search.ch

Projet Android SwissSearch

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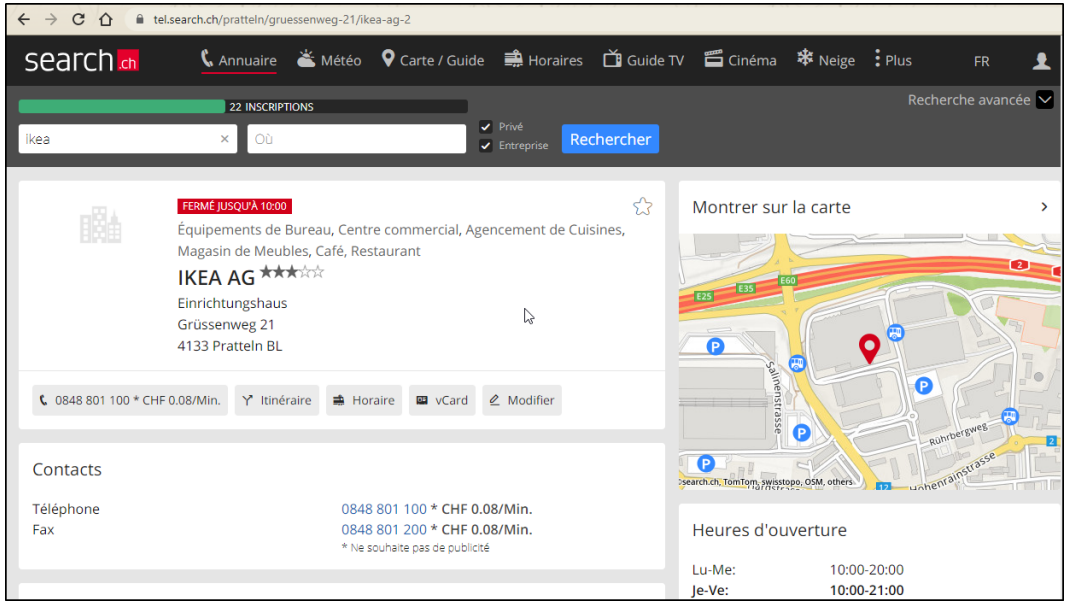
MAS-RAD

Objectif

- Faire appel à une API depuis une application Android

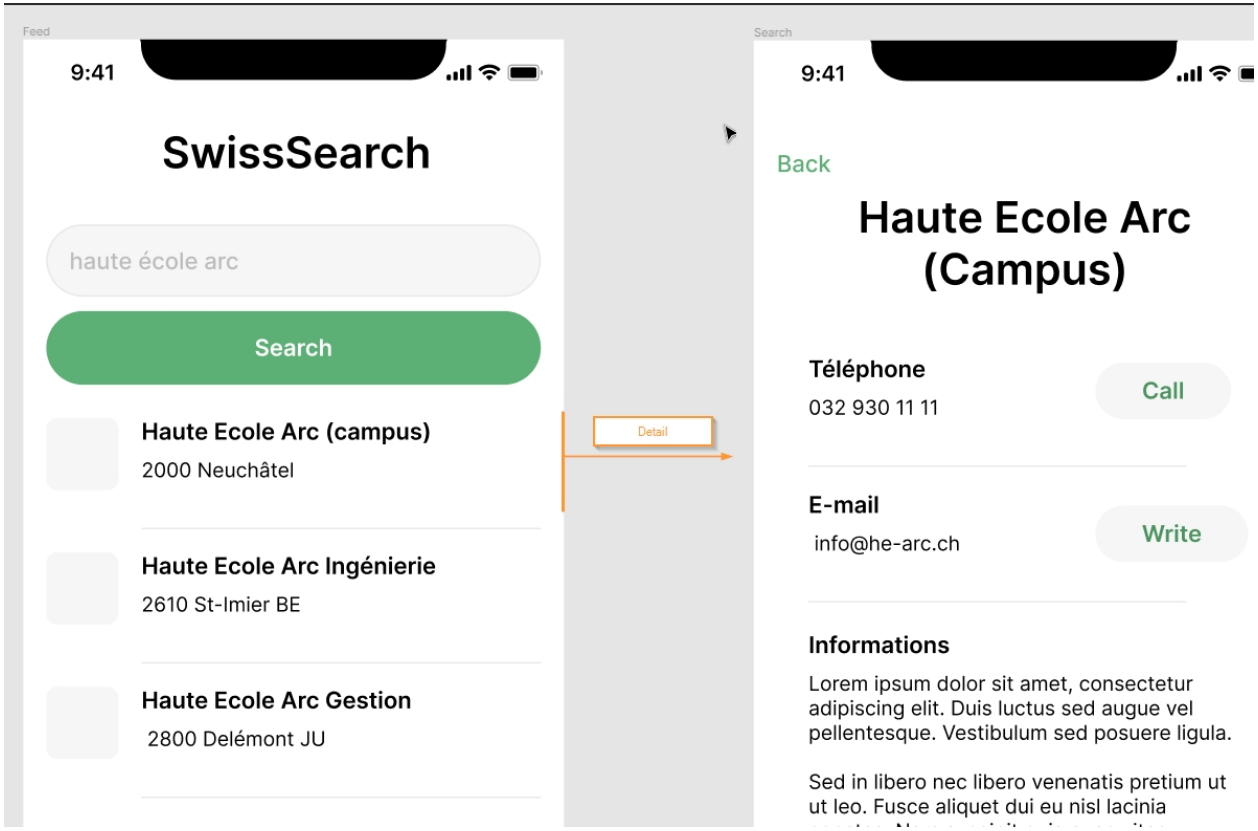
Projet SwissSearch

- L'application utilise l'API gratuite de Tel Search, l'annuaire téléphonique suisse



- https://tel.search.ch/api/help#httpstatus

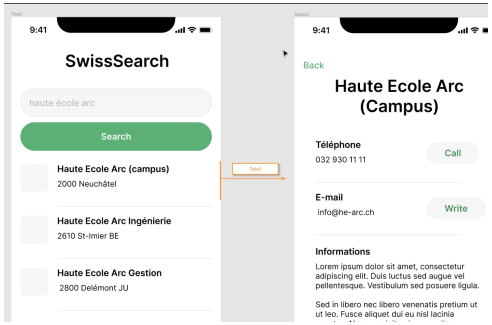
Maquette

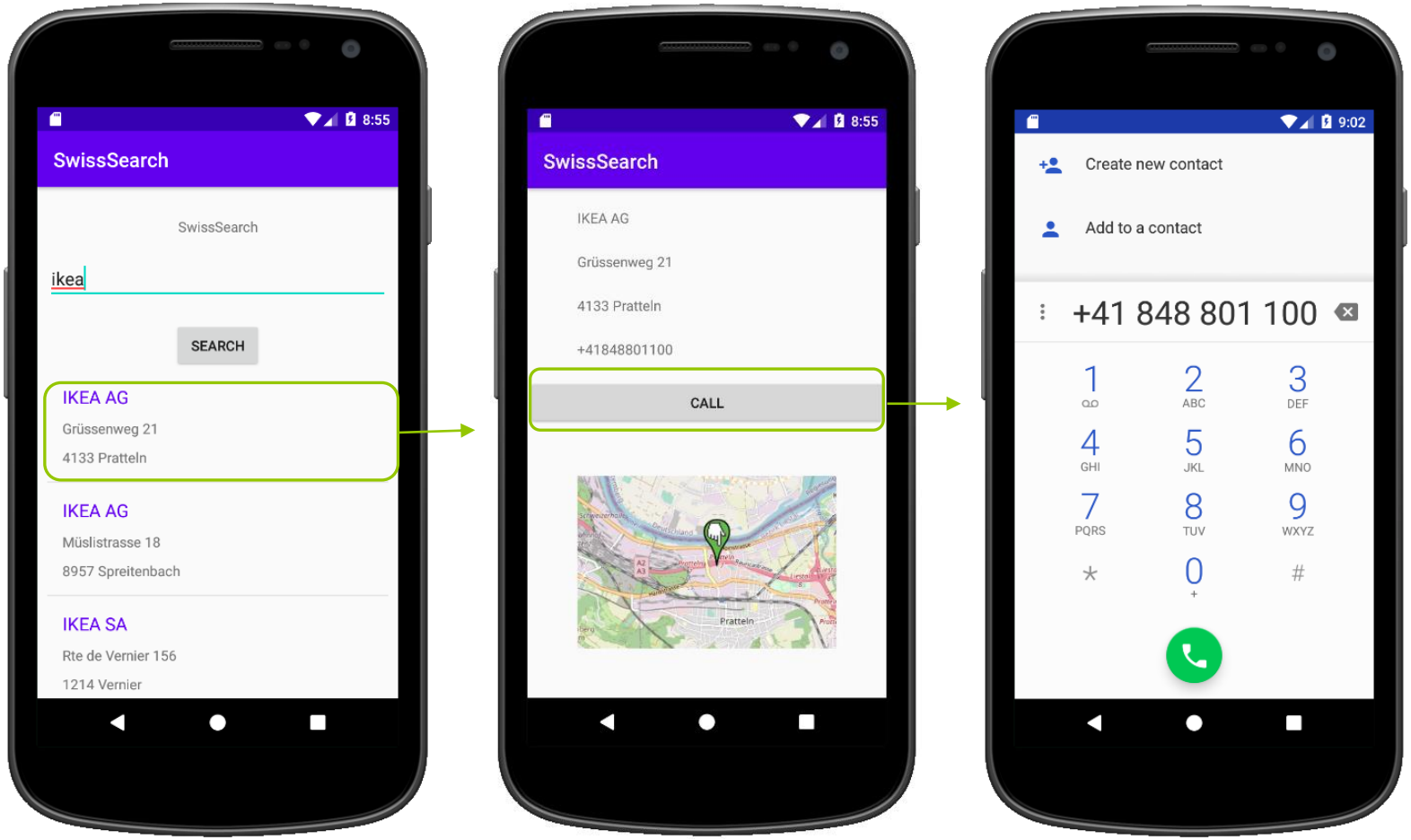

Feed
9:41
SwissSearch
haute école arc
Search
Haute Ecole Arc (campus)
2000 Neuchâtel
Haute Ecole Arc Ingénierie
2610 St-Imier BE
Haute Ecole Arc Gestion
2800 Delémont JU
Detail
Search
9:41
Back
Haute Ecole Arc (Campus)
Téléphone
032 930 11 11
Call
E-mail
info@he-arc.ch
Write
Informations
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis luctus sed augue vel pellentesque. Vestibulum sed posuere ligula.
Sed in libero nec libero venenatis pretium ut ut leo. Fusce aliquet dui eu nisl lacinia

Maquette

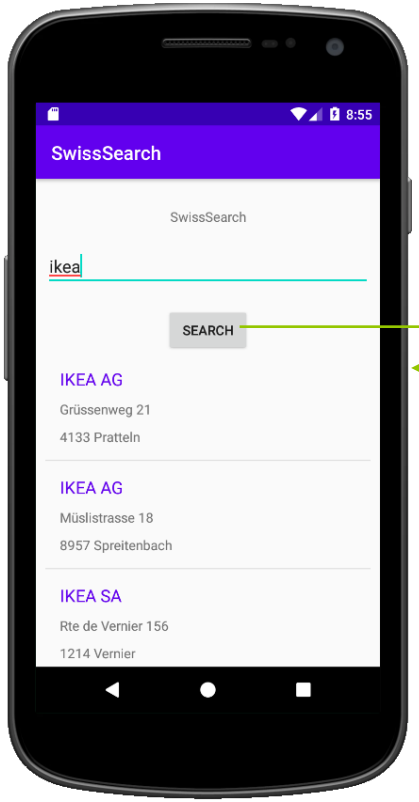
- 1er écran
  - Champ de recherche + liste de résultats
  - Liste de résultats cliquable

- 2ème écran
  - Détail de l'élément cliqué dans la liste




8:55
SwissSearch
SwissSearch
ikea
SEARCH
IKEA AG
Grüssenweg 21
4133 Pratteln
IKEA AG
Müslistrasse 18
8957 Spreitenbach
IKEA SA
Rte de Vernier 156
1214 Vernier
8:55
SwissSearch
IKEA AG
Grüssenweg 21
4133 Pratteln
+41848801100
CALL
Pratteln
9:02
Create new contact
Add to a contact
+41 848 801 100
1
2 ABC
3 DEF
4 GHI
5 JKL
6 MNO
7 PQRS
8 TUV
9 WXYZ
*
0 +
#

API REST



appel REST avec clé + requête

```
https://tel.search.ch/api/?was=john+meier&key=Votre clé
```

search.ch

réponse au format xml

Réponse reçue

GET https://tel.search.ch/api/?was=ikea&key=920b2b17d1aca9724a94b8799a2d8bec

```
<?xml version="1.0" encoding="utf-8" ?>
<feed xml:lang="de" xmlns="http://www.w3.org/2005/Atom" xmlns:openSearch="http://a9.com/-/spec/opensearchrss/1.0/" xmlns:tel="http://tel.search.ch/api/spec/result/1.0/">
    <id>https://tel.search.ch/api/920b2b17d1aca9724a94b8799a2d8bec/3ef5060d32cfd964fd5ab00ac3fb0762</id>
    <title type="text">tel.search.ch API Search Results</title>
    <generator version="1.0" uri="https://tel.search.ch">tel.search.ch</generator>
    <updated>2021-01-08T03:00:00Z</updated>
    <link href="https://tel.search.ch/result?was=ikea" rel="alternate" type="text/html" />
    <link href="http://tel.search.ch/api/?was=ikea&amp;key=920b2b17d1aca9724a94b8799a2d8bec" type="application/atom+xml" rel="self" />
    <link href="http://tel.search.ch/api/?was=ikea&amp;pos=11&amp;key=920b2b17d1aca9724a94b8799a2d8bec" rel="next" type="application/atom+xml" />
    <openSearch:totalResults>22</openSearch:totalResults>
    <openSearch:startIndex>1</openSearch:startIndex>
    <openSearch:itemsPerPage>10</openSearch:itemsPerPage>
    <openSearch:Query role="request" searchTerms="ikea " startPage="1"></openSearch:Query>
    <openSearch:Image height="1" width="1" type="image/gif">https://www.search.ch/audit/CP/tel/de/api</openSearch:Image>
    <entry>
        <id>urn:uuid:828e1e4efe6d083a</id>
        <updated>2021-01-08T03:00:00Z</updated>
        <published>2021-01-08T03:00:00Z</published>
        <title type="text">IKEA AG</title>
        <content type="text">IKEA AG
    Einrichtungshaus
    Grüssenweg 21
    4133 Pratteln BL
    *0848 801 100 CHF 0.08/Min.</content>
        <tel:nopromo>*</tel:nopromo>
        <author>
            <name>tel.search.ch</name>
        </author>
        <link href="https://tel.search.ch/pratteln/gruessenweg-21/ikea-ag-2" title="Details" rel="alternate" type="text/html" />
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        <tel:pos>1</tel:pos>
        <tel:id>828e1e4efe6d083a</tel:id>
        <tel:type>Organisation</tel:type>
        <tel:name>IKEA AG</tel:name>
        <tel:occupation>Einrichtungshaus</tel:occupation>
        <tel:street>Grüssenweg</tel:street>
        <tel:streetno>21</tel:streetno>
```

- ☺

- https://github.com/toshyjoe/android-first-project