

UserInformationModel	
<ul style="list-style-type: none">• Represents the basic information of a user• Has the username, password, firstname, lastname, score, QRCode	<ul style="list-style-type: none">• CommentModel• QRCodeModel
CommentModel	
<ul style="list-style-type: none">• Represents the comment by user to a QRCode• Has the date, author, content of the comment	<ul style="list-style-type: none">• QRCodeModel• UserInformationModel
QRCodeModel	
<ul style="list-style-type: none">• Represents the scannable code• Has the comment, location, score relating to the code	<ul style="list-style-type: none">• UserInformationModel• CommentModel• MyCryptographyController
CustomListRankingController	
<ul style="list-style-type: none">• Custom adapter for showing all the ranking of the players based on total score	<ul style="list-style-type: none">• RankingAcitivityView

CustomListviewAllCommentController	
• Custom adapter for showing all the comment of a QR Code	• ViewAllCommentActivityView
CustomListViewAllQRCodeController	
• Custom adapter for showing all the QR codes of the user	• ViewAllQRCodeActivityView
CalculateScoreController	
• Calculate the score from the QRCode	• QRCodeModel
MyBitmapController	
• Resize the photo	
MyCryptographyController	
• Hash the input into a string • Encrypt/decrypt the string	

MyFirestoreUploadController	
<ul style="list-style-type: none">• Upload the data to the Firestore database• Manage the database	<ul style="list-style-type: none">• QRCodeModel• CommentModel
MyPermissionController	
<ul style="list-style-type: none">• Manage interaction for asking the permission	
MainActivityView	
<ul style="list-style-type: none">• Represents the main activity of the app• Interface for user to log in/sign up	<ul style="list-style-type: none">• MyCryptographyController• SignupActivityView• UserInformationModel• PlayerMenuActivityView

PlayerMenuActivityView		
<ul style="list-style-type: none">Interface showing the main menu for the app, with five buttons represent five major features of the app.		<ul style="list-style-type: none">SearchQRCodeActivityViewRankingActivityViewSearchUsernameActivityViewMyProfileActivityViewViewAllQRCodeActiviyViewSearchQRCodeActivityViewSearchUsernameActivityViewMyBitMapControllerMyCryptographyControllerCalculateScoreController
RankingAcitivityView		
<ul style="list-style-type: none">Showing the ranking of the player by their total score		<ul style="list-style-type: none">PlayerMenuActivityViewCustomListRankingControllerMyFirestoreUploadControlelrUserInfoationModelPlayerProfileActivityView

SearchQRCodeActivityView	
<ul style="list-style-type: none">Interface for player to search for QRCode from the map	<ul style="list-style-type: none">PlayerMenuActivityViewMyPermissionControllerQRCodeModelUserInfoInformationModelQRCodeInfoActivityView
SearchUsernameActivityView	
<ul style="list-style-type: none">Interface for player to search for other player	<ul style="list-style-type: none">PlayerMenuActivityViewUserInfoInformationModelUserProfileActivityView
SignupActivityView	
<ul style="list-style-type: none">Interface for player to sign up for the app	<ul style="list-style-type: none">MainActivityViewMyFirestoreUploadControllerMyCryptographyControllerUserInfoInformationModelPlayerMenuActivityView

ChangeProfileActivityView	
<ul style="list-style-type: none">Interface for player wanting to change the profile	<ul style="list-style-type: none">MyProfileActivityViewMyFirestoreUploadControllerMyCryptographyController
EstimateMyRankingActivityView	
<ul style="list-style-type: none">Interface showing the estimate ranking of the player in terms of Max score, Min score, Total score, the number of QR Code	<ul style="list-style-type: none">MyProfileActivityViewUserInfoModel
MyProfileActivityView	
<ul style="list-style-type: none">Interface showing the information of the playerShowing option if player wants to change the profile or generate the QRCode	<ul style="list-style-type: none">EstimateMyRankingActivityViewChangeProfileActivityViewPlayerMenuActivityViewQRCodeModelUserInfoModel

CheckSameQRCodeActivityView	
<ul style="list-style-type: none">Interface to see the list of other players if they have the same QRCode	<ul style="list-style-type: none">QRCodeInfoActivityViewMyCryptographyViewQRCodeModelUserInfoationModel
MapQRCodeActivityView	
<ul style="list-style-type: none">Displays the location of the QR Code on a map	<ul style="list-style-type: none">QRCodeModelQRCodeInfoActivityView
QRCodeInfoActivityView	
<ul style="list-style-type: none">Interface showing the information of the QRCodeInterface for viewing the Photo of the QRCode (If there is)	<ul style="list-style-type: none">CheckSameQRCodeActivityViewViewAllCommentActivityViewMapQRCodeActivityViewMyPermissionControllerMyBitmapControllerQRcodeModel

UserProfileActivityView		
<ul style="list-style-type: none">Interface showing the profile of the user		<ul style="list-style-type: none">UserInformationModelMyFirestoreUploadControllerViewAllQRCodeActivityViewRankingActivityViewSearchUsernameActivityView
ViewAllCommentActivityView		
<ul style="list-style-type: none">Interface showing all the comment of the QRCode		<ul style="list-style-type: none">CustomListviewAllCommentControllerMyFirestoreUploadControllerCommentModelQRCodeModel
UserStatisticsActivityView		
<ul style="list-style-type: none">Showing the statistics of the QRCode that player scanned		<ul style="list-style-type: none">ViewAllQRCodeActivityViewUserInformationModelQRCodeModel

ViewAllQRCodeActivityView

- Displays all the QRCode that player scanned

- UserStatisticActivityView
- PlayerMenuActivityView
- CustomListViewAllQRCodeController
- MyFirestoreUploadController
- QRCodeModel
- UserInformationModel
- QRCodeInfoActivityView