
SIMBA *Android Documentation*

Release latest

Jul 17, 2018

Contents

1	Installation	3
2	Prerequisites	5
3	Usage	7
3.1	There are several screens in the app	7
3.2	Modifying/Setting up getting	7
4	More Info	9
4.1	TitleScreen	9
4.2	Most Recent Audits	9
4.3	Descriptive Audits	9
4.4	Post	10
5	Links	11



This app allows the user to connect to a Swagger-based API of their choice and, using Retrofit, allow the user to both get information from and send information to the API.

CHAPTER 1

Installation

- Hit the “Clone or Download” button in upper right corner of the github page
- Hit the “Download ZIP” button.
- “Extract the file” with your extractor of choice.
- Open Android Studio and click “Open an existing Android Studio Project.”
- Navigate to where the extracted project is and select the project directory of the project (the one that contains the “app” folder) and hit “OK.”
- After a brief install, Android Studio should open the project.

CHAPTER 2

Prerequisites

Note: These are already packaged in the app when you clone it.

- Retrofit
 - Swagger
-

3.1 There are several screens in the app

- **TitleScreen** | This is the main screen of the app, where you can access the other screens and select an account.
- **Most Recent Audits Screen** | This is the screen that displays the last 10 audits. You can click on any of them.
- **Descriptive Screen** | This is the screen that pops up whenever you click on one of the last 10 audits. It lists every element listed with the audit.
- **Post Screen** | This is the screen where you can post an audit. Fields can be left empty or populated when posting.
- More info for all of these screens in the section “More Info.”

3.2 Modifying/Setting up getting

- Change the `baseURL` variable in “`TitleScreen.java`” to your API of choice.
- Change the `@GET` and `@POST` commands in the “`SimbaClient.java`” Interface to commands relating to your chosen API.
- Add or delete as many elements relating to your API as needed, making new classes where applicable, such as in “`GetSimba.java`, `Asset.java`, and `Item.java`.”
- Change the names of the elements on the screens in order to fit the new data from your API.

4.1 TitleScreen

- From the Title Screen, you can access the others screens of the app.
- Tapping the “**POST Button**” will send you to the Post screen.
- Tapping the “**AUDIT Button**” will send you to the Most Recent Audits screen.
- Tapping the “**Account Selector**” at the top will show a list of all the accounts you can choose from.

4.2 Most Recent Audits

- From the Most Recent Audits Screen, you can see the ten most recent audits.
- If you dislike which way the audits are listed (newest to oldest), you can click the “**REVERSE**” button to show them oldest to newest.
- You can click on one of the “**audit tabs**” to access the Descriptive Screen for that audit.
- Or, you can press the “**BACK**” button at the top to go back to the Title Screen.

4.3 Descriptive Audits

- From the Descriptive Audits Screen, you can see all the elements associated with a particular audit, such as [this description](#).
- Tapping an element will bring up a **pop-up** with the element in larger text, in case it is hard to read.
- Tapping either the **CORRECT** or **INCORRECT** button will verify the audit as either correct or incorrect.
- Tapping the “**Account Selector**” at the top will show a list of all the accounts you can choose from.
- Or, you can press the “**BACK**” button at the top to go back to the Most Recent Audit Screen.

4.4 Post

- From the Post Screen, you can create an audit and post it to the API.
- By tapping the white spaces, you can [edit a certain field's text](#) to send to the API.
- By tapping the **POST** button, you can send all that you have typed to API.
- Tapping the “**Account Selector**” at the top will show a list of all the accounts you can choose from.
- Or, you can press the “**BACK**” button at the top to go back to the Title Screen.

CHAPTER 5

Links

[Swagger](#)

[Retrofit](#)

[Github Repo](#)

[SIMBA Website](#)