

# My Notes

## **Problem Statemen:**

In Play Store the best note making app does not provide image to text recognition followed by text to speech recognition. Currently most of the apps support only speech to text recognition thus requiring integration of different apps for obtaining the above-mentioned features. The main aim of this app is to make a seamless note making app loaded with all the features mentioned above and more.

## **Features:**

### **1.Custom RecyclerView**

Custom made recycler view used to make a one of a kind interfaces lists for the user with the Title of the note, the note itself, and the last edited Date and time all in one interface.

### **2.Image to Text recognition with Capture Photo within the App**

Best practices used to enable image to text recognition with help of firebase Api, with a enabled feature to take the photo within the app itself thus eliminating the use of any third party application in any part of process, and enabling the user to make notes without anything else but a click.

### **3.Speech to Text enabled**

Google speech to text editor Api is used enabling the user to make notes while speaking and nothing else

### **4.Text to speech enabled helping the differently enabled**

This app is made such that the people from all walks of life be benefited, hence a Text to speech button is provided in the notes activity which when pressed will convert whatever text written, to speech.

### **5.Last edited time and date will be provided for every note dynamically**

Last edited time and date is provided using SimpleDateFormat which will change to contemporary date and time upon editing a note dynamically.

### **6.Archive Folder provided to segregate important notes**

An Archive folder is provided which can receive notes from the main Activity to segregate your important notes

### **7.Swipe Gestures Enabled to delete and put your notes in Archive Folder**

Swipe Gestures can be used to delete unwanted notes or put your notes in the Archive folder  
Left swipe to put the note in the Archive Folder, and Right swipe to delete

### **8.Floating Buttons used**

Floating button add is used for a better user experience thus making the addition of new notes seamless.

### **9.Privacy and Data protection, usage of Shared Preferences**

No database is made or uploaded by the app and data is stored in shared preferences (string set) and aligned using an object serializer class. Hence the data of the user is stored locally thus providing utmost privacy to users' data.

### **10.SnackBar provided to undo insertion or deletion action by user**

### **11.UnSpecified gestures handled**

If a note tab is already open the user has to double click if the user wishes to open another note tab at the same time, thus preventing mistake touches in the app.

### **Target Audience**

Since the app is equipped and loaded with features like Image to text, speech to text, Text to speech the app reaches to people from all walks of life including the differently abled.

### **App Photo**

