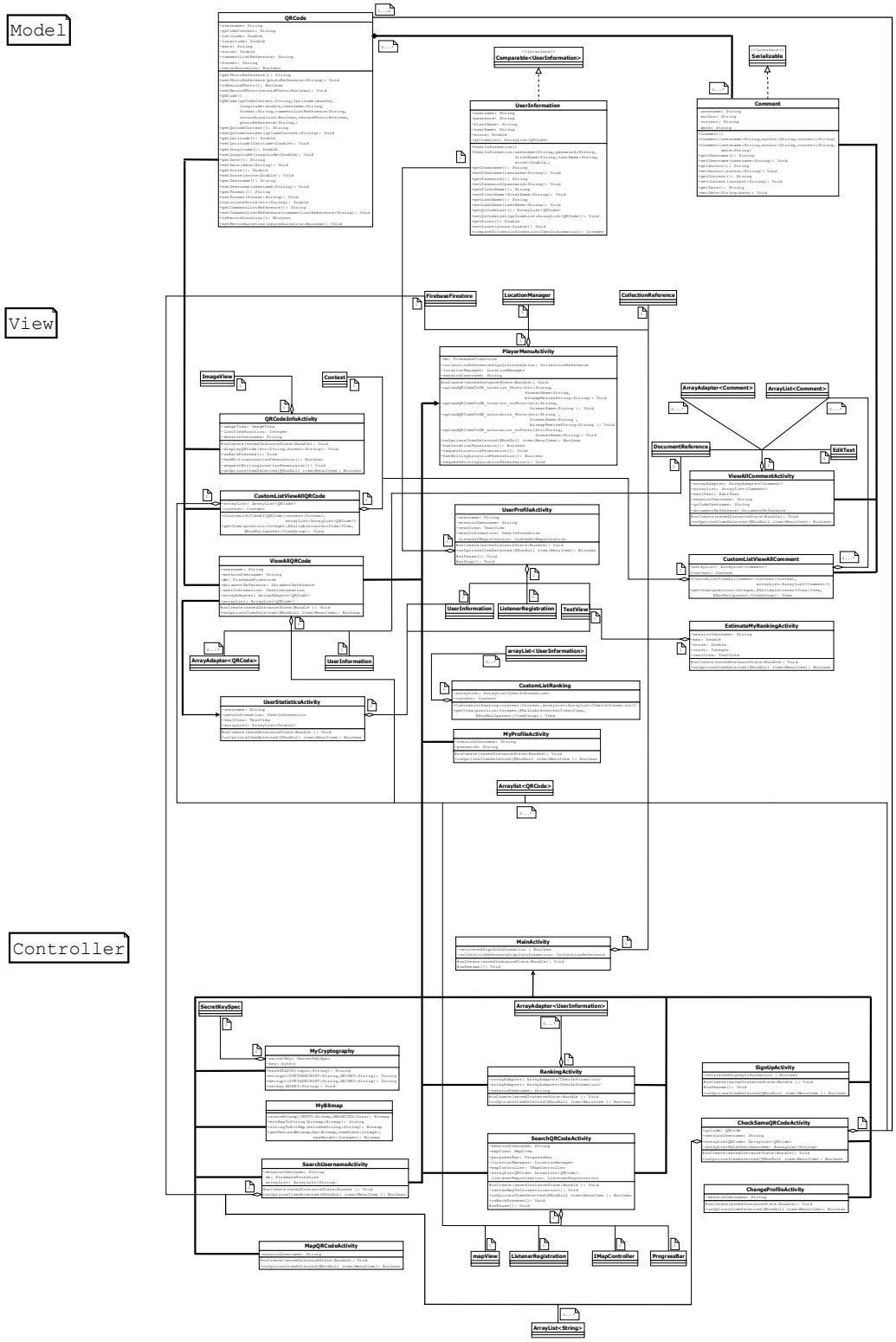
Model
View
Controller
QRCode
-uuesuser: String
-qrCodeContent: String
-latitude: Double
-longitude: Double
-date: String
-score: Double
-commentListReference: String
-format: String
-recordLocation: Boolean
+getPhotoReference() : String
+setPhotoReference(photoReference:String) : Void
+getRecordLocation() : Boolean
+setRecordPhoto(recordPhoto:Boolean) : Void
+QRCode()
+QRCode(qrCodeContent:String,latitude:double,
longitude:double,uuesuser:String,
format:String,commentListReference:String,
recordLocation:Boolean,recordPhoto:Boolean,
photoReference:String,)
+getQrCodeContent() : String
+setQrCodeContent(qrCodeContent:String) : Void
+getLatitude() : Double
+setLatitude(latitude:Double) : Void
+getLongitude() : Double
+setLongitude(longitude:Double) : Void
+getDate() : String
+setDate(date:String) : Void
+getScore() : Double
+setScore(score:Double) : Void
+getUuesuser() : String
+setUuesuser(uuesuser:String) : Void
+getFormat() : String
+setFormat(format:String) : Void
+calculateScore(date:String) : Double
+getCommentListReference() : String
+setCommentListReference(commentListReference:String) : Void
+isRecordLocation() : Boolean
+setRecordLocation(recordLocation:Boolean) : Void
<< Interface >>
Comparable<UserInformation>
<< Interface >>
Serializable
UserInformation
-uuesuser: String
-password: String
-firstName: String
-lastName: String
-score: Double
-qrCodeList: ArrayList<QRCode>
+UserInformation()
+UserInformation(uuesuser:String,password:String,
firstName:String,lastName:String,
score:Double,)
+getUuesuser() : String
+setUuesuser(uuesuser:String) : Void
+getPassword() : String
+setPassword(password:String) : Void
+getFirstName() : String
+setFirstName(firstName:String) : Void
+getLastName() : String
+setLastName(lastName:String) : Void
+getQrCodeList() : ArrayList<QRCode>
+setQrCodeList(qrCodeList:ArrayList<QRCode>) : Void
+getScore() : Double
+setScore(score:Double) : Void
+compareTo(uesrInformation:UserInformation) : Integer
Comment
-uuesuser: String
-author: String
-content: String
-date: String
+Comment()
+Comment(uuesuser:String,author:String,content:String)
+Comment(uuesuser:String,author:String,content:String,
date:String)
+getUuesuser() : String
+setUuesuser(uuesuser:String) : Void
+getAuthor() : String
+setAuthor(author:String) : Void
+getContent() : String
+setContent(content:String) : Void
+getDate() : String
+setDate(date:String) : Void
FirebaseFirestore
LocationManager
CollectionReference
PlayerMenuActivity
-db: FirebaseFirestore
-collectionReferenceSignInInformation: CollectionReference
-locationManager: LocationManager
-mainUuesuser: String
+onCreate(savedInstanceState:Bundle) : Void
+uploadQRCodeToDB_location_Photo(location:Long,
fileNameSuffix:String,
bitmapBeaseEncodingString):Void
+uploadQRCodeToDB_location_noPhoto(location:String,
fileNameSuffix:String) : Void
+uploadQRCodeToDB_noLocation_Photo(location:String ,
fileNameSuffix:String ,
bitmapBeaseEncodingString) : Void
+uploadQRCodeToDB_noLocation_noPhoto(location:String
fileNameSuffix:String) : Void
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
-hasLocationPermission() : Boolean
-requestLocationPermission() : Void
-hasWriteGalleryPermission() : Boolean
-requestWriteGalleryPermission() : Void
ImageView
Context
QRCodeInfoActivity
-imageView: ImageView
-listViewPosition: Integer
-mainUuesuser: String
#onCreate(savedInstanceState:Bundle): Void
+getPhotoFromDB(location:Long,format:String) : Void
+onBackPressed() : Void
-hasWriteGalleryPermission() : Boolean
-requestWriteGalleryPermission() : Void
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
CustomListViewAllQRCode
-arrayList: ArrayList<QRCode>
-context: Context
+CustomListViewAllQRCode(context:Context,
arrayList:ArrayList<QRCode>)
+getView(position:Integer,@Nullable convertView:View,
@NonNull parent:ViewGroup): View
ViewAllQRCode
-uuesuser: String
-mainUuesuser: String
-db: FirebaseFirestore
-documentReference: DocumentReference
-userInformation: UserInformation
-arrayAdapter: ArrayAdapter<QRCode>
-arrayList: ArrayList<QRCode>
#onCreate(savedInstanceState:Bundle) : Void
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
ArrayAdapter<QRCode>
UserInformation
UserProfileActivity
-uuesuser: String
-mainUuesuser: String
-countView: TextView
-userInformation: UserInformation
-listenerRegistration: ListenerRegistration
#onCreate(savedInstanceState:Bundle): Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
#onPause():: Void
#onStop():: Void
UserInformation
ListenerRegistration
TextView
ArrayAdapter<Comment>
ArrayList<Comment>
DocumentReference
EditText
ViewAllCommentActivity
-arrayAdapter: ArrayAdapter<Comment>
-arrayList: ArrayList<Comment>
-editText: EditText
-mainUuesuser: String
-qrCodeUuesuser: String
-documentReference: DocumentReference
#onCreate(savedInstanceState:Bundle): Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
CustomListViewAllComment
-arrayList: ArrayList<Comment>
-context: Context
+CustomListViewAllComment(context:Context,
arrayList:ArrayList<Comment>)
+getView(position:Integer,@Nullable convertView:View,
@NonNull parent:ViewGroup): View
EstimateMyRankingActivity
-mainUuesuser: String
-mean: Double
-score: Double
-count: Integer
-textView: TextView
#onCreate(savedInstanceState:Bundle): Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
arrayList<UserInformation>
CustomListRanking
-arrayList: ArrayList<UserInformation>
-context: Context
+CustomListRanking(context:Context,arrayList:ArrayList<UserInformation>)
+getView(position:Integer,@Nullable convertView:View,
@NonNull parent:ViewGroup): View
UserStatisticsActivity
-uuesuser: String
-userInformation: UserInformation
-textView: TextView
-arrayList: ArrayList<Double>
#onCreate(savedInstanceState:Bundle) : Void
+onOptionsItemSelected(@NonNull item:MenuItem) : Boolean
MyProfileActivity
-mainUuesuser: String
-uuesuser: String
#onCreate(savedInstanceState:Bundle): Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
ArrayList<QRCode>
MainActivity
-retrieveSignInInformation : Boolean
-collectionReferenceSignInInformation: CollectionReference
#onCreate(savedInstanceState:Bundle): Void
#onResume():: Void
SecretKeySpec
ArrayAdapter<UserInformation>
MyCryptography
-secretKey: SecretKeySpec
-key: byte[]
+hashMD5(input:String): String
+encrypt(STRTOENCRYPT:String,SECRET:String): String
+decrypt(STRTODECRYPT:String,SECRET:String): String
+encrypt(MYKEY:String): Void
RankingActivity
-arrayAdapter: ArrayAdapter<UserInformation>
-arrayAdapter: ArrayAdapter<UserInformation>
-mainUuesuser: String
#onCreate(savedInstanceState:Bundle) : Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
SignUpActivity
-retrieveSignUpInformation : Boolean
#onCreate(savedInstanceState:Bundle) : Void
#onResume():: Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
MyBitmap
+toJsonString(BOOT:String,MAXTEXT:Long) : Bitmap
+bitMapToString(bitmap:Bitmap): String
+getResizedBitmap(image:Bitmap,maxSize:Int) : Bitmap
+getResizedBitmap(bitmap:Bitmap,newWidth:Integer,
newHeight:Integer) : Bitmap
CheckSameQRCodeActivity
-qrCode: QRCode
-mainUuesuser: String
-arrayListQRCode: ArrayList<QRCode>
-arrayListReferenceUuesuser: ArrayList<String>
#onCreate(savedInstanceState:Bundle): Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
SearchUsernameActivity
-mainUuesuser: String
-db: FirebaseFirestore
-arrayList: ArrayList<String>
#onCreate(savedInstanceState:Bundle): Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
SearchQRCodeActivity
-mainUuesuser: String
-db: FirebaseFirestore
-progressBar: ProgressBar
-locationManager: LocationManager
-mapController: IMapController
-arrayListQRCode: ArrayList<QRCode>
-listenerRegistration: ListenerRegistration
#onCreate(savedInstanceState:Bundle): Void
-checkMapPermission():: Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
+onBackPressed() : Void
#onPause():: Void
ChangeProfileActivity
-mainUuesuser: String
#onCreate(savedInstanceState:Bundle): Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
MapQRCodeActivity
-mainUuesuser: String
#onCreate(savedInstanceState:Bundle): Void
+onOptionsItemSelected(@NonNull item:MenuItem): Boolean
mapView
ListenerRegistration
IMapController
ProgressBar
ArrayList<String>