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 malwares are meant for android, this fact makes users very suspicious about applications that they download.
Design for Interactive Systems module I took up the task of creating a Visual Identity for the app by means of a logo, wireframes and graphical user interface. This book attempts to engage users whilst informing them about the application flow and design process.

UNHACK

Logo

The logo is inspired from the Fates, three sisters in Greek Mythology who are incarnations of destiny. They weave the fabric of life and can cut the thread of any person's life. They are daughters of necessity and responsible for maintaining order. The scissors cutting a thread is symbolic of them. UnHack maintains balance by cutting out the threads of apps that are unsafe and in doing so is the controller of their destiny. Bright yellow/ Gold is used to represent the aunthenticity and richness of the app, it being a Golden oppurtunity in itself

Design Elements

Font

Roboto is a sans-serif typeface family developed by Google as the system font for its Android operating system. Google describes the font as "modern, yet approachable" and "emotional". A medium weight is used in tabs and regular weight is used in the rest of the application.
Intro font is used in the logo and always accompanies the graphic symbol wherever it is invoked with text. Both fonts are free fonts, accessible and popular for their distinct style and usability.

Color

The color pallette has high contrast colours Dandelion Golden Yellow and Midnight Black. It is complemented with sublte colors such as Emperor Grey, Daffodil Yellow, Light Charcoal and Charcoal. It creates a sense of Harmony yet is functional and adds to the character of the application

UI Elements / Icons

Icons or UI Elements are used to replace text and use existing habbits and image meaning associations. This hastens the ability of a person to grasp the various means and aspects of usability. The icons used are simple and minimal

Roboto Regular
A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n
o p q r s t u v w x y z
1 2 3 4 5 6 7 8 9 0 , . ? - + =

Roboto Medium
A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n
o p q r s t u v w x y z
1 2 3 4 5 6 7 8 9 0 , . ? - + =

INTRO REGULAR
A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z
1 2 3 4 5 6 7 8 9 0 , . ?

Dandelion Golden Yellow
Hex #fbcd0d
R:251
G:205
B:13

Daffodil Yellow
Hex #eadca2
R:234
G:220
B:162

Emperor Grey
Hex #dededc
R:222
G:222
B:220

Light Charcoal
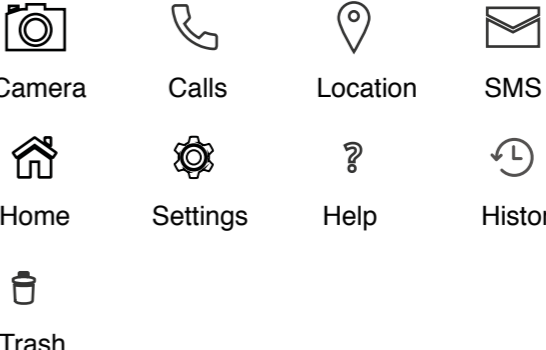Hex #6d6d6d
R:109
G:109
B:109

Charcoal
Hex #484646
R:72
G:70
B:70

Midnight Black
Hex #010101
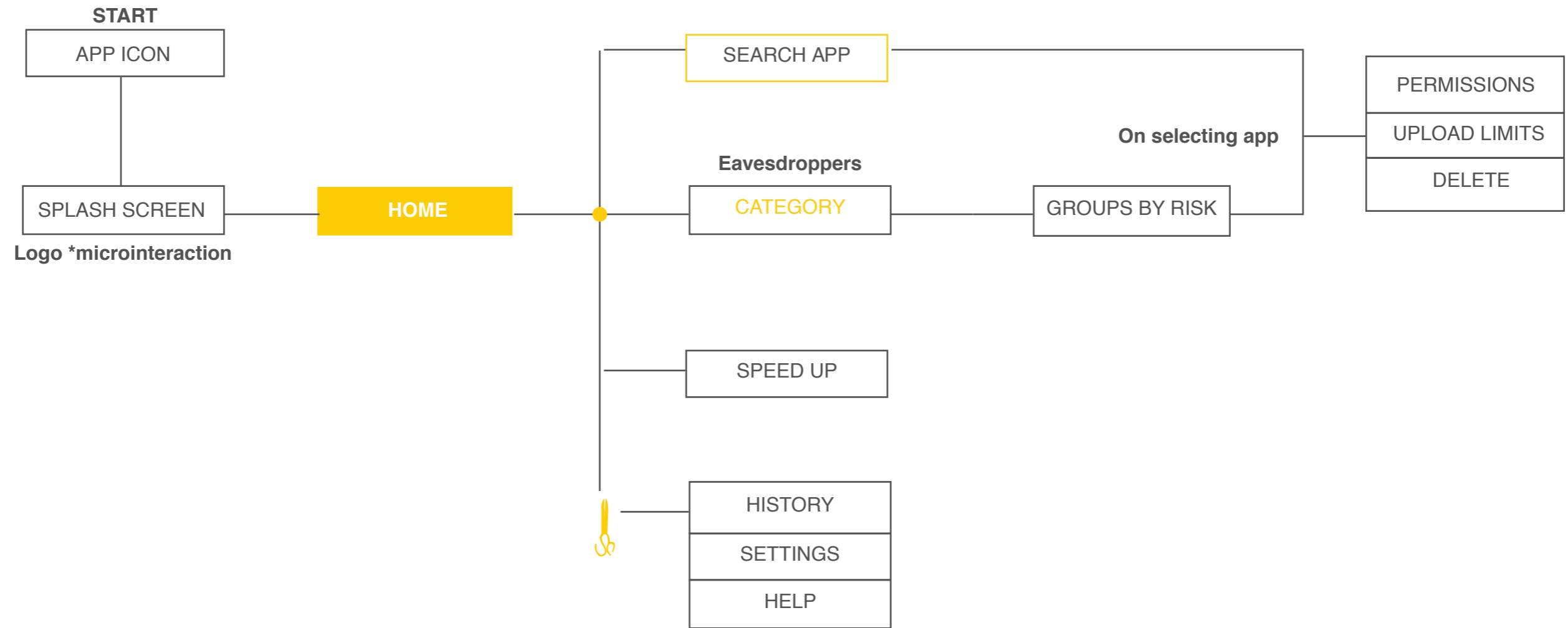R:1
G:1
B:1

Camera   Calls   Location   SMS

Home   Settings   Help   History

Trash

Threat Levels

Unsafe   Suspicious   Safe

Flowchart

START

APP ICON

Eavesdroppers

SEARCH APP

On selecting app

PERMISSIONS

UPLOAD LIMITS

DELETE

SPLASH SCREEN

Logo *microinteraction

HOME

CATEGORY

GROUPS BY RISK

SPEED UP

HISTORY

SETTINGS

HELP

Wireframes

```
                    ┌→ 1.1 ──→ 2.1 ──→ 3  ──→ 4
                    │
                    ├→ 1.2
                    │         ┌→ 2.2
0  ──→ ─────────────┤→ 1.3 ───┤
                    │         └→ 2.3
                    │
                    └→ 1.4 ──→ 2.4
```
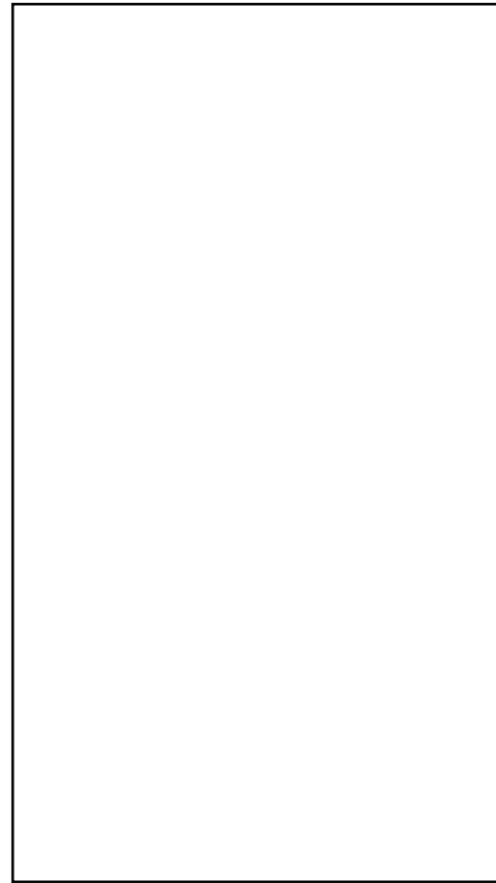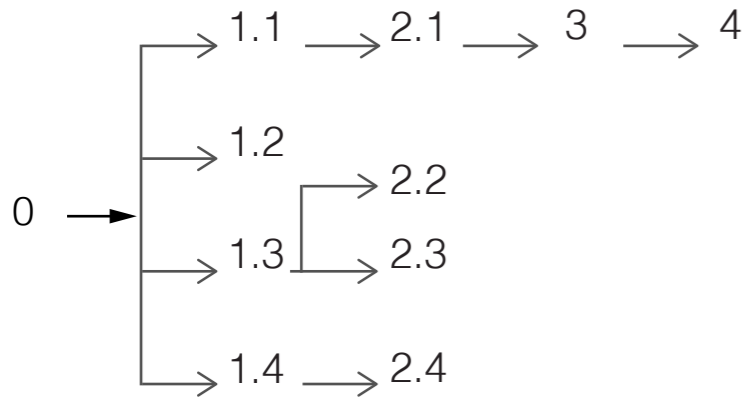
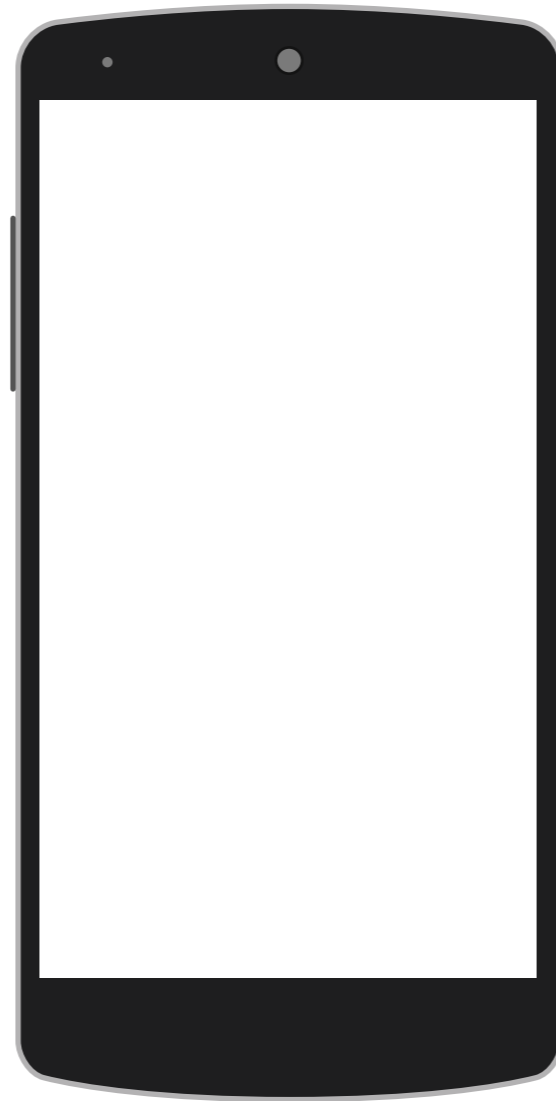## GUI

Splash Screen

Threads are symbolic of apps. The presence of a thread means that new applications were downloaded since last check. The knots in the thread below informs of the number of apps installed. Absence of a thread symbolises that no new apps have been downloaded and hence allows one to close UnHack unless they'd like to speedup the mobile.

App Security on Home Screen

The Homescreen in it's Eavesdroppers tab shows categories of data and services that are being accessed by various Apps downloaded by the user— camera, call log, messages among others. The apps are divided into three categories: Unsafe, Safe and Suspicious. The user may delete the app there itself by tapping the trash icon next to the application concerned or explore it further.
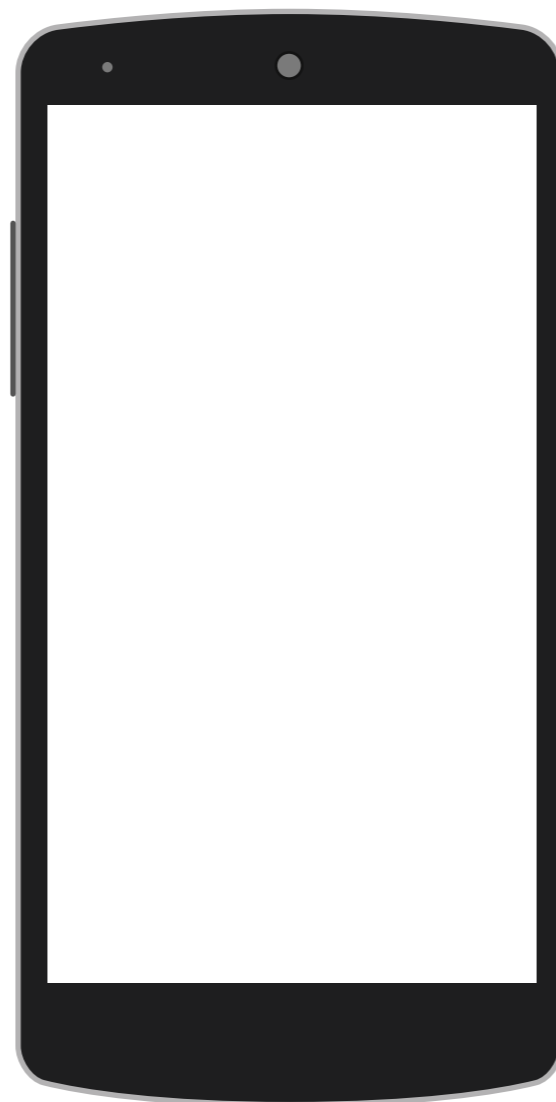
Performance

UnHack allows the user to speedup his/her mobile phone by allowing the options
of clearing browser history, app cache and even background processes
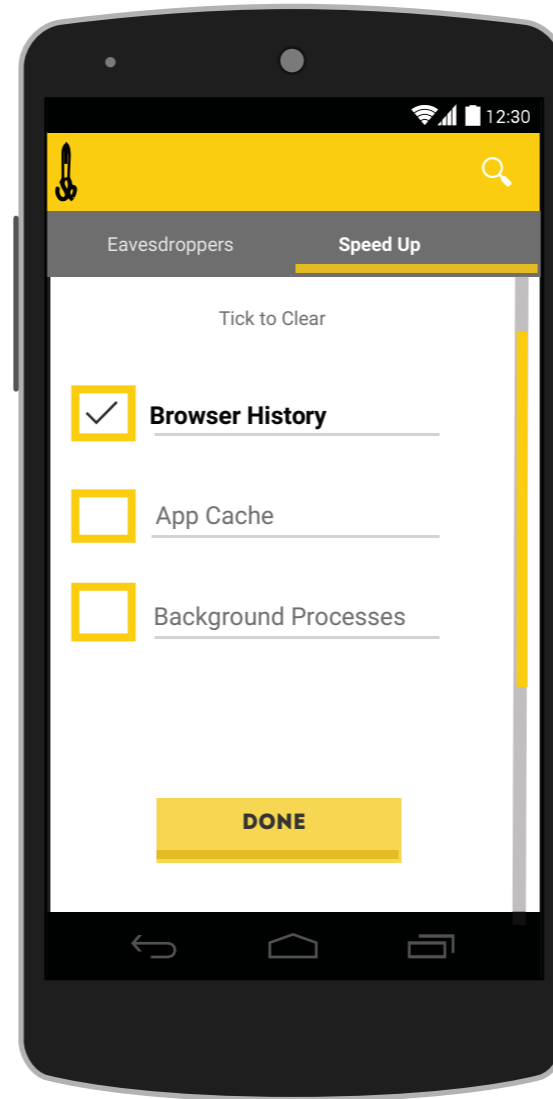
Permissions and Data Limits

UnHack allows a search bar incase the user is suspicious of a particular application. UnHack allows the user to set a data limit and gives a context instead of using technical units. For 10kb of messages has a different significance than 10kb of an image. Furthermore it shows permissions alotted to an app, however these permissions cannot be changed as yet
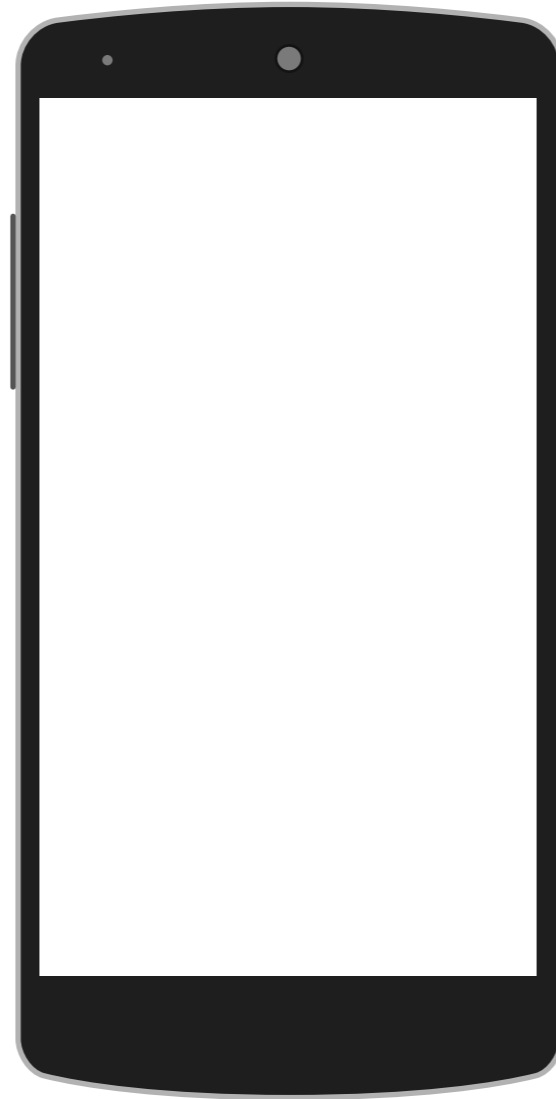
Hamburger Drawer

The Hamburger Drawer involves another microinteraction, the bar and the UnHack logo flip color as the drawer opens up. It opens up to reveal three important options, settings, history and help. Everything else on the screen dims down to allow focus on the drawer