# ft_hangouts

## The Grand Ambassador

*Summary:* *This project is designed to get you acquainted with the mobile system. You will have to create a contact management application.*

*Version:*

# Contents

# Chapter I

# Preamble

No snow on Mount Fuji,
Nore flowers in the cherry trees,
No grass on my flowerbeds,
its reign is mineral.

Magic is the liquid,
magic is the source,
magic is the crystal,
magic is the garden.

The wizard gardener
crystal, crystal, crystal oh crystal
ho ho ho ho ho ho ho ho ho ho ho ho ho ho ho ho
hohohohohohohohohohohohohohohohohohohohohohohohohohohohohohohohoho
hohohohohohohohohohohohohohohohohohohohohohohohoho ho ho ho ho

crystal, crystal, crystal, crystal
You cannot touch it.
You're not ready, you can just gaze it,
Your eyes are ready, you can stand it.
Wooaaaa
Oh it's beautiful, it's beautiful, it's beautiful

The wizard gardener
doen't need manure in his garden.
Shiny like stars,
Shiny like a waveless sea,
Shiny like a big dog teeth.

Shiny like insects,
Shiny like a sausage,
Shiny like teen skin.

crystal oh crystal
crystal oh crystal
crystal oh crystal
crystal oh crya ha ha
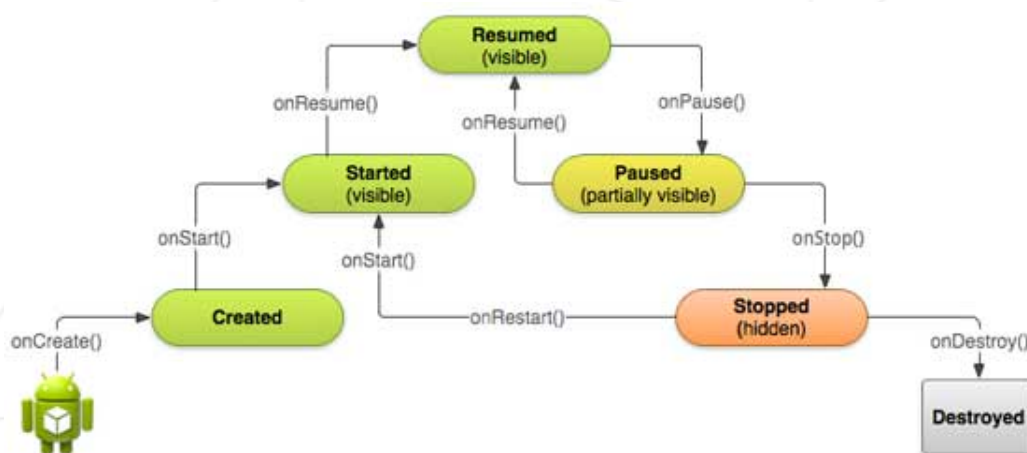
Salut C'est Cool - *The wizard gardener* lien.

# Chapter II

# Introduction

For this project, you will have to design an mobile application that will allow to create a contact and send texts.

The goal is to understand how a mobile application works, how Android and iOS deals with you app and how to use their SDK.

Here is an example with Android:

# Chapter III

# Goals

You will have to fulfill various tasks that will help you understand how a mobile app works. The goal is to make an app allowing to create a contact (containing at least 5 details), edit it and delete it. Once the contact is recorded, you will have to be able to communicate with him through text messages.

Contacts are recorded persistently (SQLite database, don't use the shared contact table. You must create your own). A sumary for each contact will appear as a list on the app's homepage. You should be able to click on each contact to show their details.

Your app will have to propose two different languages, one being the default language (change the system language for a test). When you're on the homepage and set the app in the background, the date will be saved and will show in a *toast* when you return to the front. You will have to create a menu that will allow you to change the app's header color. Finally, the app icon will have to be the 42 logo.

# Chapter IV

# General instructions

- This project will be evaluated by humans only.

- You're free to use whatever language. (If you can't choose, Swift or Java is recommanded).

- No external library is allowed (even for design).

In case you choose Android, it is strongly advised that you use Android Studio as your IDE. Beware, Google does not support the ADT plugin for Eclipse anymore.

# Chapter V

# Mandatory part

Here is what you will have to create :

- Create a contact.

- Edit a contact.

- Delete a contact.

- Homepage with a summary for each contact.

- Receive text messages from recorded contacts.

- Send text messages to your contacts.

- Create a menu that will allow you to change the header color.

- The app will have to include two different languages.

- Show the time the app was set in the background when returning to the app.

- The app works in landscape and portrait modes.

- The app icon is the 42 logo.

# Chapter VI

# Bonus part

- Have a picture for each contact.
- When receiving a text message, a new contact is instantly created with the number as the contact name.
- It's beautiful ! Material Design is cool !
- You can call the contact.

Enjoy yourself, there are many ways you can improve your app !

# Chapter VII

# Turn-in and peer-evaluation

As usual, turn in your work on your repo GiT. Only the work included on your repo will be reviewed during the evaluation.