

Mobile search for employees

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Motivation

- **On the go**
 - You must contact a specific person of a specific organisation
 - You need exactly to know how to get to the place of your meeting.
 - 👉 That starts in 5 minutes!

Solution in regards to contents

- **Develop smartphone application that**
 - provides search functionality for persons
 - supports most mobile operating systems
 - has interactive maps
 - let you contact persons immediately

Solution technically

- **Titanium Framework for mobile application development**
- **Java EE/Spring HTML application holds data**
- **REST-Webservice as communication layer between**

Titanium

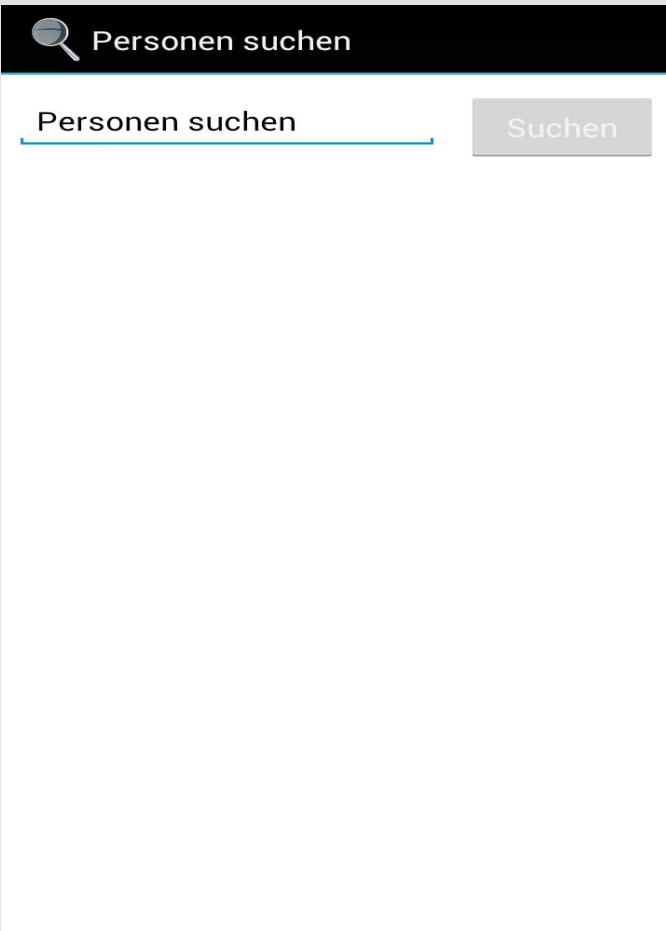
- **Cross platform development framework for native smartphone applications**
- **Based on XML and Javascript**
- **Compiles developed code to target platform native code**

Java EE / Spring application

- Full fledged HTML frontend
- Holds and manages data
- Provides full text search functionality via Rest webservice

REST webservices

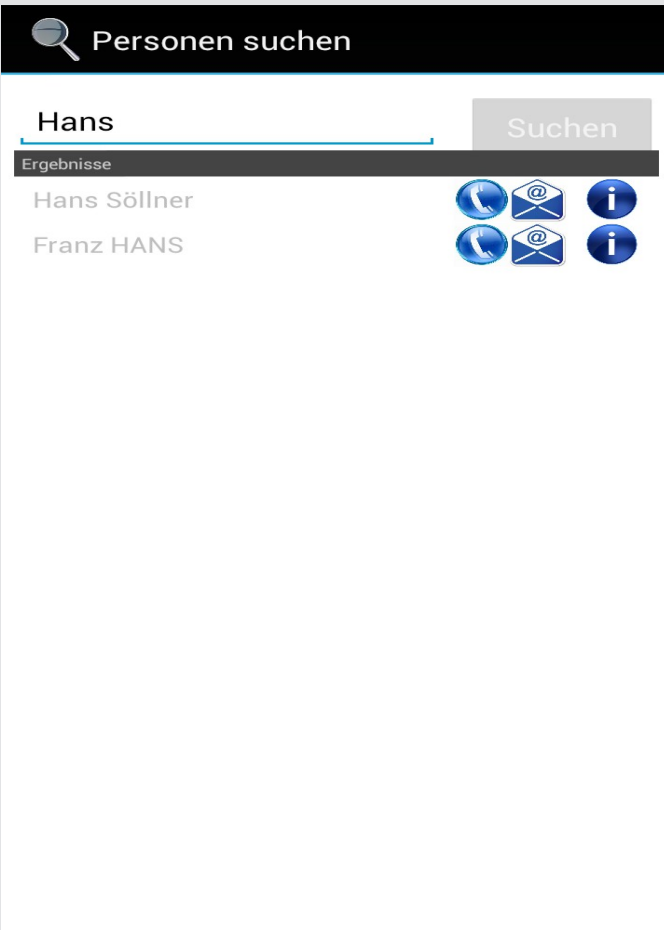
- **Used for data exchange between Java EE / Spring and mobile application**
- **Less overhead than SOAP webservices**



The screenshot shows a mobile application interface. At the top, there is a black header bar with a magnifying glass icon and the text "Personen suchen". Below this is a white search bar with the placeholder text "Personen suchen" and a blue underline. To the right of the search bar is a grey button with the text "Suchen". The main area of the screen is white and empty. At the bottom, there is a grey bar with four circular icons: a magnifying glass, a green square, a magnifying glass, and a magnifying glass.

Start screen

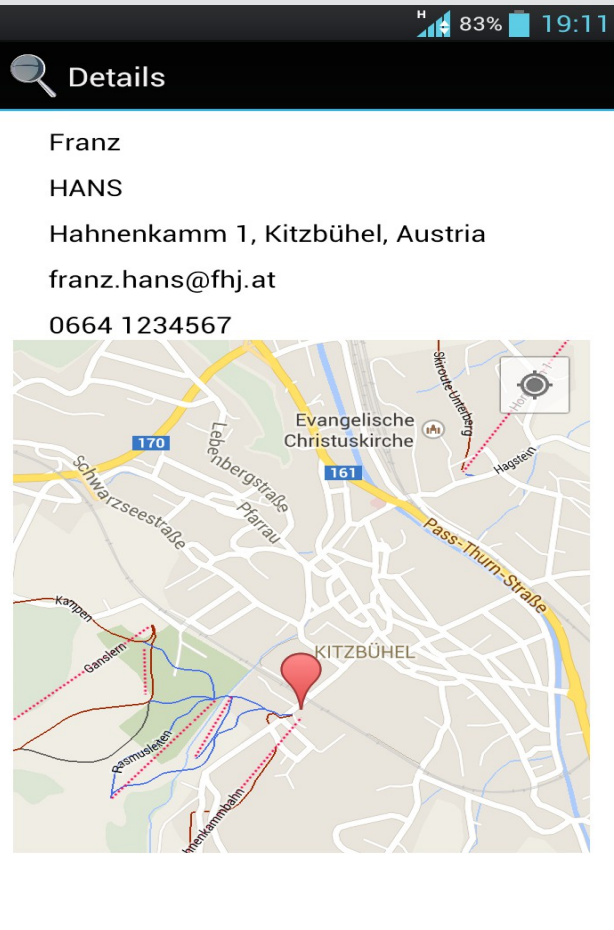
- Start screen with the preselection to search for employees
- Search field is focused



Search results

- Short listing of results
- Ability to directly
 - call
 - view map
 - send email
 - view additional information

Details to person with interactive map



- Phone number
- E-mail address
- Map with
 - Interactive destination address
 - Users current position

Thank you very much