

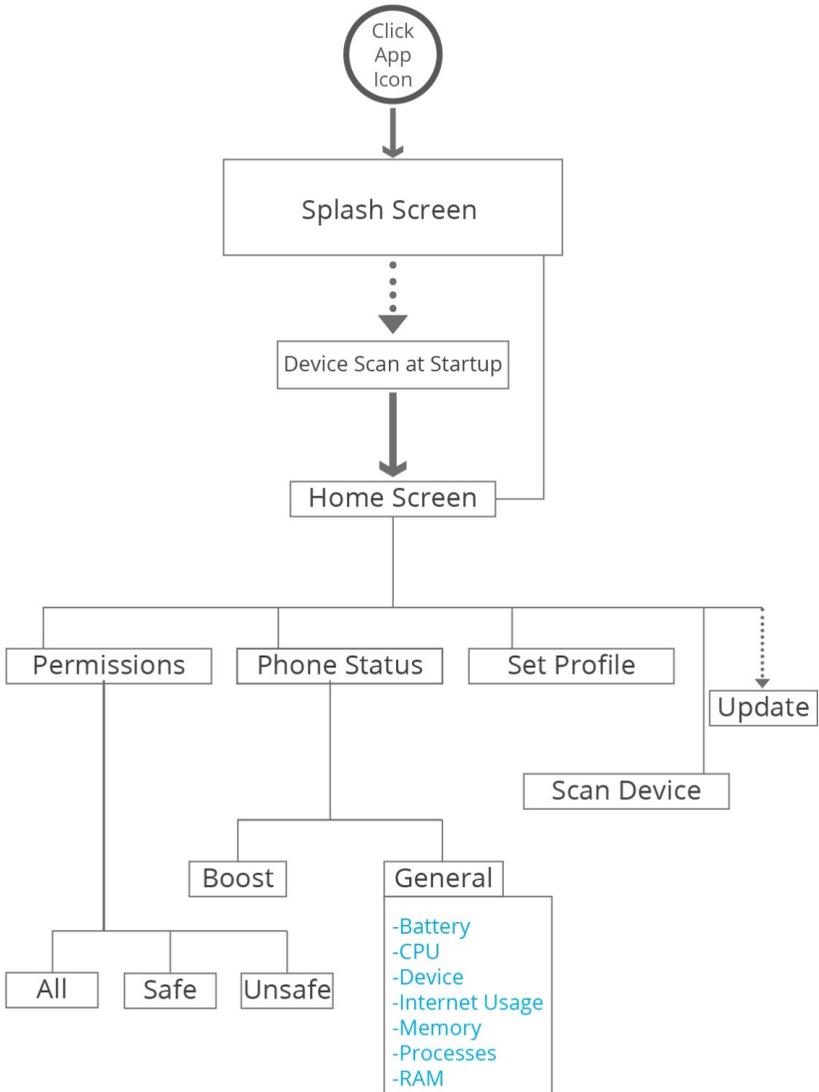


# GUI for UnHack

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# Flow Diagram



# Spalsh Screen

Scans the device at startup



3G

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# UnHack



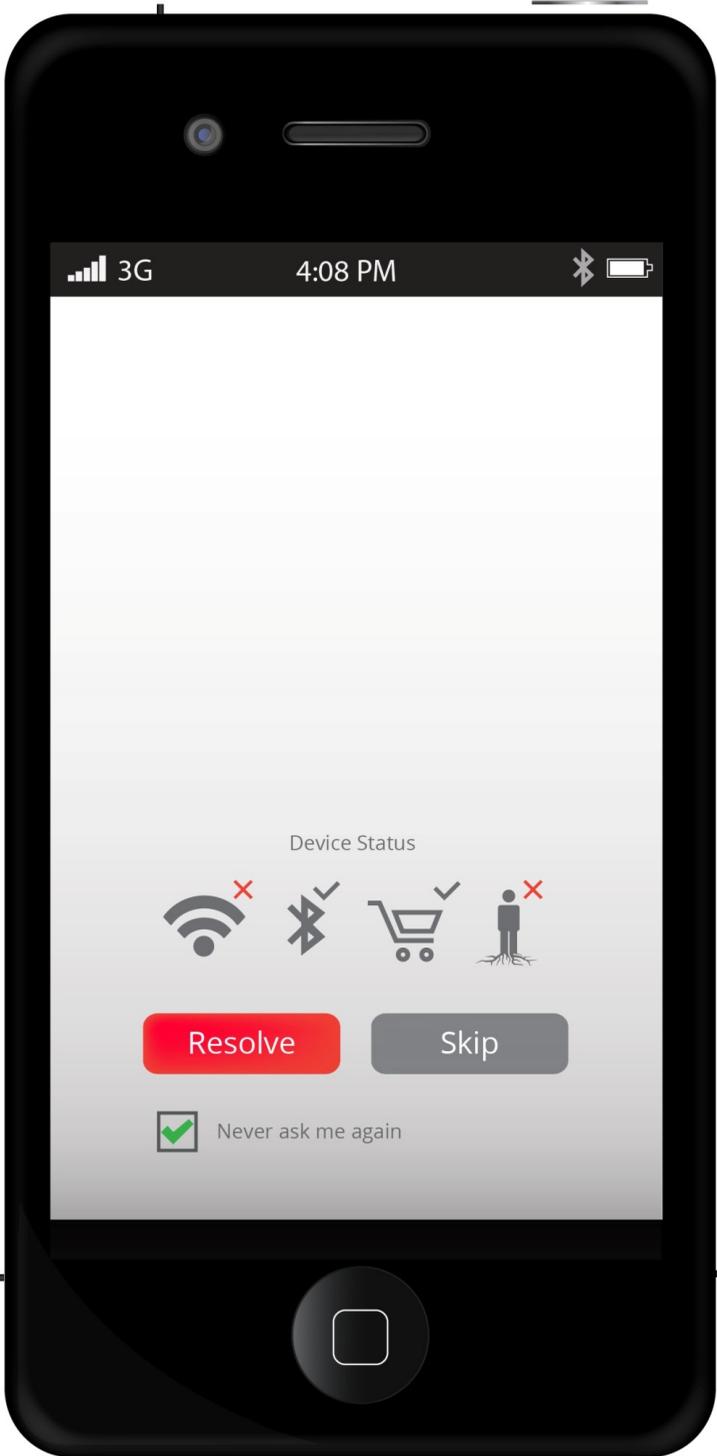
Device Status



# Device Scan at Startup

Asks the user to resolve issues if any with his device.

The GUI also has an option to **skip** resolving the issues and also an option of **never asking** for the same reply again.



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Device Status



Resolve

Skip



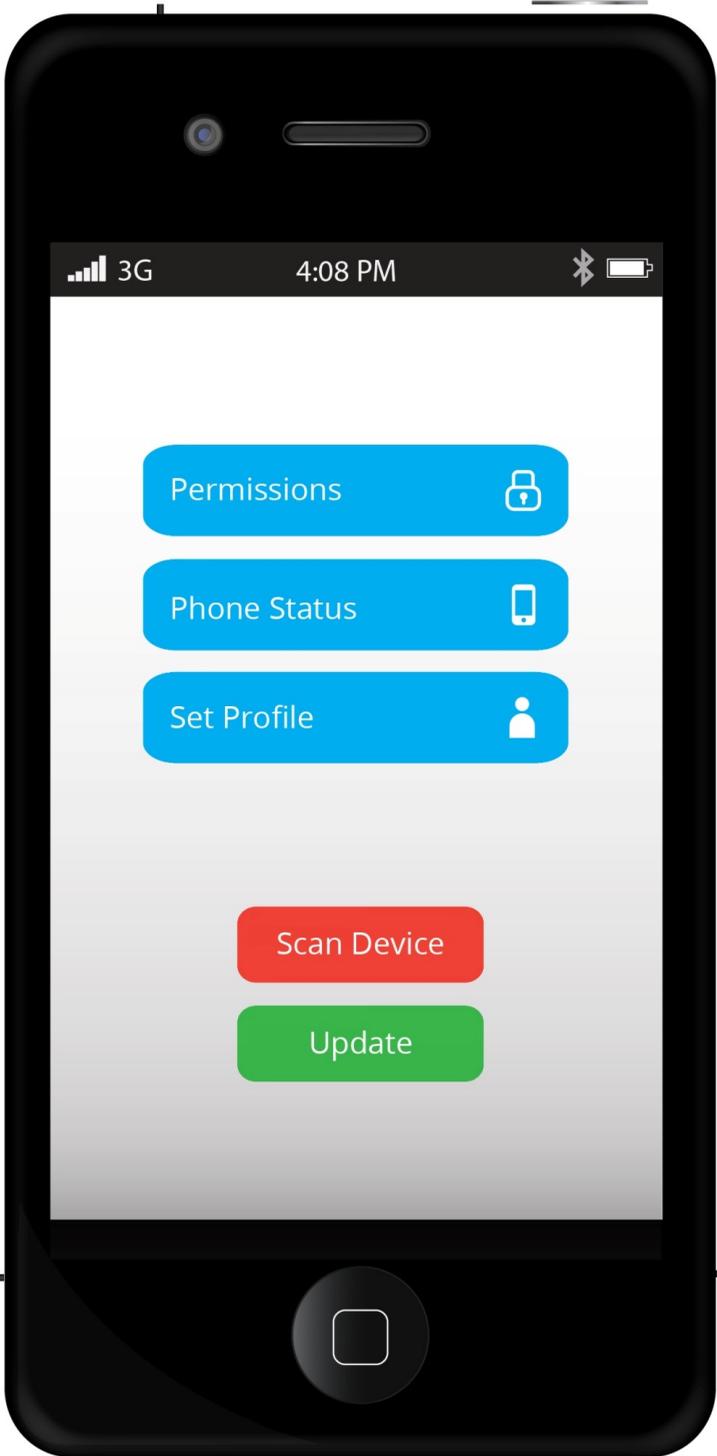
Never ask me again

# Main Screen

The main screen is a way point to access the most important functions of the app, i.e. permissions, phone status, setting the profile.

It also includes an option to scan the device as done during the app startup on the splash screen.

The option to update is only available if there is an app update released.



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Permissions



Phone Status



Set Profile



Scan Device

Update

# Set Profile

The intention of the GUI is to **simplify** the app as far as possible. Hence, the set profile option gives only the options of economy (power saver), Regular and High performance (internet)

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### Set Profile

Power Saver



Regular



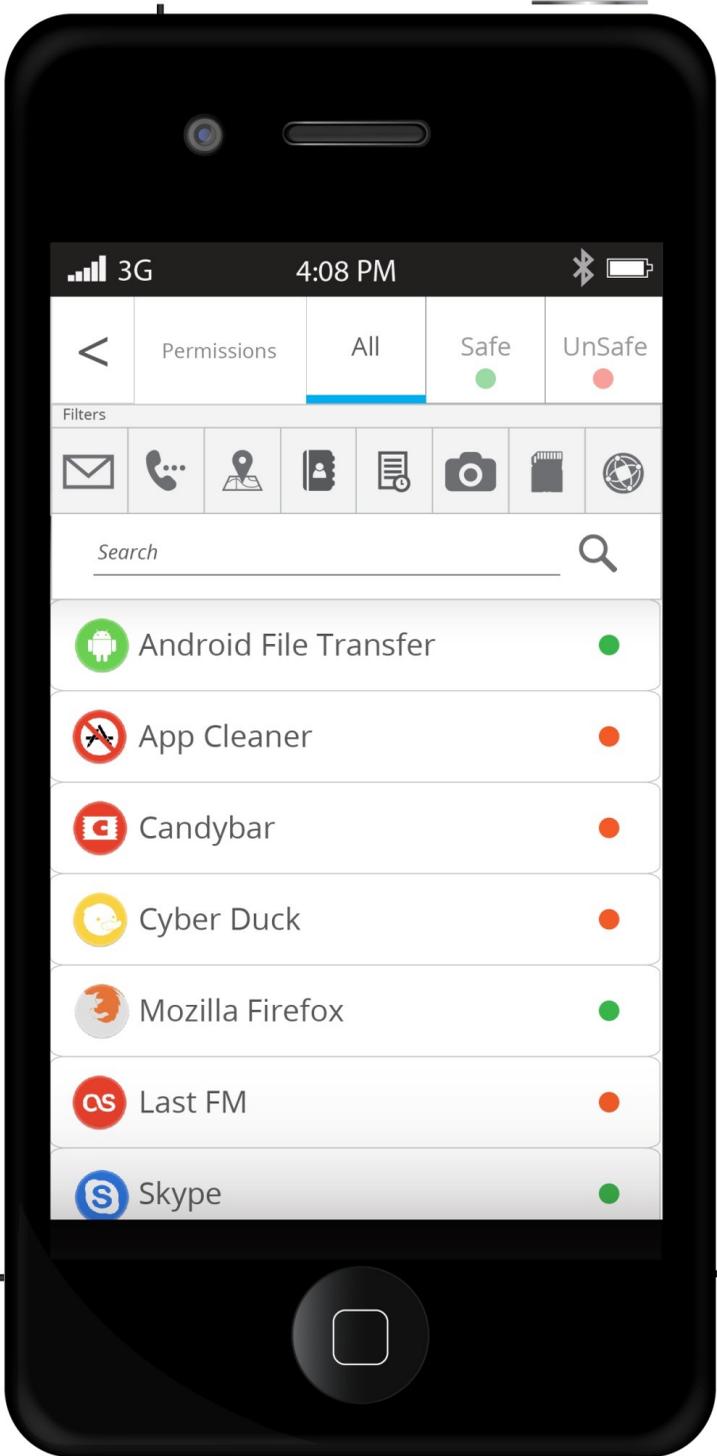
Internet



Update

# Permissions

When accessed the permissions the GUI categorizes the apps into safe, unsafe and all.



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Permissions

All

Safe

Unsafe



Filters



Search



Android File Transfer



App Cleaner



Candybar



Cyber Duck



Mozilla Firefox



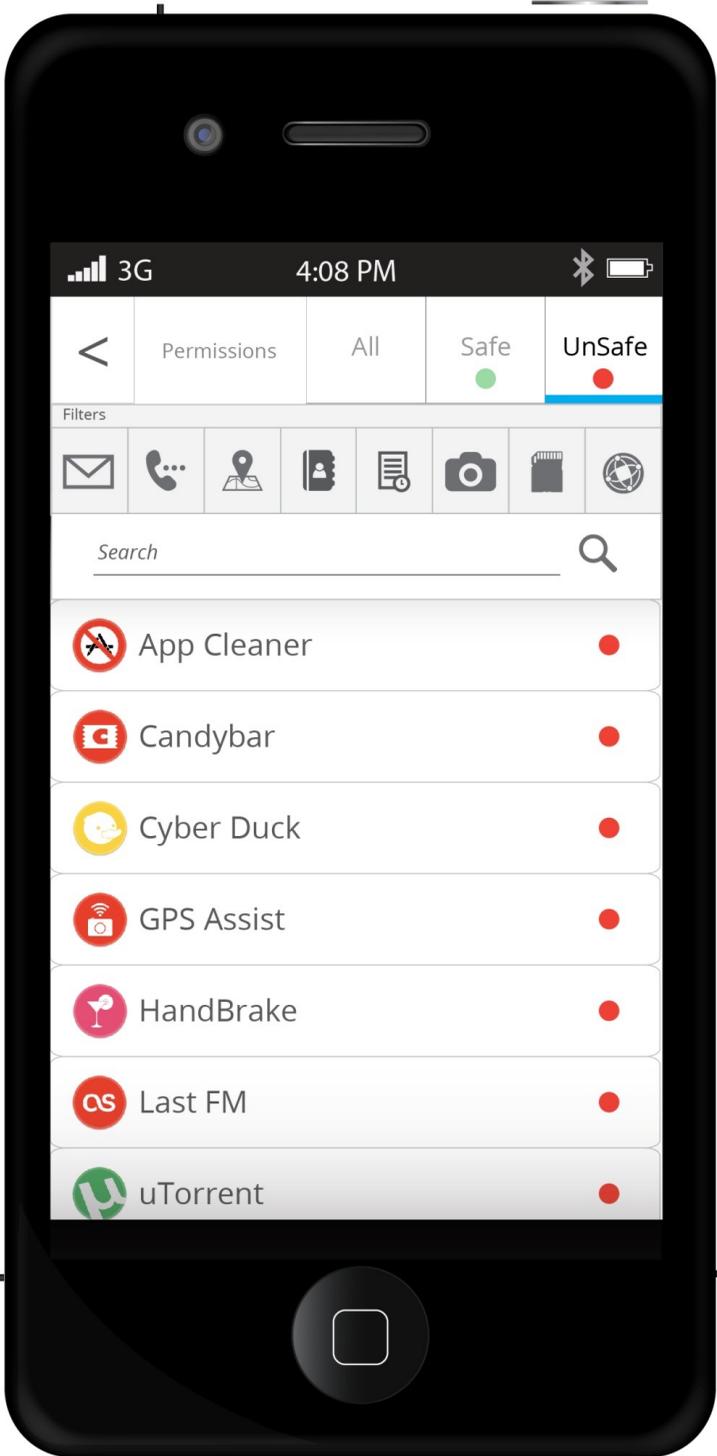
Last FM



Skype







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Permissions

All

Safe

UnSafe



Filters



Search



App Cleaner



Candybar



Cyber Duck



GPS Assist



HandBrake



Last FM



uTorrent

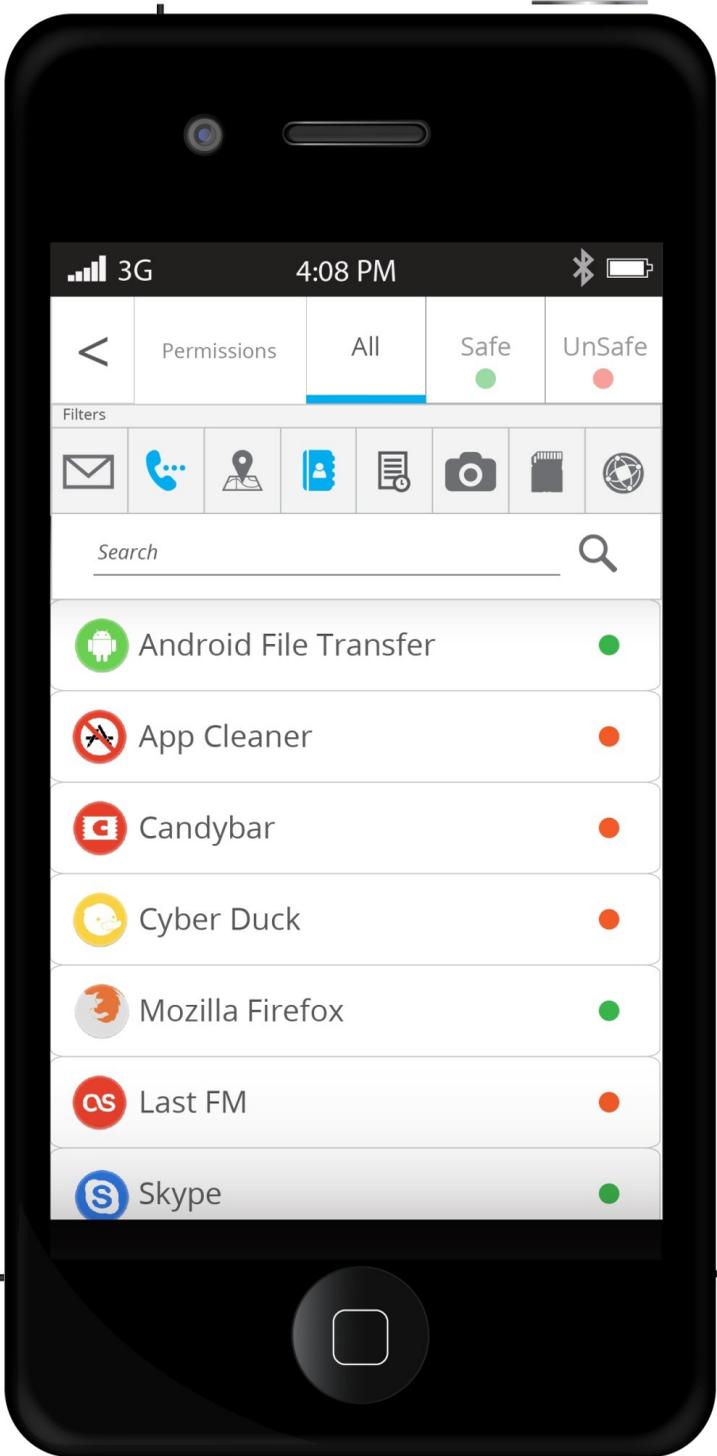


# Permissions

Apart from this the individual categories include filters for apps accessing the users messages, call logs, location, contacts, camera, internet, memory card etc.

The third level of search includes searching by names/ keywords.

**Red and green dots** next to an app indicate whether the app is **safe** or not.



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Permissions

All

Safe

UnSafe



Filters



Search



Android File Transfer



App Cleaner



Candybar



Cyber Duck



Mozilla Firefox



Last FM



Skype



# Permissions

When **swiped** on an app **from left to right**, the GUI gives an option to update the app or delete it

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Permissions

All

Safe

UnSafe



Filters



Search



Android File Transfer



App Cleaner

Delete

Update



Candybar



Cyber Duck



Mozilla Firefox



Last FM



Skype



# Permissions

When tapped on the app icon, the GUI shows a drop down menu.

This menu indicates what data the app accesses from the user's phone as well as indicating what unnecessary data it is accessing with a red bar under the filter.

The user can also set a maximum data limit for the app.

There is also an option to resolve the problems with the app by tapping the resolve button.

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Permissions

All

Safe

UnSafe



Filters



Search



Android File Transfer



App Cleaner



Set Data Limit

200

Max Limit MB

Resolve



Last FM

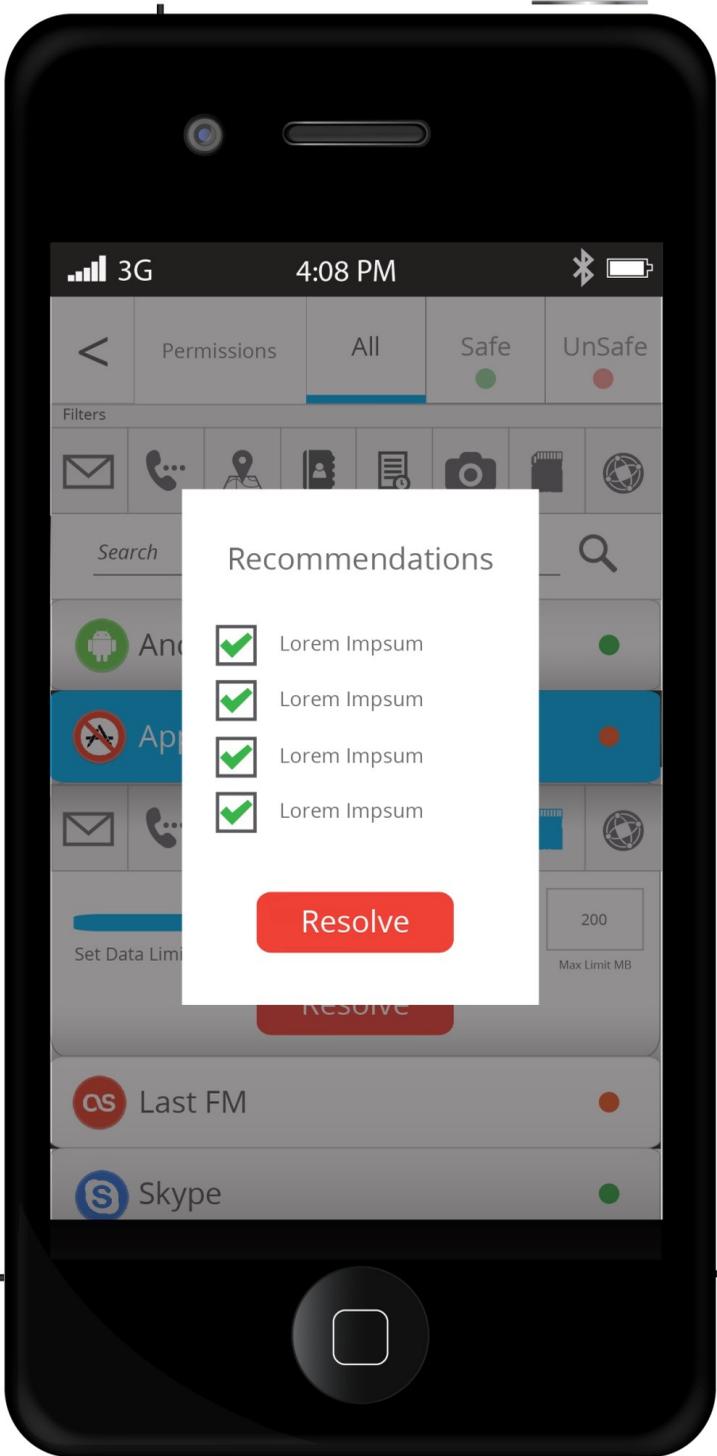


Skype



# Permissions

When clicked on the resolve button, the GUI gives recommendations along with an option whether to exercise them or not.



3G

4:08 PM



Permissions

All

Safe

UnSafe

Filters



Search



### Recommendations

- Lorem Ipsum
- Lorem Ipsum
- Lorem Ipsum
- Lorem Ipsum

Resolve

Set Data Lim

200

Max Limit MB

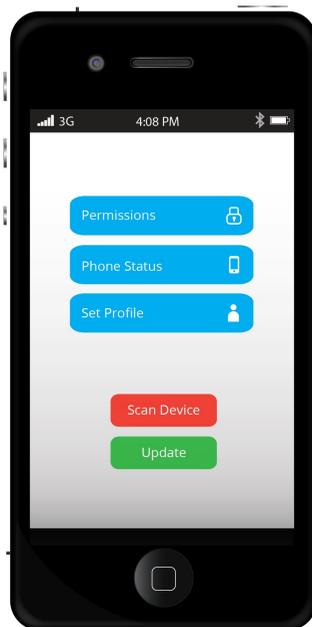
Last FM

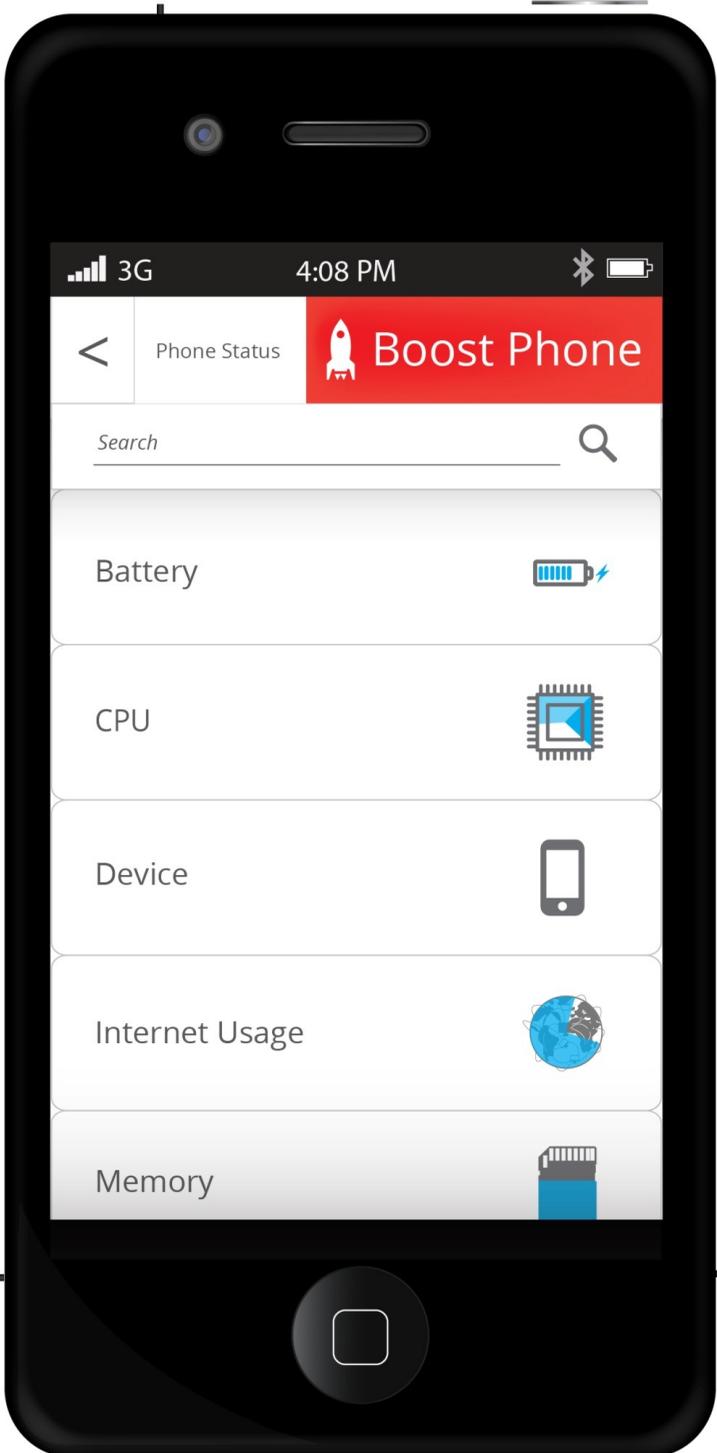
Skype

# Phone Status

When tapped the phone status button on the main menu, the GUI shows categories that indicate the phone status which includes battery, cpu, device, internet status etc.

It also shows a button to boost phone.





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Phone Status



Boost Phone

Search



Battery



CPU



Device



Internet Usage



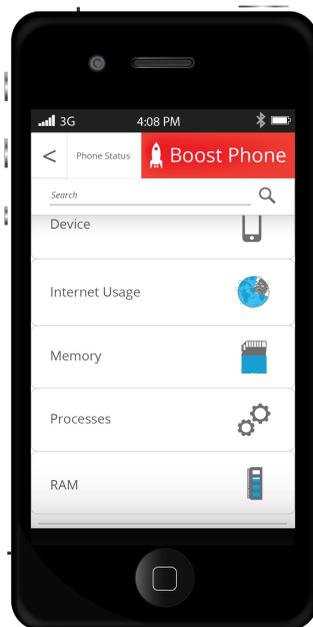
Memory



# Phone Status

All icons dynamically adapt to the status of phone category.

When tapped on one of the icons, it shows a drop down menu indicating the status of the phone category.



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4:08 PM



Phone Status



Boost Phone

Search



Internet Usage



Memory



Internal Memory : 1.9 GB



Used : 7.1 GB

Available: 3.8 GB

External Memory : 11.9 GB



Used : 7.1 GB

Available: 3.8 GB

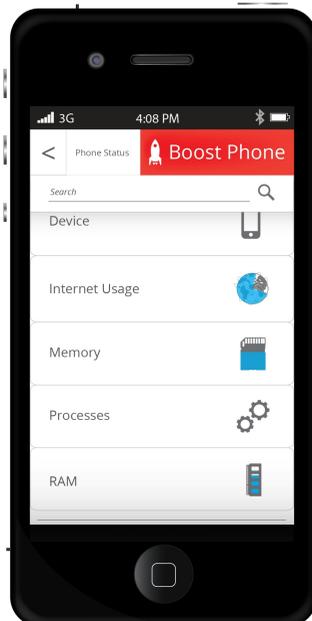


Total Available Memory : 8.9 GB/ 14 GB

Total Used Memory : 4 GB/ 14 GB

# Phone Status

When tapped on the boost phone button, it opens into a new window. Here the user has an option to boost the phone instantly, or selecting/ deselecting the options to kill background processes, delete internet history or delete the app cache.



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4:08 PM



Phone Status



Boost Phone

Search



Batter



Kill Background Processes



CPU



Delete Internet History



Device



Delete App Cache



Internet Usage



Memory

