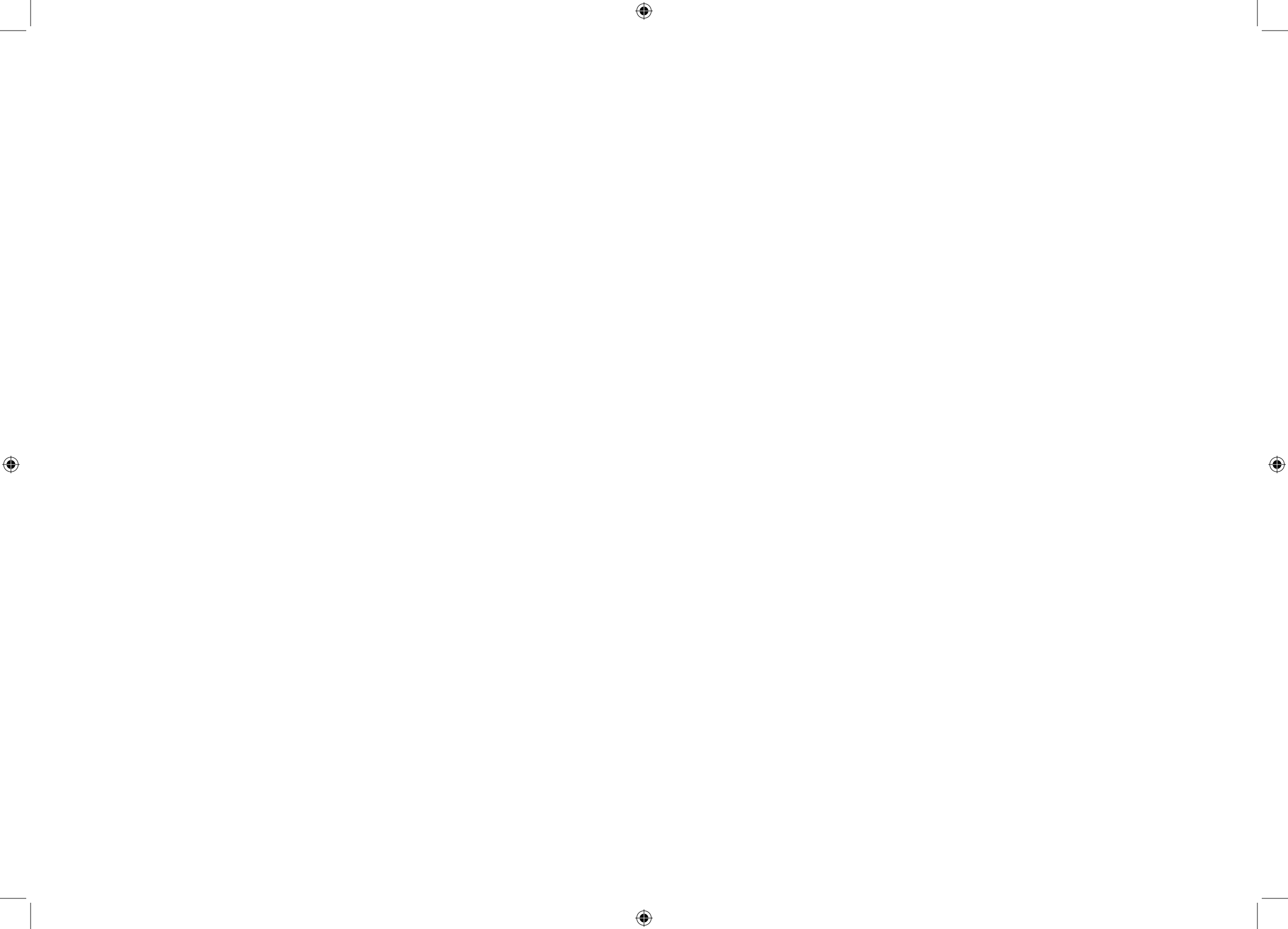# unhack

DESIGN DOCUMENT

Indrajeet Roy
Roll No - 146330012
Interaction Design

INTRODUCTION

UnHack is an android application which is meant to secure people from Data Theft and Several other security issues with their Mobile Phones. According to Forbes, 97 % of the mobile malware are meant for android, this fact makes user very suspicious about what is going on in the background of the application. There are several ways one's device can get affected with an malware, Some of them are following:

A) We usually like application which are for free and for the purpose, Instead of downloading them from play store, we usually download it for free from some third party website. But There is a hidden cost which we pay for the free application, which is our private data. The third party application may contain some extra codes which will make our phone vulnerable to data theft.

B) We download an application and install it in hurry and never give much importance to several screen which come up while we install app. The Permission Screen, Which tells one about which application have access to use what, up while we install app. The Permission Screen, Which tells one about which application have access to use what, like GPS, SMS, Contacts and many more. Ignoring this gives application all the right to steal our data. Let say for an example if an application have access to see your SMS and also have access to Use internet, then it can Read your SMS and send it to the server.

C) There are lots of android application whose data usages is very high and they don't even need to use internet, this may rise an suspicion that these application might be steal our personal data.

D) There are lots of application which run lots of background threads and even if the application is not running they keep draining device power and also affects device performance. these application can also be categorised as malware. Keeping all the possible vulnerability in mind like above mentioned , we have developed UnHack, Which will make users master of his own device.

BRAND IDENTITY

LOGO

The logo is inspired from Rajastani Guards, they belive in carrying out to the best of their abilities the duties to provide protection for the facilities, equipment, and personnel they are responsible for. They are very trustworthy, honest, brave & courageous. So the moustache on the logo shows the pride of guard and assuring, everything is fine.

COLOR PHILOSOPHY

This color is one of trust, honesty and loyalty. It is sincere, reserved and quiet, and doesn't like to make a fuss or draw attention. From a color psychology perspective, blue is reliable and responsible.
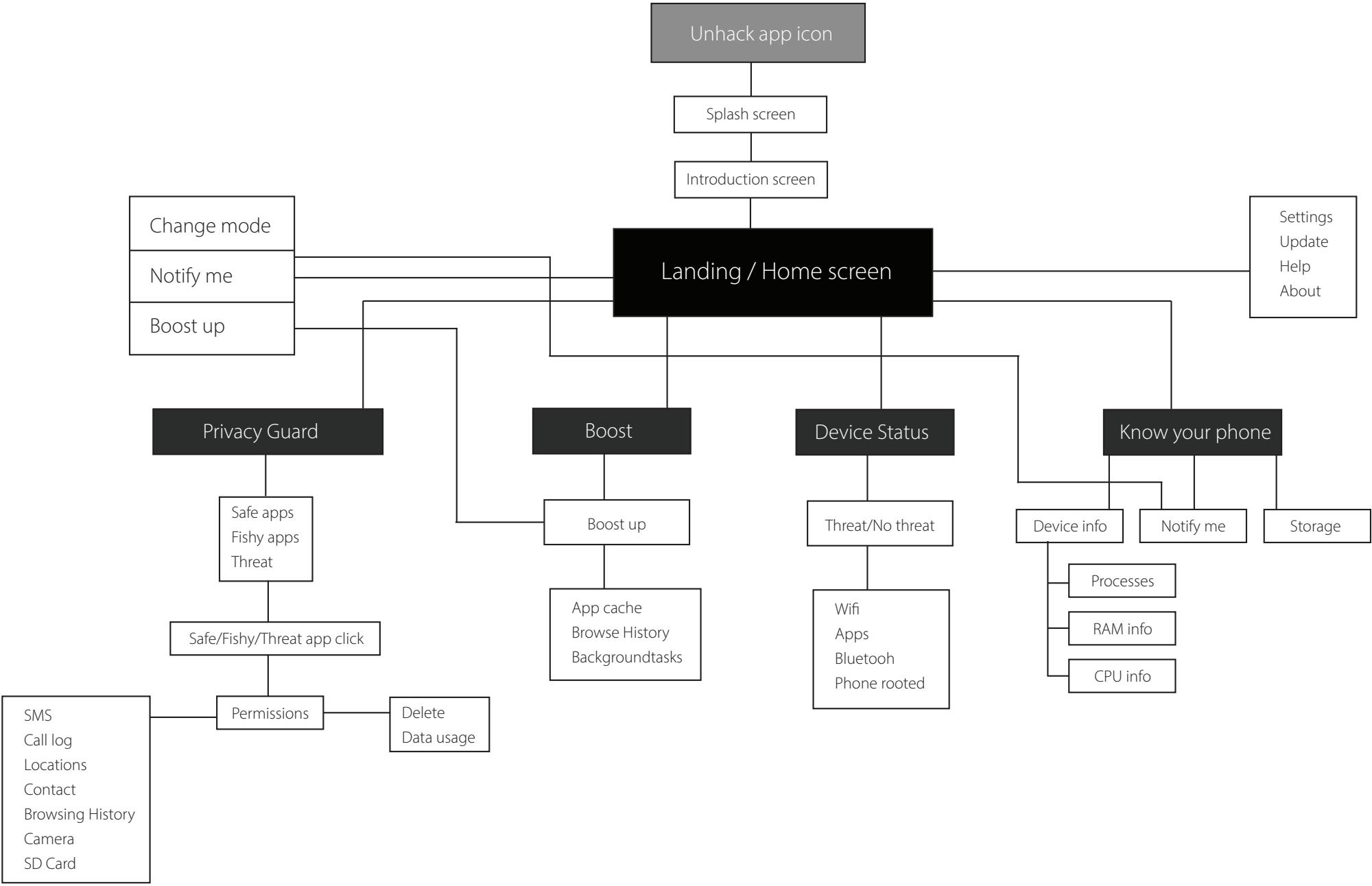This color exhibits an inner security and confidence.

PRIMARY FONTS

Champagne & Limousines

COLOR PALETTE

#2782cf

WORK FLOW →

Unhack app icon

Splash screen

Introduction screen

Change mode

Notify me

Boost up

Landing / Home screen

Settings
Update
Help
About

Privacy Guard

Boost

Device Status

Know your phone

Safe apps
Fishy apps
Threat

Boost up

Threat/No threat

Device info

Notify me

Storage

Processes

RAM info

CPU info

Safe/Fishy/Threat app click

App cache
Browse History
Backgroundtasks

Wifi
Apps
Bluetooh
Phone rooted

SMS
Call log
Locations
Contact
Browsing History
Camera
SD Card

Permissions

Delete
Data usage

HIGH FIDELITY WIREFRAMES

Unhack Logo

Unhack Logo

Change mode

| Privacy Guard | Device Status |
| Boost | Know your phone |

Boost

Boost up

App cache 🗑
Browser History 🗑
Background Tasks 🗑

About

Unhack
Lucideus - Cyber Space Security

Device name : IXXXXVVX

Version : V3.8.7.2

Privacy policy

Help

FAQs

Contact us

Support

Settings

Notification status

Scheduleded boost

Unhack shortcut

Live update

Unhack Logo

Change mode

Privacy Guard

Settings
Update
Help
About

Boost   Know your phone

Privacy Guard

Safe apps
Fishy apps
Threat

Privacy Guard

Fishy apps
Facebook
Chrome
Facebook
Chrome

Privacy Guard

SMS
Locations
Contacts
Browser History
Camera

Data Usage   Delete

Device Status

Threat found
Wifi
Apps
Bluetooth
Phone rooted

Unhack Logo

Change mode

Permission Category

Power Saver
Internet
Normal
Have a blast

Boost   Know your phone

Know you phone

Device info
Notify me
Storage

Know you phone

Notify me

Notify me when my phone battery is full

Battery info :
dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s,

---

Know you phone

Device info
Processes
CPU info
RAM info

Know you phone

Storage
Internal storage
External Storage

VISUAL DESIGN & WALKTHROUGH

LANDING SCREEN

Landing screen has 4 main commands, mode changing option & phone charging alarm. User can switch to other options by swiping to the leftor can select any one of the option.
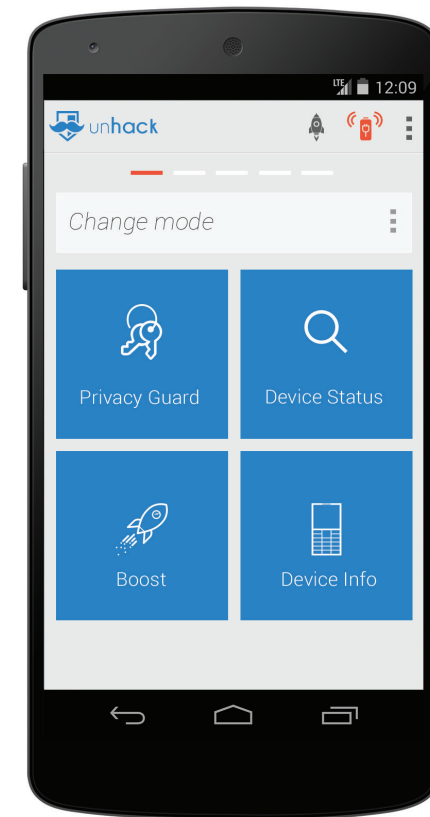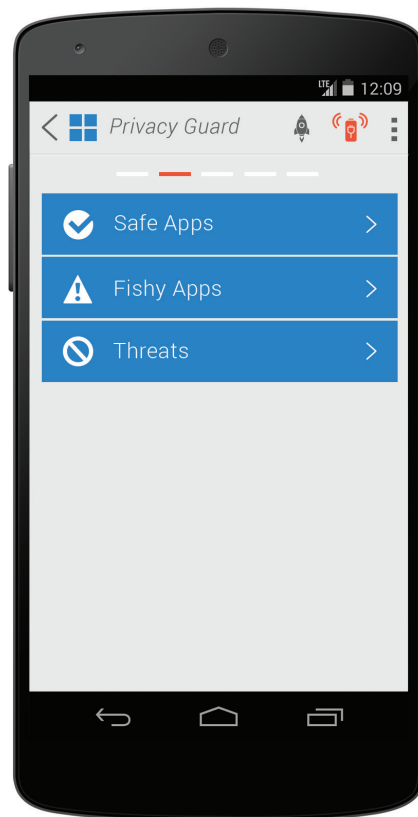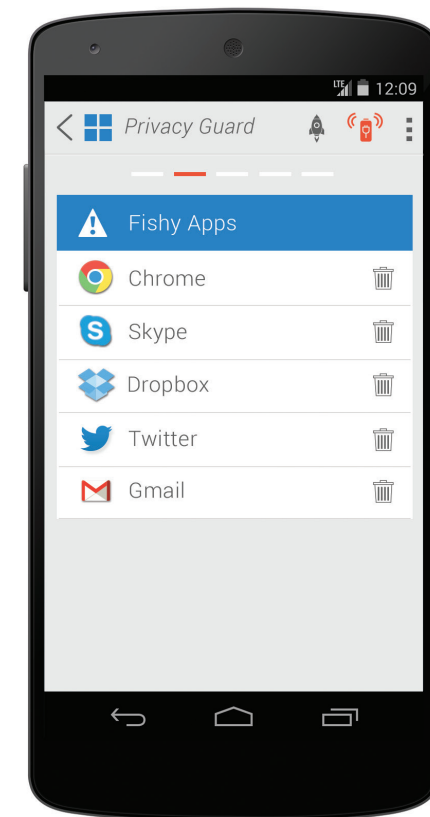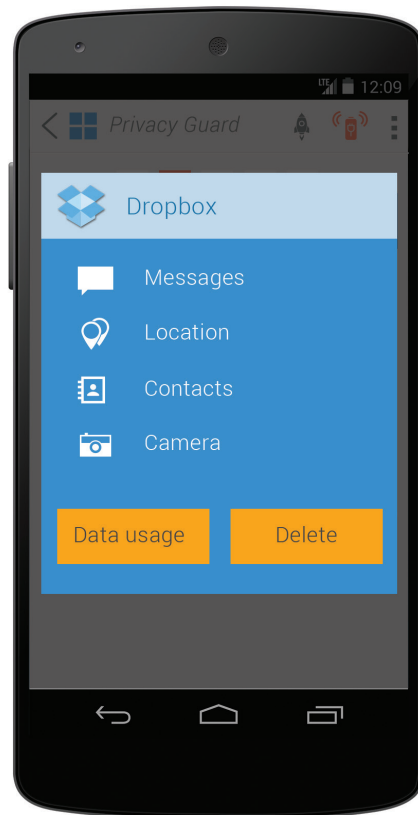
SPLASH SCREEN

Splash screen with the logo and while loading there will be a small animation in the moustache of the logo.

PRIVACY GUARD SCREEN AND DROPDOWN OF SAFE APPS CATEGORY

The applications are sorted in three major categories and on the other screen all the fishy applications are shown and the user can see its properties by tapping on the app or can directy delete it.
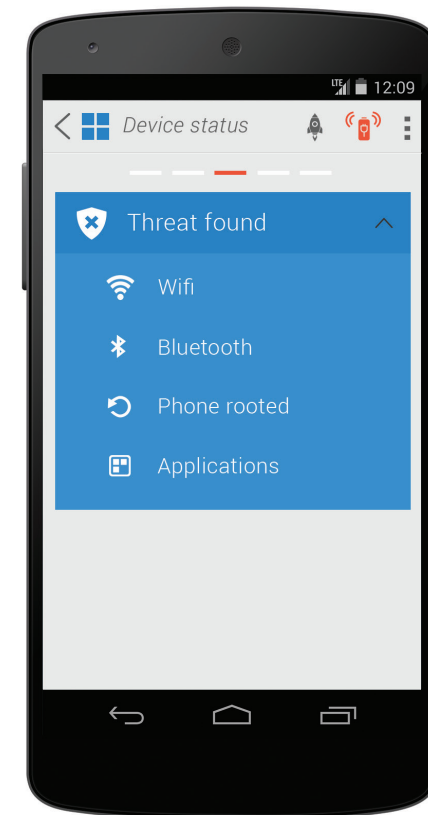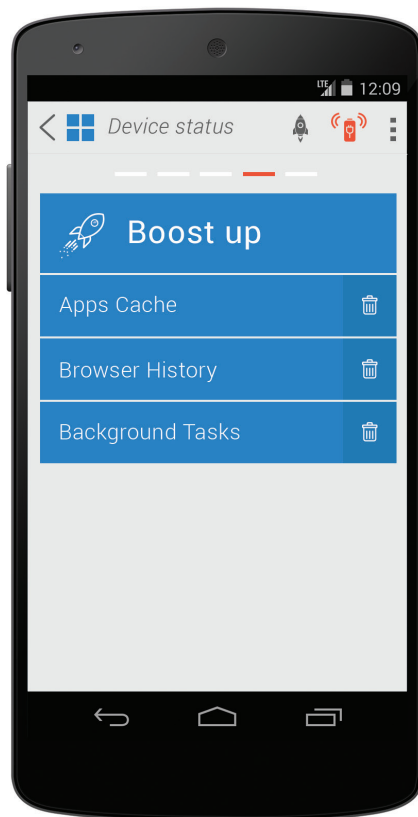
12:09

‹ ▦ *Privacy Guard* ⚠ 📱 ⋮

Dropbox

💬 Messages

📍 Location

📇 Contacts

📷 Camera

Data usage   Delete

DEVICE STAUS SCREEN

All information regarding
the phone's unnecesssary connectivity,
applications are under this tab.

APPLICATION
INFORMATION

Which all persmission are granted to the applica-
tion selected. Set the data limit for communication
through the internet or delete it directly.

12:09

‹ ▦ *Device status* 🚀 📱 ⋮

🛡 Threat found   ⌃

📶 Wifi

✳ Bluetooth

↺ Phone rooted

▦ Applications

NOTIFY ME SCREEN

It shows battery status and user can switch on the alarm while charging the phone. So that whenever phone is fully charged it can notify the user. Manufacturer brand, model, and other details of the phone battery.
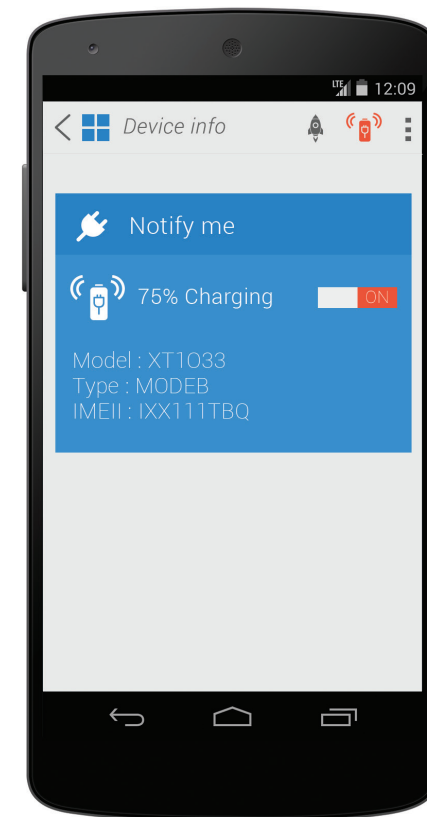
BOOST UP SCREEN

User can directy delete the cache's, browsing history from the android browser and can closes unwanted processes to reduce load on CPU and RAM.

Device status

Boost up

Apps Cache

Browser History

Background Tasks

Device info

Notify me

75% Charging   ON

Model : XT1O33
Type : MODEB
IMEII : IXX111TBQ

THANK YOU

For queries contact

Indrajeet Roy
Industrial Design Centre
Indian Institute of Technology Bombay
Powai,
Mumbai 400 076, India