Arrows show the interaction of the classes

MainActivity interacts with all the classes in the Presentation Layer.

PRESENTATION LAYER BUSINESS LOGIC LAYER PERSISTENCE LAYER

DataInterface.java

NoteInterface.java

TextNotePL.java

DataBaseHelper.java

PhotoNoteBL.java

ClickableImageBL.java

HandwritingBL.java

TextNoteBL.java

TextNoteWrapper.java

PhotoNoteUI.java

NoteTaker.java

MainActivity.java

HandwritingUI.java

HandwritingView.java

NoteListAdapter.java

CheckList.java

DATABASE

DataInterface is implemented by DataBaseHelper as well as TextNotePL(contains the stub database-arraylist)

Note is the domain object which mainly interacts with Notetaker.java, TextNoteBL.java and TextNotePL.java

Android Libraries

1) PhotoNoteBL -> android.provider.MediaStore

: MediaStore to access jpg files stored in the device storage to use it as type Bitmap for ImageView

2) HandwritingView.java -> Android.graphics, Android.view.MotionEvent

: Android.graphics classes (Bitmap, Canvas, Color, Paint, Path) are used for the actual drawing/writing when user presses and moves across drawing space. Android.view.MotionEvent detects this movement

3)MainActivity.java-> Imported Android Activity, uri, and content.Intent

4) PDFviewer uses a third party pdf reader to view the pdf like adobe reader.