

Foreword

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

Date: **2016.09.02**

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>
Guangde <i>Zhang</i>	<i>Android</i>
<i>Lance</i>	<i>Server, Backend</i>
<i>Orange</i>	<i>Android</i>
Siyun <i>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.
- Name is used as alias. 1 Email address corresponds to 1 name.

- 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. Name should not be duplicated.

3 Phases

3.1 Phase I

3.1.1 Target

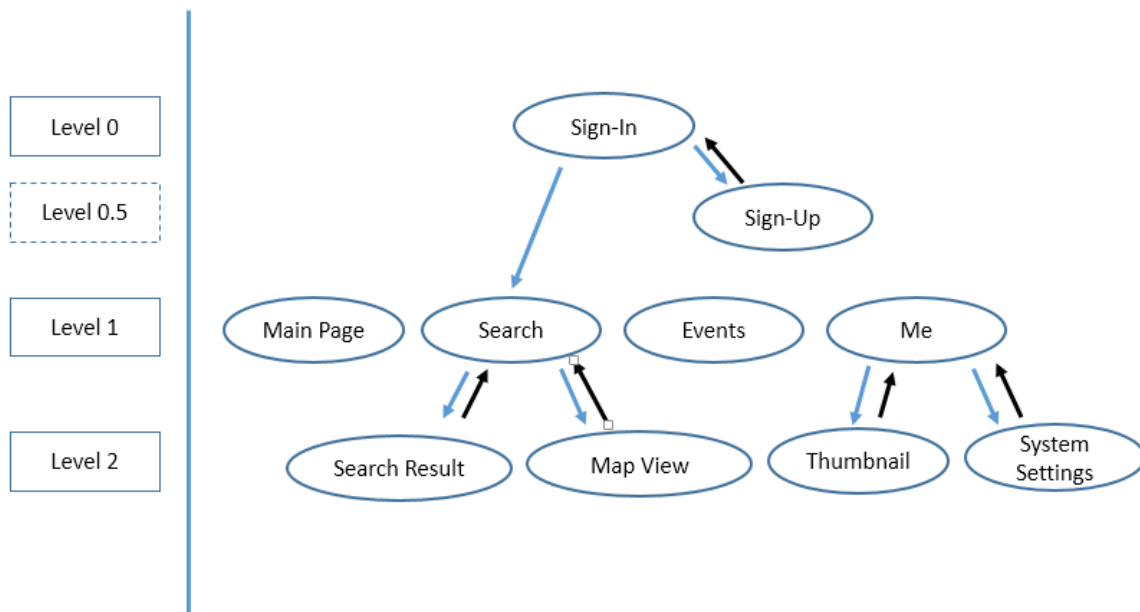
The target of Phase I is to finish the basic functions of our Android and Web end programs.

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



3 Buttons: Sign-In, Sign-Up, Forget Password

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

Forget Password link to Page Pwd-Change.

CheckBox: When checked, after successfully Signed In, the user will automatically sign in next time.

3.1.4.2 Sign-Up

The image shows a mobile application interface for a sign-up process. The status bar at the top indicates 'PROTO.IO', the time '11:58', and a battery level of '90%'. The form consists of five input fields, each with an icon to its left: an envelope for 'Email', a person for 'Name', a padlock for 'Password', another padlock for 'Confirm Password', and a hash symbol for 'Verification Code'. Callout boxes provide additional information: 'Email address' points to the Email field; 'Name, that's what will show up later' points to the Name field; 'Password, 2 rules: at least 8 digits, must have letters and numbers.' points to the Password field; 'Confirm Password' points to the Confirm Password field; 'Verification Code received from Email' points to the Verification Code field. At the bottom, there are two orange buttons: 'Sign Up' and 'Cancel'. Callout boxes explain these buttons: 'Direct to Search Page' points to the 'Sign Up' button, and 'Return to Sign In Page' points to the 'Cancel' button.

Email address

Name, that's what will show up later

Password, 2 rules: at least 8 digits, must have letters and numbers.

Confirm Password

Verification Code received from Email

Sign Up

Cancel

Direct to Search Page

Return to Sign In Page

Button: Sign Up, Cancel

Navigations: Cancel Button link back to page Sign-In

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

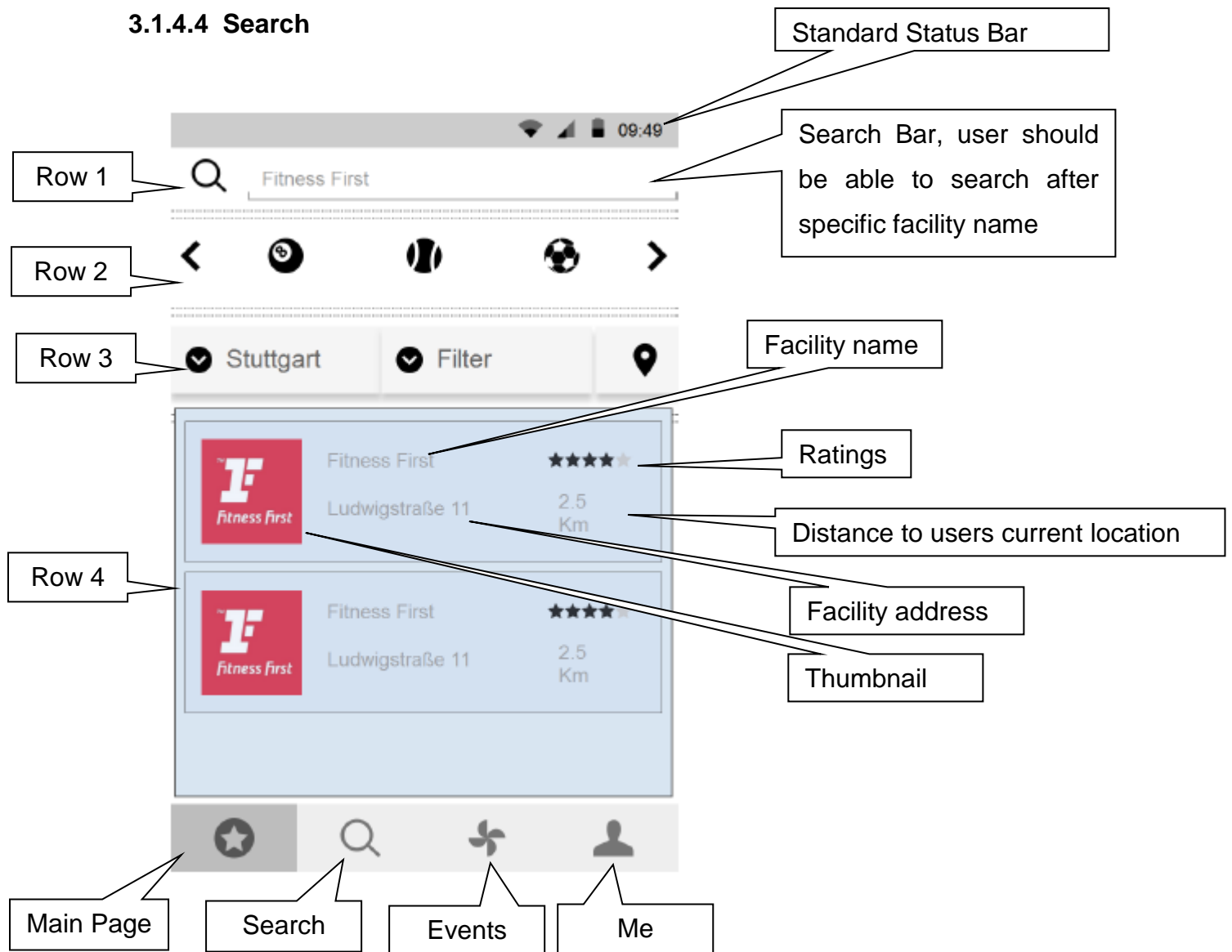
3.1.4.3 Find Pwd

The image shows a mobile application interface for a 'Find Pwd' (Find Password) feature. The status bar at the top indicates the app is 'PROTO.IO', the time is '11:58', and the battery is at '90%'. The main content area contains four input fields, each with a corresponding icon to its left: an envelope icon for 'Email', a padlock icon for 'New Password', another padlock icon for 'Confirm Password', and a hash symbol '#' for 'Verification Code'. At the bottom of the form are two orange buttons: 'Sign In' and 'Cancel'. Two callout boxes with arrows point to these buttons. The 'Sign In' button is associated with the text 'Proceed to Search Page'. The 'Cancel' button is associated with the text 'Return to Sign In Page'.

Button: Sign In, Cancel

This page helps user to reset their password in case they forget about it.

3.1.4.4 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.

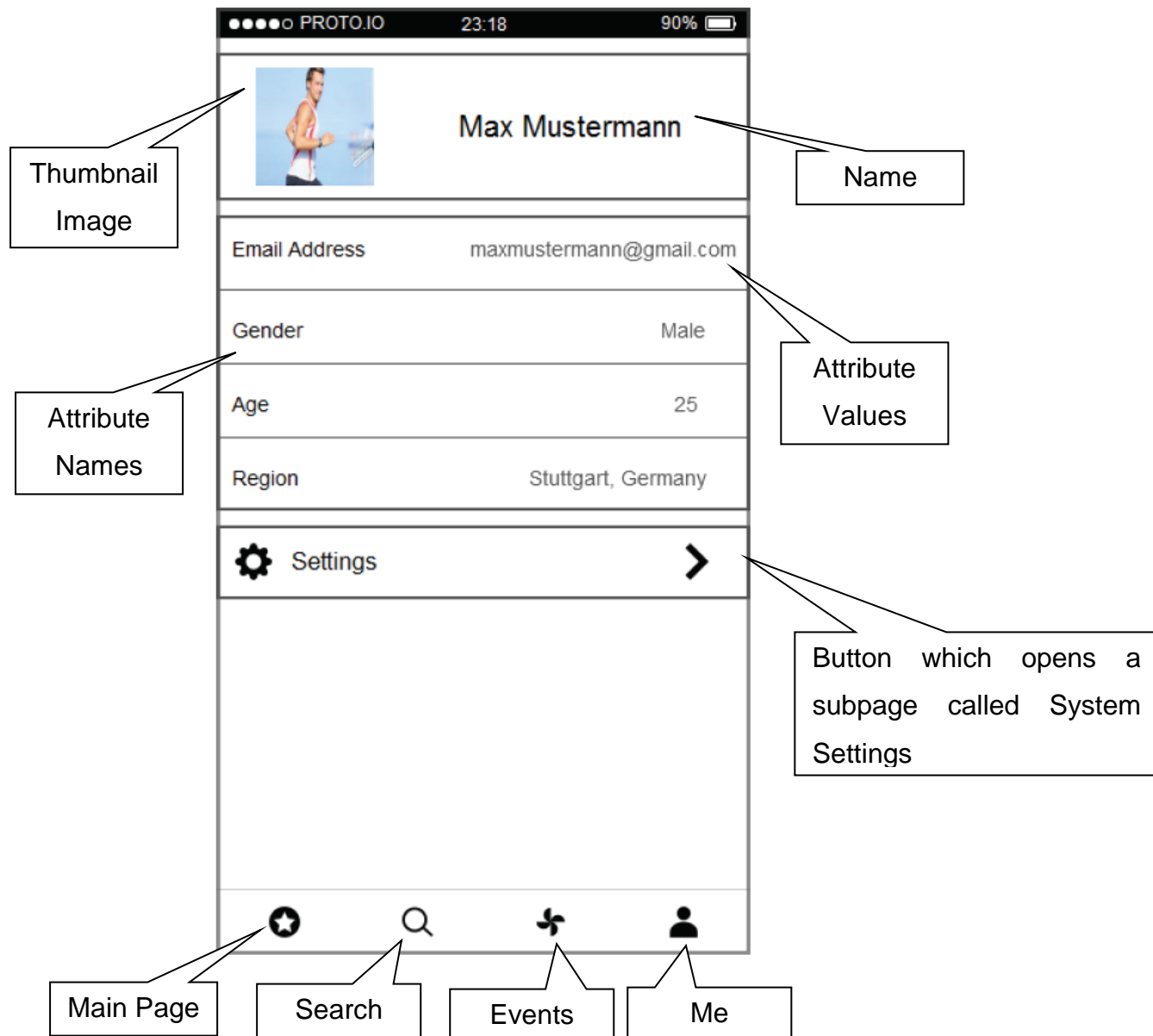
Row 3: First: drop down box of cities, the default city should be based on user current location. After user clicked on drop down, a list of cities should be shown. These cities should be sorted after alphabetic order.

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.

3.1.4.5 Me



Thumbnail Image: when user taps the Thumbnail Image, a subpage will be open and the thumbnail image is enlarged to full screen. User can then choose to change the Thumbnail Image in this subpage.

Name of the user cannot be edited, that means user only has one chance to choose the right name.

Attribute values should be edited at users' will, this means user can edit this value whenever they want. And when the user left this "Me" Page, any change of the attribute values should be uploaded to the server.

The right arrow button above will switch to a subpage called system settings. (Actual demonstration of this button can check the App Wechat in page "Me/我")

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.