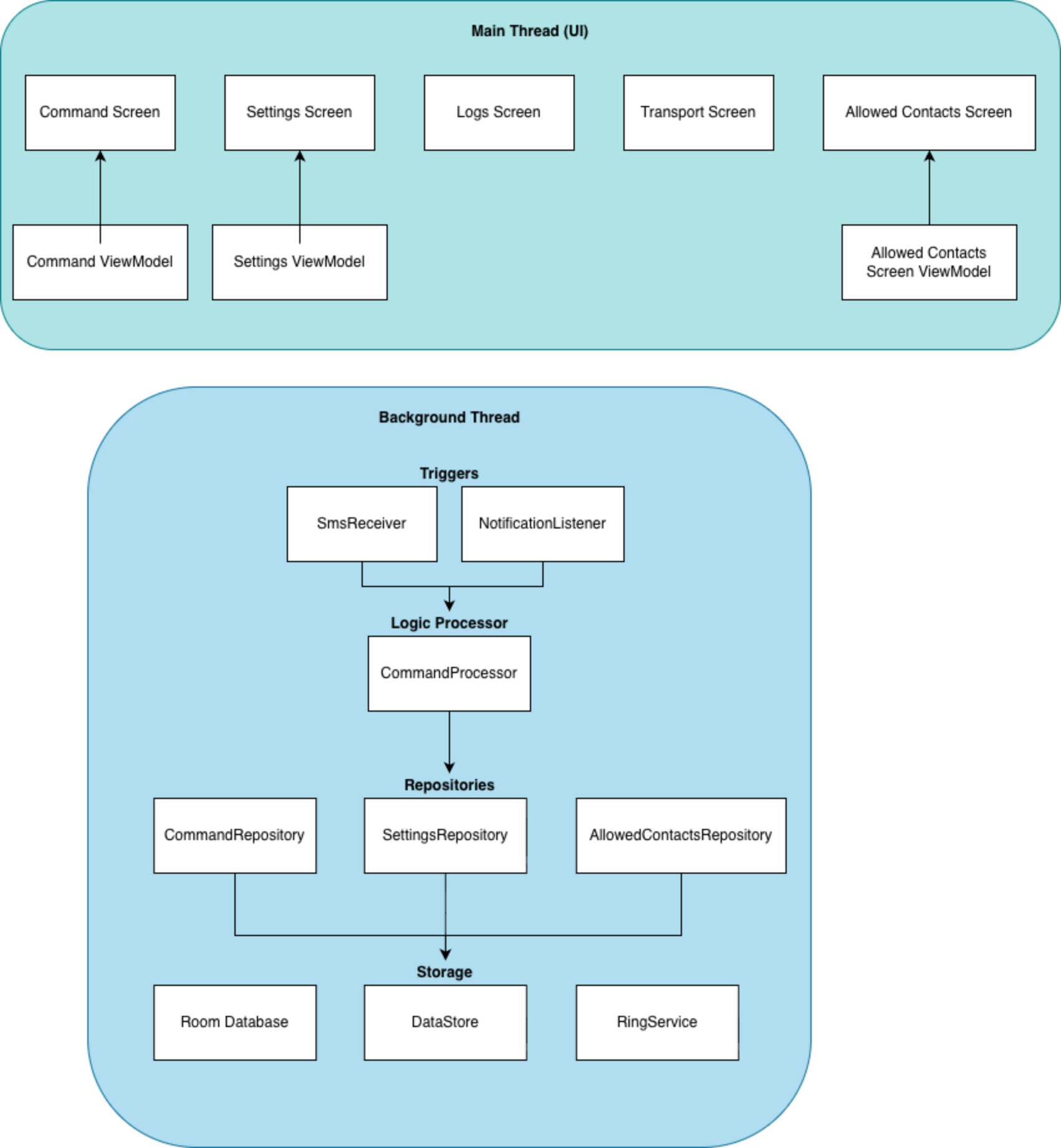
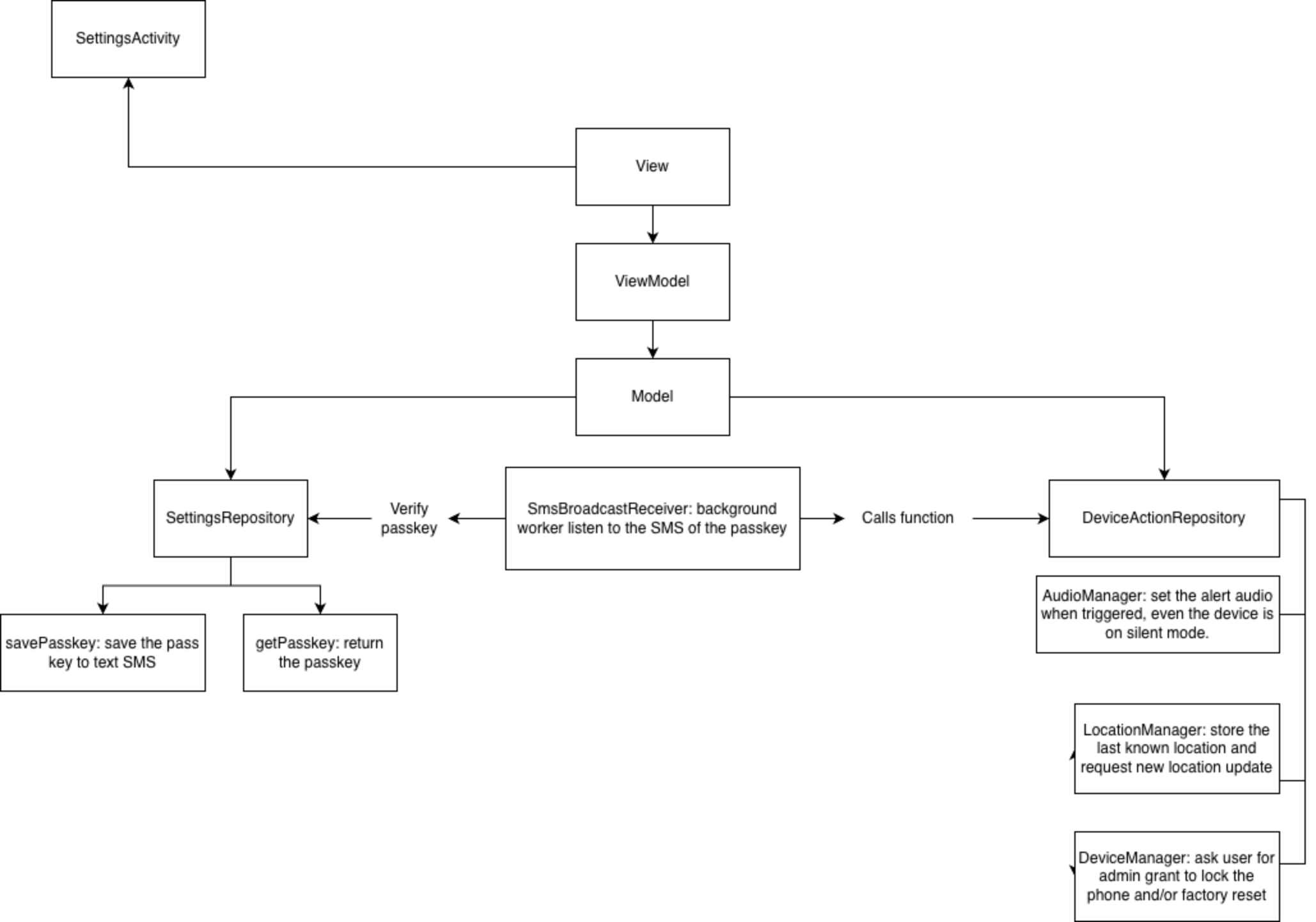

Main Thread (UI)
Command Screen
Settings Screen
Logs Screen
Transport Screen
Allowed Contacts Screen
Command ViewModel
Settings ViewModel
Allowed Contacts Screen ViewModel
Background Thread
Triggers
SmsReceiver
NotificationListener
Logic Processor
CommandProcessor
Repositories
CommandRepository
SettingsRepository
AllowedContactsRepository
Storage
Room Database
DataStore
RingService


SettingsActivity
View
ViewModel
Model
SettingsRepository
Verify passkey
SmsBroadcastReceiver: background worker listen to the SMS of the passkey
Calls function
DeviceActionRepository
savePasskey: save the pass key to text SMS
getPasskey: return the passkey
AudioManager: set the alert audio when triggered, even the device is on silent mode.
LocationManager: store the last known location and request new location update
DeviceManager: ask user for admin grant to lock the phone and/or factory reset