Foreword

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

Date: **2016.09.05**

1 Team

1.1 Team Composition

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

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.
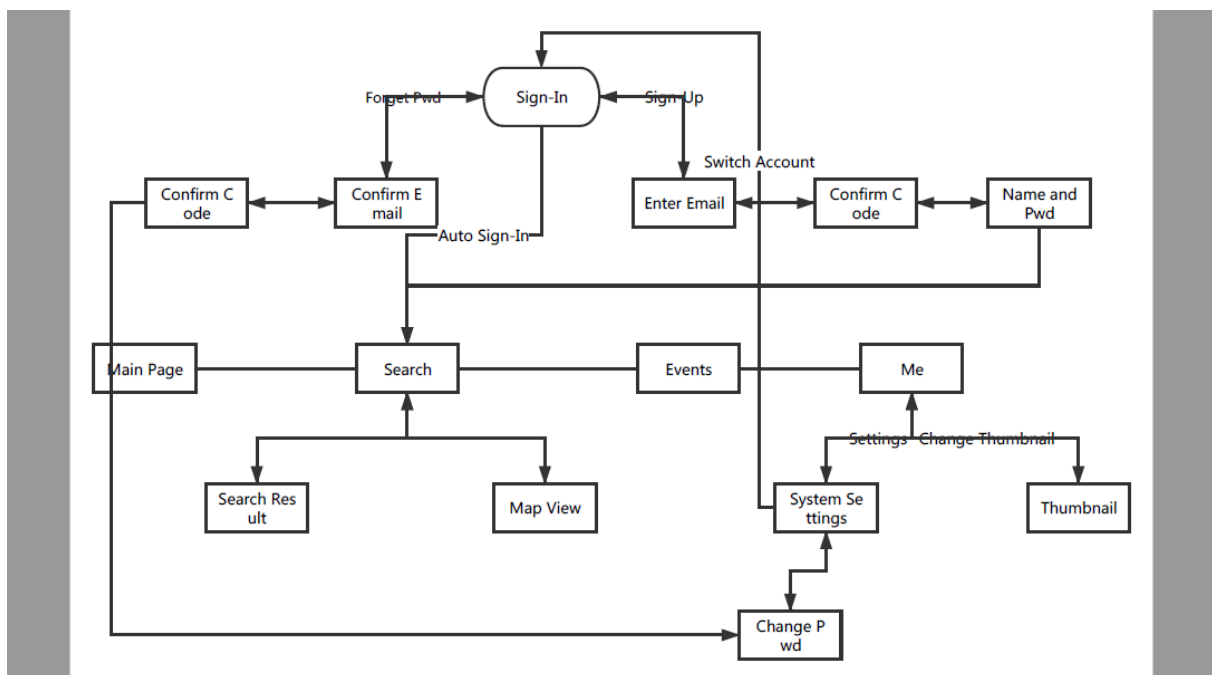
3 Phases

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.

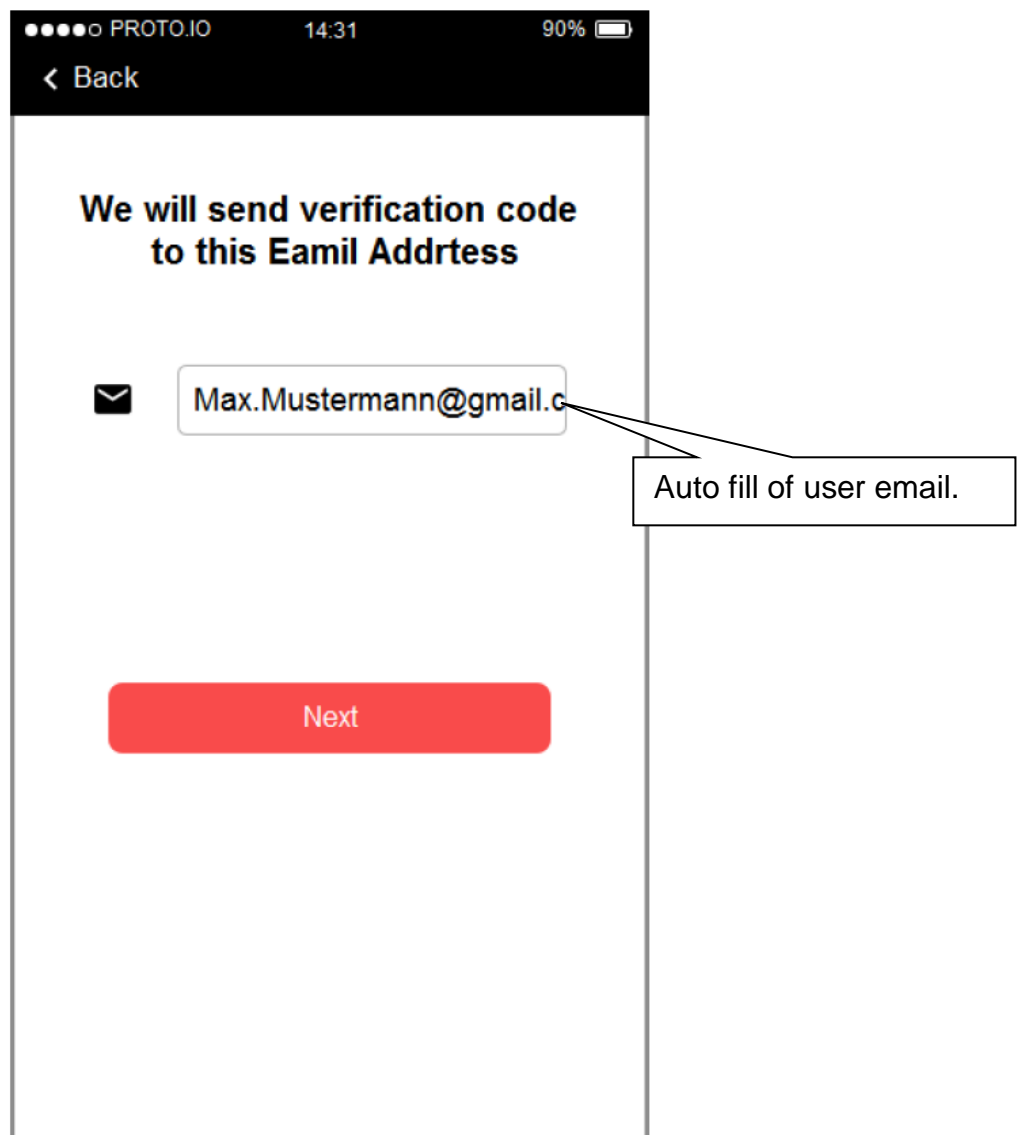### 3.1.3 Page-Level

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 Confirm Email

Button: Next

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

3.1.4.3 Find Pwd

Verification code has been sent, please enter the code

✉ Email

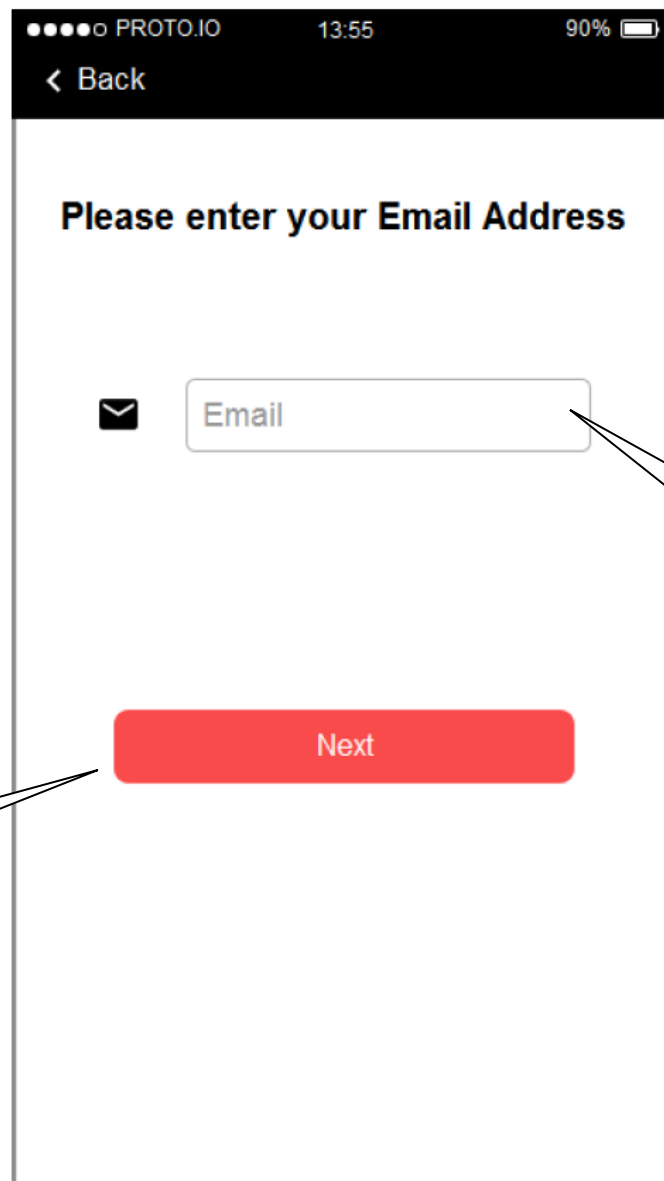\# Verification Code

Resend code

Send

Enter Verification Code

User can choose to resend code, it has a 60sec cool down

Here should the user Email also be auto filled

Proceed to Change Pwd

Button: Send

3.1.4.4 Enter Email

Please enter your Email Address

Email

Next

User enter their email for verification here.

Proceed to Confirm Code.

3.1.4.5 Name and Pwd

User choose a costumed Name for themselves

Proceed to Search.

3.1.4.6 Search

Standard Status Bar

Search Bar, user should be able to search after specific facility name

Row 1

Row 2

Row 3

Facility name

Ratings

Distance to users current location

Facility address

Thumbnail

Row 4

Main Page

Search

Events

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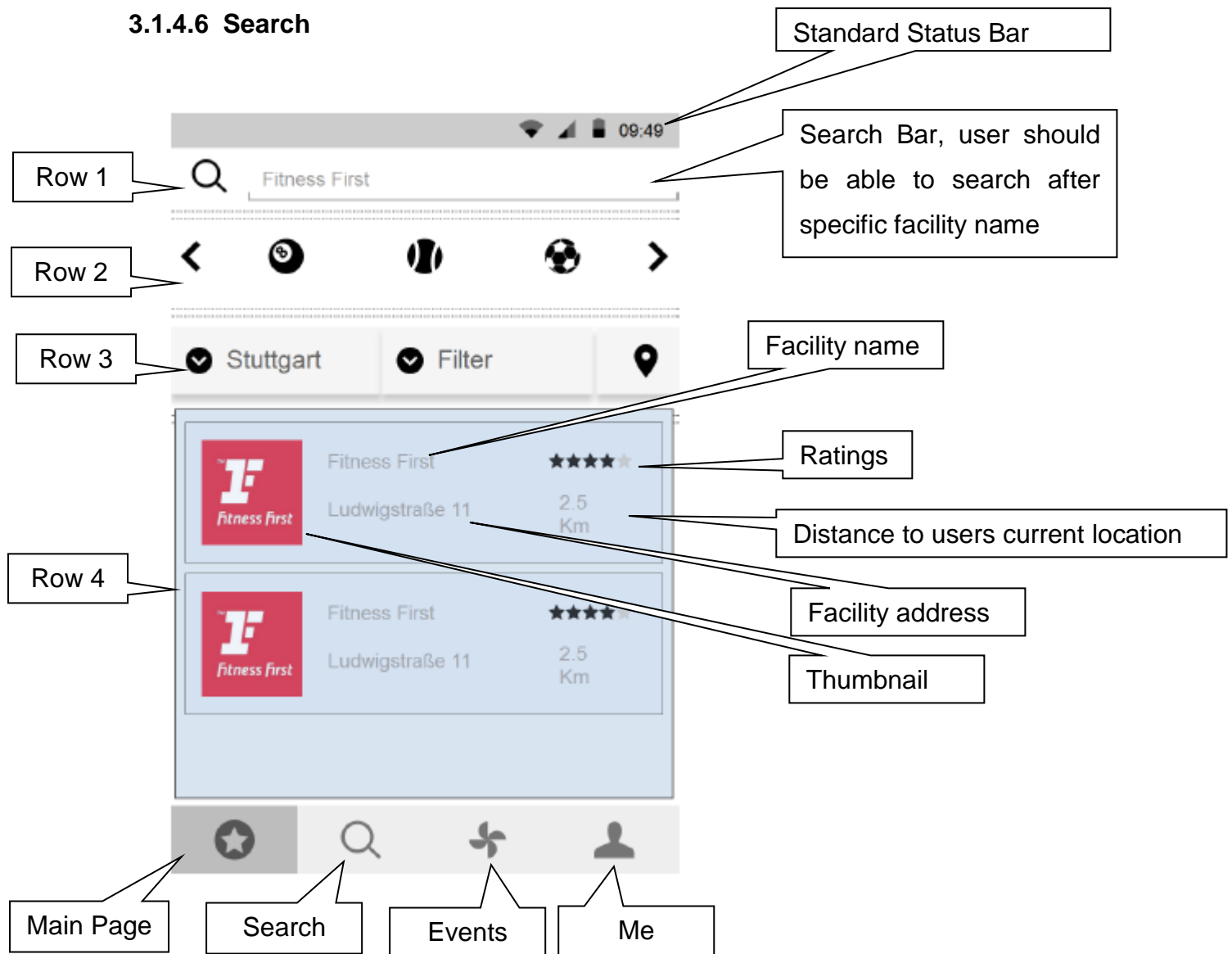
Row 1: Search Bar, user can search after facility name, after pressing enter or pressing the "Search Icon" the search request is sent to Web Service.

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.

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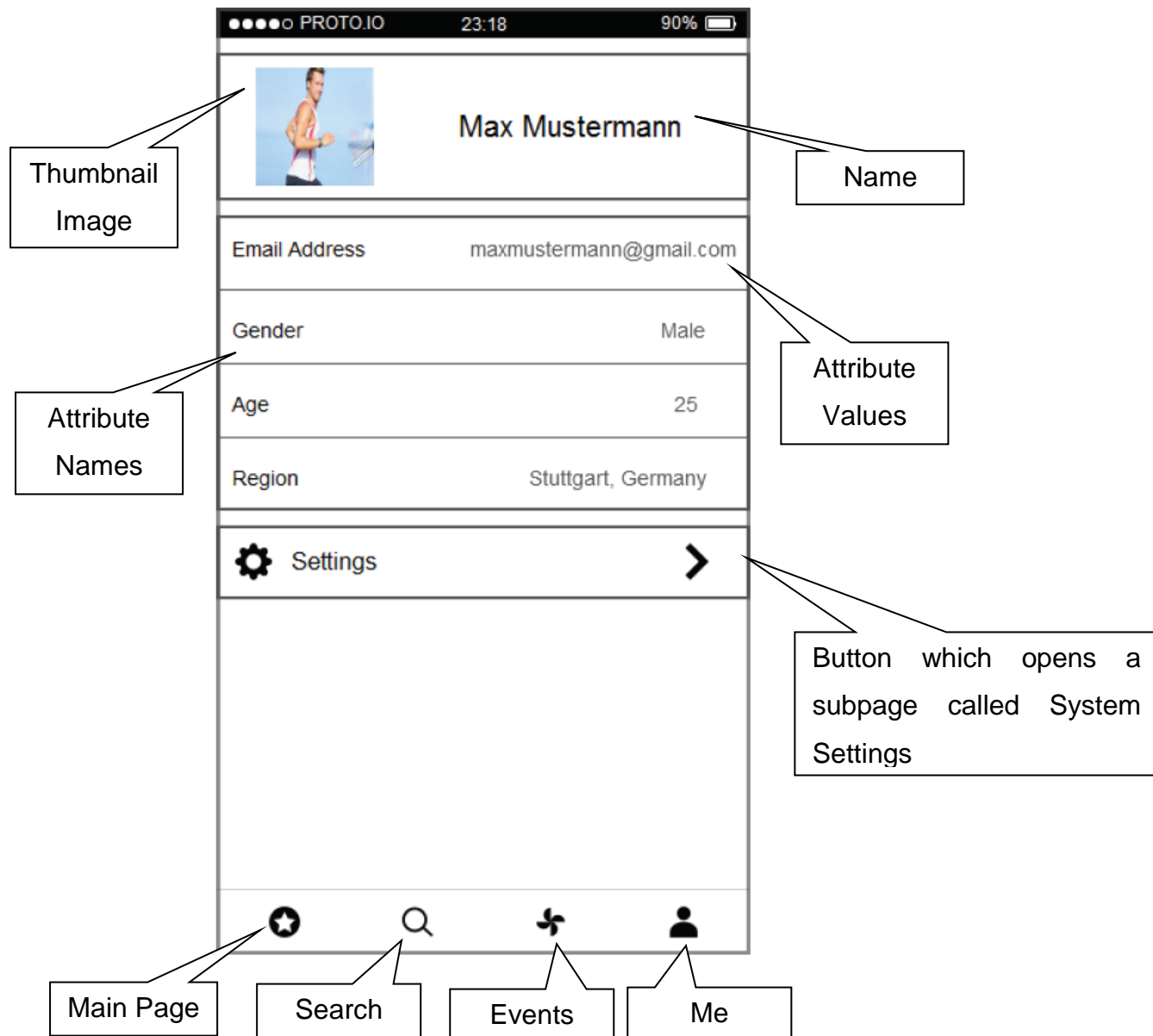
Thumbnail Image: when user taps the Thumbnail Image, a subpage will be open and the thumbnail image is enlarged to full screen. User can then choose to change the Thumbnail Image in this subpage.

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")

3.1.4.8 System Settings
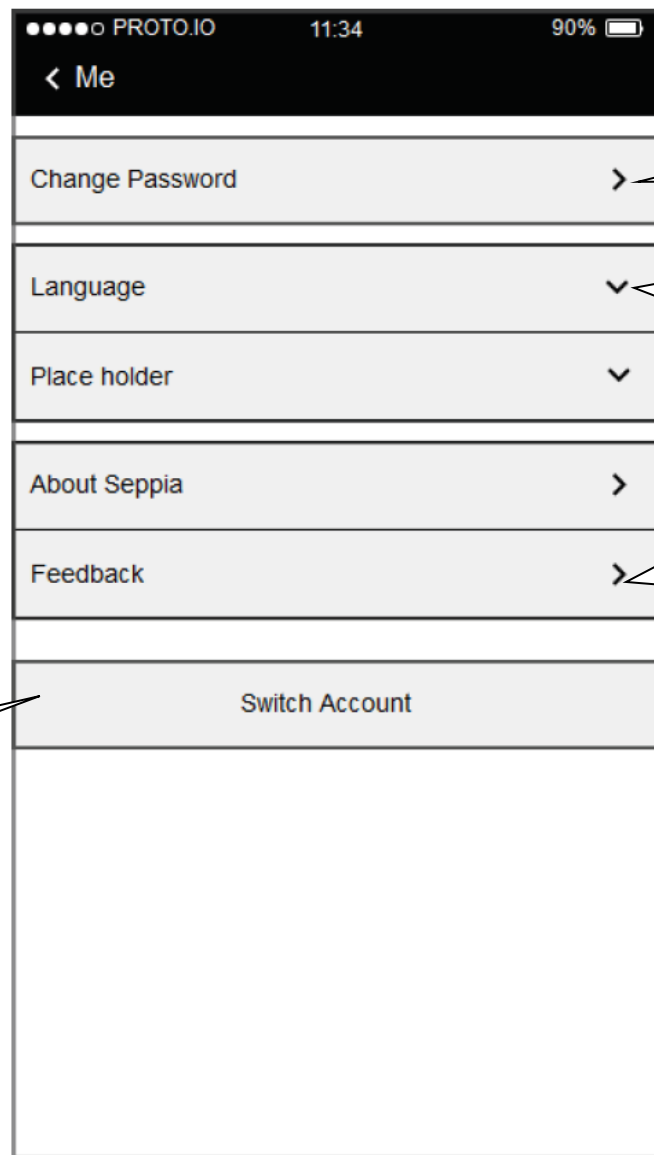
Link to Change Pwd page

Dropdown box, user can choose the UI language here

Link to About Seppia Page, a brief explain of Seppia

Link to Feedback Page, user can send their complaints, potential improvements and so on

Switch Account, link back to Sign-In Page

3.1.4.9 Change Pwd

Email Address here are fixed, auto filled, which user cannot change

This Button will update the users new Pwd.

Email   Max.Mustermann@gmail.com

Pwd   XXXXXXXXX

Confirm Pwd   XXXXXXXXX

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.