«Extends AppCompatActivity» BaseActivity # nav: BottomNavigationView + onCreate(savedInstanceStateL Bundle): + goToLogin(): # doNavigation(): # setChecked(item: int): goToMessages(): goToSendFiles(): goToRecvFiles(): goToMySentFiles(): goToHome():

Utils

+ getUserFromEmail(email: String, cb: Callback):

· instance: Utils

+ getInstance(): Utils

+ onSuccess(data: Map<String, Object>, message: String): + onFailure(error: String, errorCode: MyError.ErrorCode: **AbstractClass** StringCallBack + onSuccess(data: String, message: String)" + onFailure(error: String, errorCode: MyErrorCode):

AbstractClass

CallBack

«Extends dbUser» User + User(email: String, name: String, notificationToken: + getId(): String

FileModel fileName: String format: String path: String url: String agreement: dbAgreement owner: dbUser + FileModel(): + FileModel(fileName: String, format: String, path: String, url: String): + getPath(): String + setPath(path: String): + serUrl(url: String): + getFormat(): String + setFormat(format: String): + getFileName(): String + setFileName(fileName: String): + setAgreement(agreement: dbAgreement): + getOwner(): dbUser + setOwner(owner: dbUser): + isAllDataRetrieved(): boolean

- file: File

+ MyFile():

+ getFile(): File

+ getUri(): Uri

+ setUri(Uri: fileUri):

+ displayError(message: String): + displaySuccess(message: String): «Extends RecyclerView.ViewHolder» Holder + main: TextView + imgButton: ImageButton + userName: TextView + cbUser: Callback + cbFile: Callback + Holder(itemView: View): + setCallBacks(): + setLoading(): AbstractClass

Filter<T>

MyError

+ ErrorCode: enum

+ MyError(ctx: Context):

MyFile + filter(arr: ArrayList<T>: filePath: String - fileName: String - fileUri: Uri + setFilepath(filepath: String): + setFilename(filename: String):

+ uploadToFirebase(userIDSent: String, userIDRecieve: String):

RecyclerHolder + mTextBtnListener: RecyclerViewClickListener + mPopUpListener: RecyclerViewClickListener + joinedFileInfo: FileModel + txtbtnFileName: TextView + btnHamburger: ImageButton + txtOwner: TextView + txtDate: TextView + cbOwner: CallBack + cbFile: CallBack + RecyclerHolder(itemView: View, txtbtnlistner: RecyclerViewClickListener, popuplistener: RecyclerViewClickListener): + onClock(view: View): + setLoading(): - setCallbacks():

id: String

«Extends RecyclerView.ViewHolder»

SingleSentFile	
- docID: String	
fileID: StringuserID: String	
- validUntil: Date	
- ownerID: String	
<pre>+ getFileID(): String + setFileID(fileID: String): + getUserID(): String + setUserID(userID: String): + getValidUntil(): Date + setValidUntil(validUntil: Date): + getOwnerID(): String</pre>	
<pre>+ getOwnerID(): String + setOwnerID(ownerID: String):</pre>	
+ SingleSentFile():	
+ SingleSentFile(fileID: String, user + getDocID(): String	rID: String, validUntil: Date, ownerID: String, docID: String