Music App User :-

Activities :-

A)MainActivity(home screen functions)

B)MusicAlbumActivity(after buy,and promo album functions)

C)RegistrationActivity(phone number verification functions)

A)MainActivity :-

1) used firebase database for storing and retriving data

2)addToArrayListFromFirebaseReference() :

It will load all albums and add to reclyerview to display from adaptForAlbums adapter.

1. displaymessage() to display toast message
2. updateRozerpayApiKeyID() to get updated rozerpay API keyID from firebase database
3. setBuyStatusFromDatabase() to check is the album is alreay bought or not not and change layout to “not bought album“ to “ already bought “ dynamically.
4. startPayment() to pay using rozerpay
5. onPaymentSuccess() if payment success
6. onPaymentError() if payment failed

B)MusicAlbumActivity :

1. used firebase database for storing and retriving data
2. Dynamic instantiating from promo,full album in same activity in oncreate.
3. loadFromFirebase() to load albums and attact to reclyclerview through adapterForSingleAlbumSongs adatper.
4. pauseSong\_accesible() to pause song
5. playSong\_accessible() to playsong
6. onSupportNavigateUp() to close activity
7. onBufferingUpdate() to update seekbar when song playing
8. onCompletion() when song completion.
9. onInfo() for buffer check
10. updateSeekProgress() for updating
11. Player async task class for song playing .

C)RegistrationActivity :

phone number verification unsing firebase auth.

Models :-

1. Albums for albums from firebase
2. Albumistener for onclick on buy,view promo,view album clicks.
3. SingleAlbumProvider for songs list providing
4. singleSong for single song firebase loading to arraylist of songs.
5. SongListener for play pause songs.