

## **Foreword**

This document is aimed to provide instructions and helps to developers of Project-Seppia.

Date: **2016.08.27**

# 1 Team

## 1.1 Team Composition

Name	Job
<i>Yangyang Liu</i>	<i>Android</i>
<i>David</i> (Tianjin) Xu	<i>Server, Backend (Person in charge)</i>
<i>Qi Zhang</i>	<i>Android (Person in charge)</i>
<i>Marc Müller</i>	<i>Web</i>
<i>Guangde Zhang</i>	<i>Android</i>
<i>Lance</i>	<i>Server, Backend</i>
<i>Orange</i>	<i>Android</i>
<i>Siyun Shen</i>	<i>UI, Logo, Icon Design</i>

## 2 Functionality

### 2.1 System Settings

- Font: Arial.
- Dual Language: Because the app should be able to switch between German and English, the Text in UIs should be replaced by dynamic Keys.
- UI basic color tone: **RGB 255 128 0**

### 2.2 Sign Up

- Password: 1. At least 8 digits. 2. Must have English letters and numbers (both). 3. Case sensitive(Upper and lower cases are different)
- User attributes: **Required:** Name, Email (with verify) and IMEI code **Optional:** Age, Gender, and Region.
- IMEI code is not provided by the user, android has function to extract these information. (IMEI on GSM, MEID for CDMA)

- Name should be at least 5 characters, only allows number and English letter, case sensitive. One letter (Upper/lower cases) is mandatory but number is not.

## 3 Phases

### 3.1 Phase I

#### 3.1.1 Target

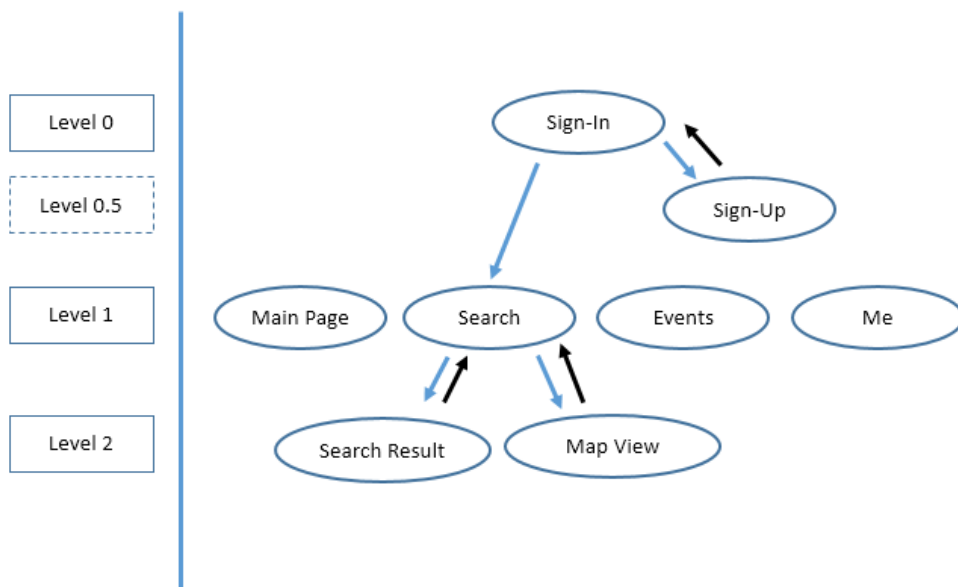
The target of Phase I is to finish the basic functions of our Android and Web end programs.

#### 3.1.2 Details

Android: Finish layout design of Login-, Register-, Search- and Profile-Page and test functionality on Android-Studio emulator or real Android devices.

Web: Android equivalent version.

#### 3.1.3 Page-Level

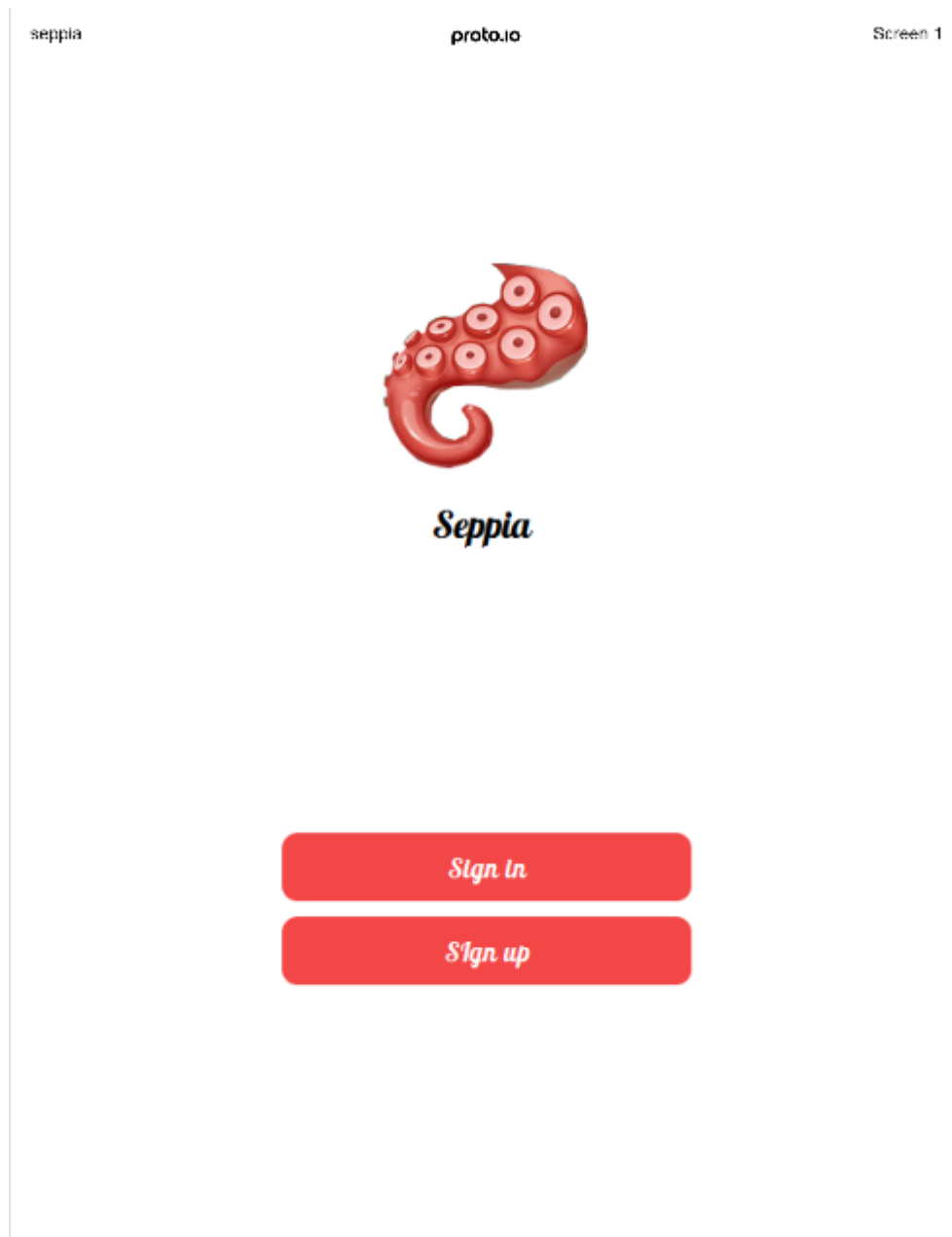


Black Arrow means back button.

Blue Arrow means advance to next level.

### 3.1.4 Pages

#### 3.1.4.1 Sign-In



2 Buttons: Sign-In, Sign-Up

Navigation: Sign in button link to Page Search, Sign up button link to Page Sign-Up

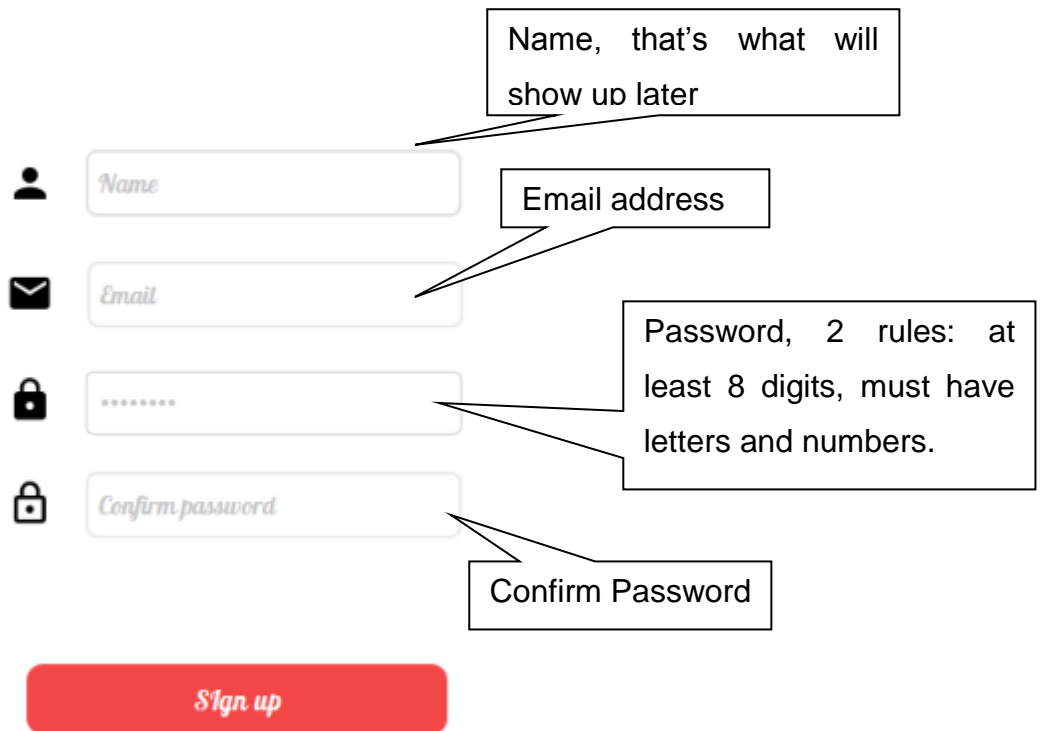
Logo is assigned to Shen, will be done in 20160828.

### 3.1.4.2 Sign-Up

seppia

proto.io

screen 2



The image shows a sign-up form with four input fields and a red 'Sign up' button. Each field has an icon to its left and a placeholder text. Annotations with callout boxes provide additional information for each field:

- Name:** Indicated by a person icon and the placeholder 'Name'. The annotation states: 'Name, that's what will show up later'.
- Email:** Indicated by an envelope icon and the placeholder 'Email'. The annotation states: 'Email address'.
- Password:** Indicated by a lock icon and the placeholder '.....'. The annotation states: 'Password, 2 rules: at least 8 digits, must have letters and numbers.'
- Confirm password:** Indicated by a lock icon and the placeholder 'Confirm password'. The annotation states: 'Confirm Password'.

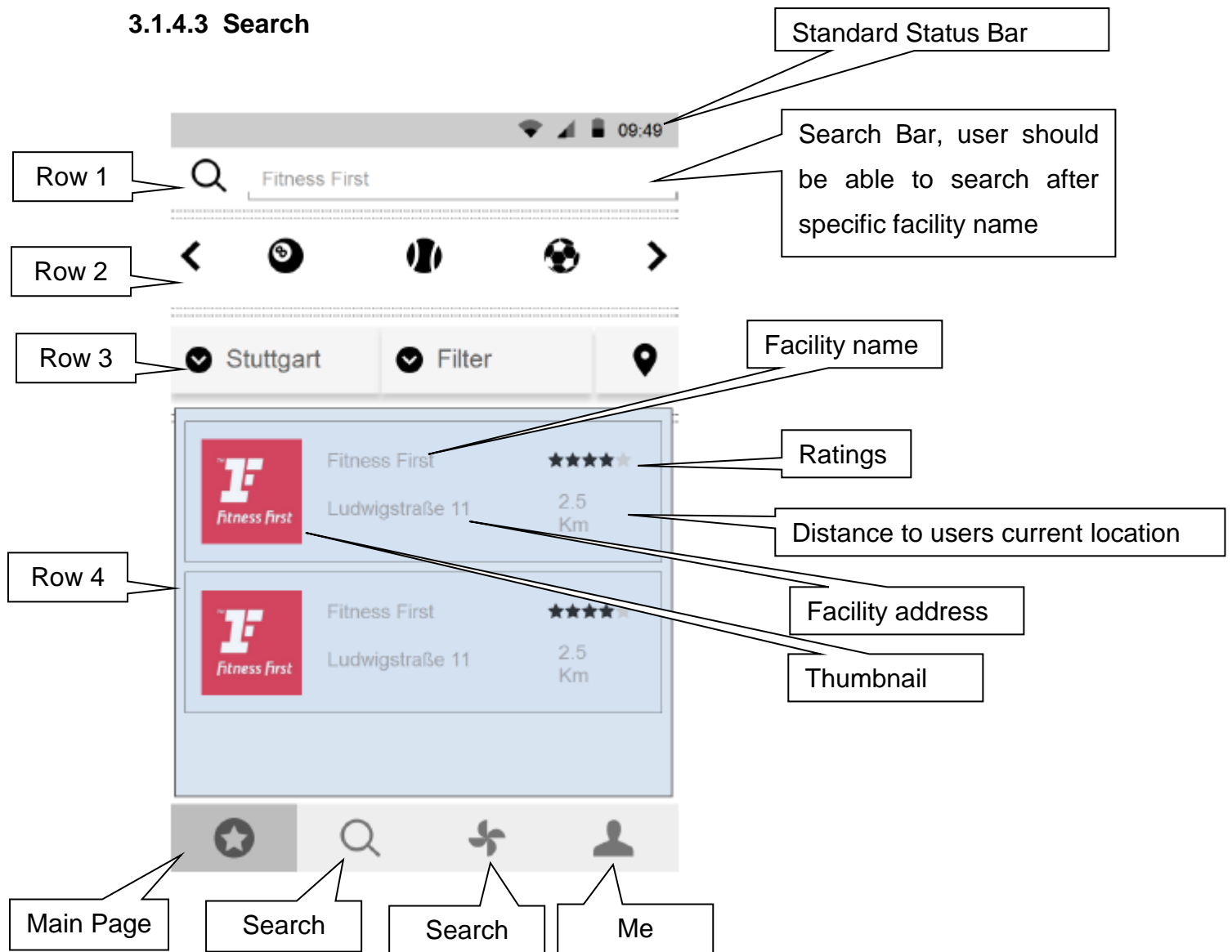
The 'Sign up' button is a red rounded rectangle located at the bottom of the form.

Button: Sign Up, Back

Navigations: Back Button link to page Sign-In

Functions: Sign-In Button will create a User-Account, with the information above.

### 3.1.4.3 Search



Row 1: Search Bar, user can search after facility name, after pressing enter or pressing the "Search Icon" the search request is sent to Web Service.

Row 2: Set current sport type, only 1 sport type can be selected currently. The selected sport type should be placed in the center of the 3 sports icon and the background of this selected sport type should be grey.

Row 3: First: drop down box of cities, the default city should be based on user current location. After user clicked on drop down, a list of cities should be shown. These cities should be sorted after alphabetic order.

Second: drop down box of **sequence** type.(I have made a mistake here, instead of filter it should be **Sequence/排序**) The default should be based on location which means the nearest facility should be on the top of the list. All filter type include: a. location b. cost c. ratings

Third: Open google maps and show users' current location and all the facilities in 20 km radius.

Row 4: Scroll View, shows the information about facilities. User should be able to scroll up/down to see further search result.



## **4 Rules About Github**

- Please double check the material you are gonna upload, all docs, codes, comments and other project related materials should be in English.