

What design patterns did you use inside the application?

**Tabbed Activity with navigation style of Action Bar Tabs was the design to switch between Notes and Tasks.**

**ListFragments were used to show the list of notes and task each with their own listviews.**

**Custom Dialog and Alert Dialog were used to interact with users in order to create, update and delete.**

**The color palette used in the project can be seen at <http://www.materialpalette.com/blue-grey/indigo>.**

What libraries did you use?

Why did you use this library?

Are there other libraries available?

If yes, what made you choose this library over the others?

**Sqlite library was used as the database which stored the notes and tasks.**

**This was chosen due to familiarity and can perform the specifications efficiently.**

**Plus Sqlite is already part of the Android environment. There's no need to add it in.**

**There are other ways to store data but Sqlite is the best fit for the app.**

What major challenges did you encounter when making the app?

**Other than the design, since I am more of a back-end developer. Dealing with fragments is always a challenge. :)**

If you had more time, what additional features would you like to add?

**I would like to add settings where the user can change the font, order displays, etc. of the list.**

**Also multiple item selection and a delete all function can be added.**

The app consists of two major activities:

- a note-taking activity that accepts a title and text for one or more notes

- a TODO tracking activity that accepts an entry, with a checkbox to show whether this entry has been done or not done

**The app has a note taking and TODO tracking activity. Users can add using the blue button with a plus sign at the right bottom of the screen.**

The app should have a user interface that allows for easy access between the note-taking and TODO tracking activities as well as to see their details at a glance.

**The user can swipe in between fragments to see all the details of the notes and TODOs at a glance.**

The note-taking activity should provide a view for its notes in a reverse-chronological order, with options for updating and deleting old notes.

**A list is provided to show all notes in a reverse chronological order (newest first).**

**Clicking the items will show the user all the details of the notes and will have the option to delete and update the notes.**

The TODO-tracking activity should provide a view for its entries with options for updating and deleting old TODOs.

**A list is provided to show all TODOs in chronological order (oldest first).**

**Clicking the items will show the user all the details of the TODOs and will have the option to delete and update the TODOs.**

The app should make it easy to switch between the note-taking and TODO-tracking activities.

**Switching between the activities can be done by clicking the tabs at the top or by swiping.**

The app should make it easy to switch a note to a TODO entry, and vice versa.

**The user can to switch a note to a TODO entry, and vice versa by doing a long press on an item on the list.**

The release APK of the app should take up no more than 3MB of disk space.

**The release APK is about 1.6MB of disk space.**