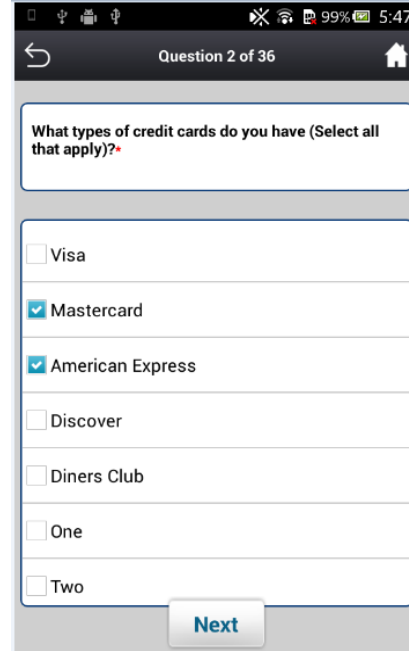
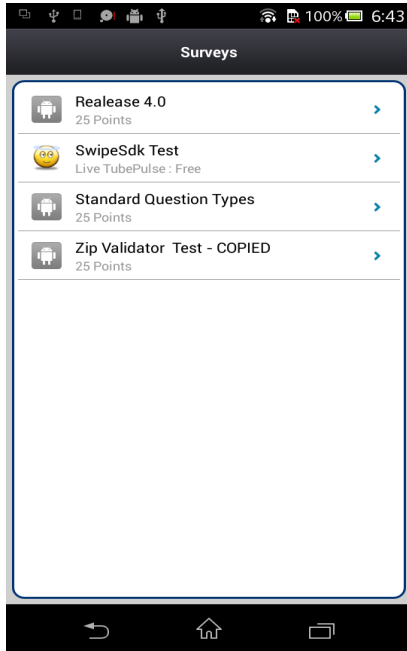


Survey Analytics Android SDK

v1.0

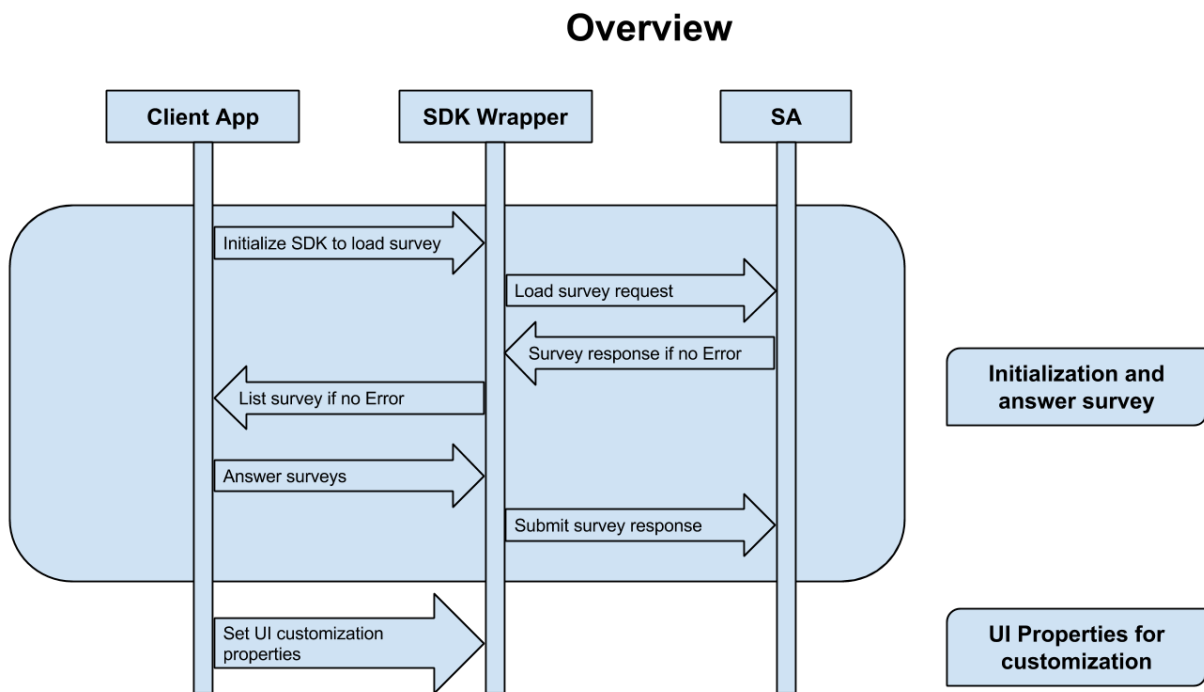


Content

- Overview
- Use Cases
- Requirements
- Initial setup
- How to use SDK
- Mandatory setup
- Credentials
- Optional setup
- Usability

Overview

The Android SDK provides facilities to integrate our survey module in your existing Android application. It provides an easy way to add and configure survey module in your mobile application and collect the survey responses.



Use Cases

The SDK supports two modes or two use cases: List of **Multiple surveys** and **Single Survey**.

Multiple Surveys

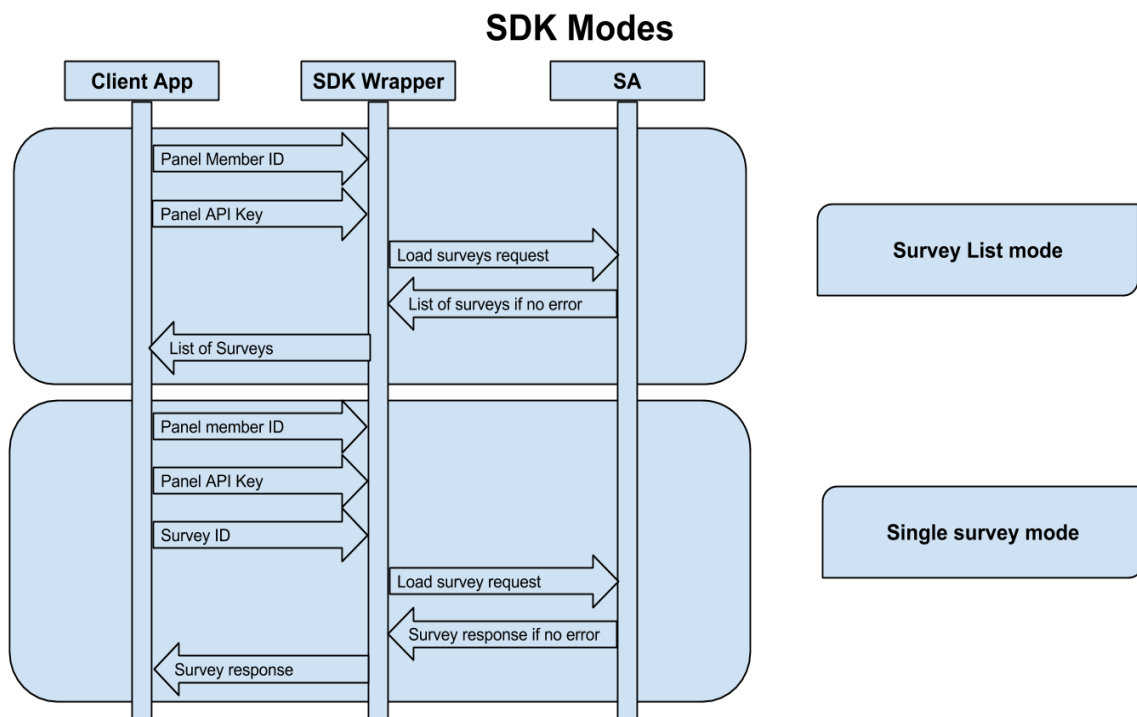
List of all surveys which is assigned to your panel member.

1. Set API key of your account .
2. Set panel member ID of your account.

Single Survey

Get a specific survey which is assigned to your panel member.

1. Set API key of your account.
2. Set panel member ID of your account.
3. Set specific survey ID which you want to answer.



Requirements

- Eclipse or ADT bundle.
- Android 3.0 or later.
- Android Phone or Tablet .

Initial setup

1. Download the SDK or clone this repository. This SDK contains .jar, required resources(layouts, drawables, strings) with release notes. It also contains the sample application which shows how it works.
2. Copy this SDK to your workspace.
3. Add this SDK as a library project in your main application. Follow the steps:
 - ☐ Right click on your main application.
 - ☐ Select Properties --> Android.
 - ☐ Add SDK as a library project.

How to use SDK

To call SDK intent from your main application, use below lines of code:

import following classes

com.surveyanalytics.androidsdk.Utilities.Constants;

com.surveyanalytics.androidsdk.SurveysListActivity

```
Intent intent=new Intent (MainActivity.this,//your current activity context
                        SurveysListActivity.class);
intent.putExtra(Constants.PANEL_MEMBER_ID, <your_panel_member_id>);//Mandatory
intent.putExtra(Constants.PANEL_API_KEY,<your_panel_api_key>);//Mandatory
intent.putExtra(Constants.SURVEY_ID, <survey_id>);//Optional
startActivity(intent);
```

Note:In our demo application we added mandatory information in SDK itself, so no need to worry.

“**your_panel_member_id**” is panel member id, user can get surveys which is assigned for that panel member only. **Note:**It is mandatory field.

“**your_panel_api_key**” is panel api. **Note:**It is mandatory field.

“survey_id” is the survey id if user want to get specific survey else left it blank.**Note:**It is optional field.

Mandatory setup

Add below permissions in main application’s “AndroidManifest.xml” file

```
<uses-permission android:name="android.permission.INTERNET" />
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
<uses-permission android:name="android.permission.ACCESS_MOCK_LOCATION" />
<uses-permission android:name="android.permission.ACCESS_COARSE_LOCATION" />
<uses-permission android:name="android.permission.ACCESS_FINE_LOCATION" />
<uses-permission android:name="android.permission.USE_CREDENTIALS" />
<uses-permission android:name="android.permission.READ_CONTACTS" />
<uses-permission android:name="android.permission.ACCESS_WIFI_STATE" />
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE" />
<uses-permission android:name="android.permission.RECORD_AUDIO" />
<uses-permission android:name="android.permission.CAMERA" />
<uses-permission android:name="android.permission.GET_TASKS" />
<uses-feature
    android:name="android.hardware.camera"
    android:required="false" />
```

Also define the following activities

```
<activity
    android:name="com.surveyanalytics.androidsdk.SurveysListActivity"
    android:exported="true"
    android:screenOrientation="portrait"></activity>
<activity
    android:name="com.surveyanalytics.androidsdk.TakeSurvey"
    android:exported="true"
    android:windowSoftInputMode="adjustPan"
    android:screenOrientation="portrait"></activity>
<activity
    android:name="com.surveyanalytics.androidsdk..ImagePreview"
    android:screenOrientation="portrait"></activity>
<activity
    android:configChanges="keyboardHidden|orientation|keyboard"
    android:name="com.surveyanalytics.androidsdk.AudioVideoPlayer"
    android:screenOrientation="landscape"></activity>
<activity
    android:configChanges="keyboardHidden|orientation|keyboard"
    android:name="com.surveyanalytics.androidsdk.VideoCapture"
    android:screenOrientation="landscape"></activity>
<activity
    android:configChanges="keyboardHidden|orientation|keyboard"
```

```
android:name="com.surveyanalytics.androidsdk.ThanksAcitivity"  
android:screenOrientation="portrait"></activity>
```

Credentials

Your mobile integration requires at least two values. To get list of surveys you need 'panel_api_key' and 'panel_member_id'. If you want to conduct specific survey then you need 'survey_id' as additional parameter.

You can obtain these values once you will get SA account.

Live

To obtain your live credentials, you will need a Survey Analytics account and you will get all credentials in it.

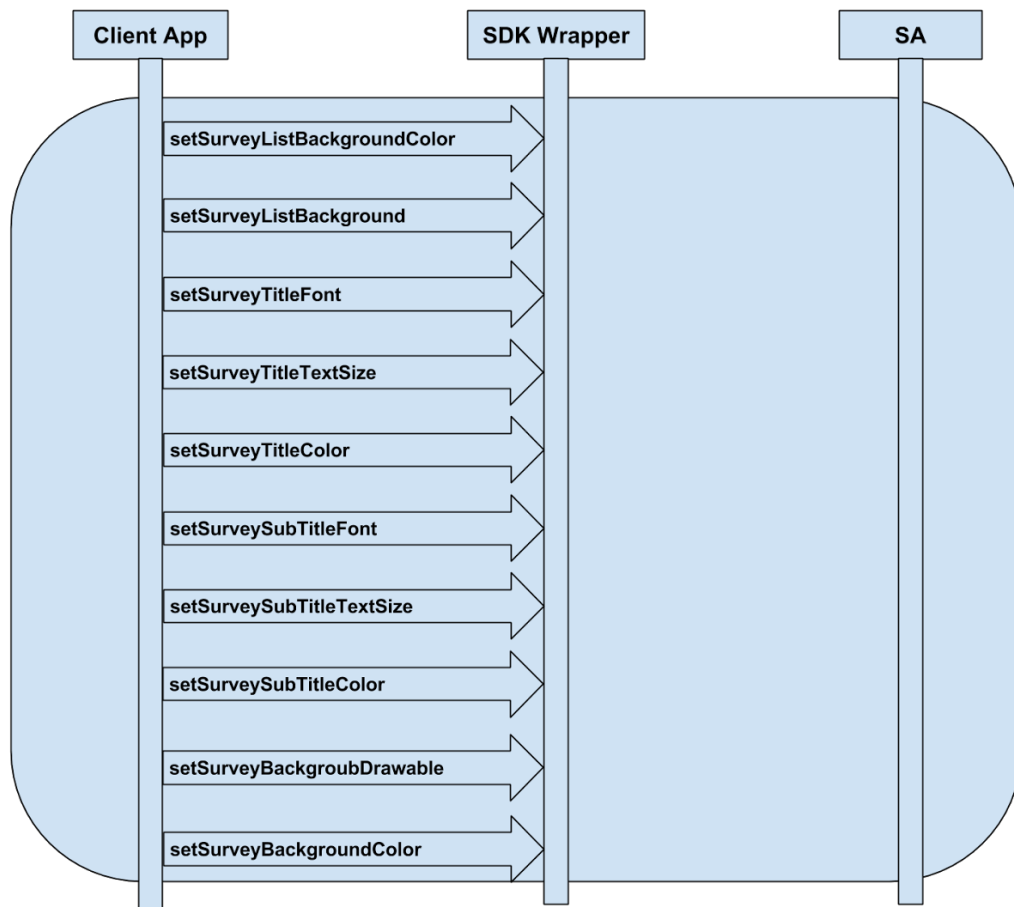
Once you get Survey Analytics account, you can get API key, Panel member ID and survey ID if required.

Optional setup

Android SDK is provide options to customize UI as per requirement. SDK apis which are used to set UI as per requirement viz. change font, style, color, etc.

for eg: you want to changes survey title font then you can set like

```
SurveyListSettings.setSurveyTitleFont\(Typeface.create\("Times new Roman", 1\)\);
```



Usability

User interface appearance and behavior is set within the library itself. For the sake of usability and consistent user experience, apps should not attempt to modify the SDK's behavior beyond the documented methods.

SDK provides some methods to change user interface. With the help of these methods in client app, you can change user interface.

Supported Question Types

Standard Questions Types

Multiple Choice

- Multiple Choice (Select one)
- Multiple Choice (Select Many)
- Drop Down Menu
- Image Chooser (Select Multiple)
- Image Chooser (Select One)
- Image Rating (Rate one or More Images)

Graphical Rating

- Star Rating
- Scale (Graphical)
- Drag and Drop Image Ranker
- Smiley – Yes/No
- Smiley – Rating

Open---Ended Text

- Comment Box
- Single Row Text
- Numeric (Freeform) Input
- Email Address

Matrix Table

- Multi---Point Scales
- Checkbox/Multi---Select
- Spreadsheet

Customer Satisfaction

- Net Promotor Score

Misc

- Rank Order
- Constant Sum
- Date/Time
- Contact Information

Presentation/Heading

- Presentation Text
- Section Heading
- Section Sub---Heading

Advanced Question Types

Conjoint Models

- Conjoint (Max---Diff)
- Conjoint(Descrete choice)

Upload

- Attach/Upload File (Hand Drawing/Photo/Audio/Video)

Data/Reference

- Dynamic LookUp Table
- Reference/Validated Data

Mobile

- Stop Watch
- BarCode

Addon Modules

- MicroPanel TM – Panel Recruitment

Image/Multimedia

- TubePulse™ Dial Testing/Video Rating

Unsupported Question Types

Standard Questions Types

Multiple Choice

- Map

Matrix Table

- Side-By-Side Matrix

Advanced Question Types

Image/Multimedia

- Heatmap - Image Testing

Addon Modules

- Complex Grid / Flex Matrix
- Facebook Connect

Data/Reference

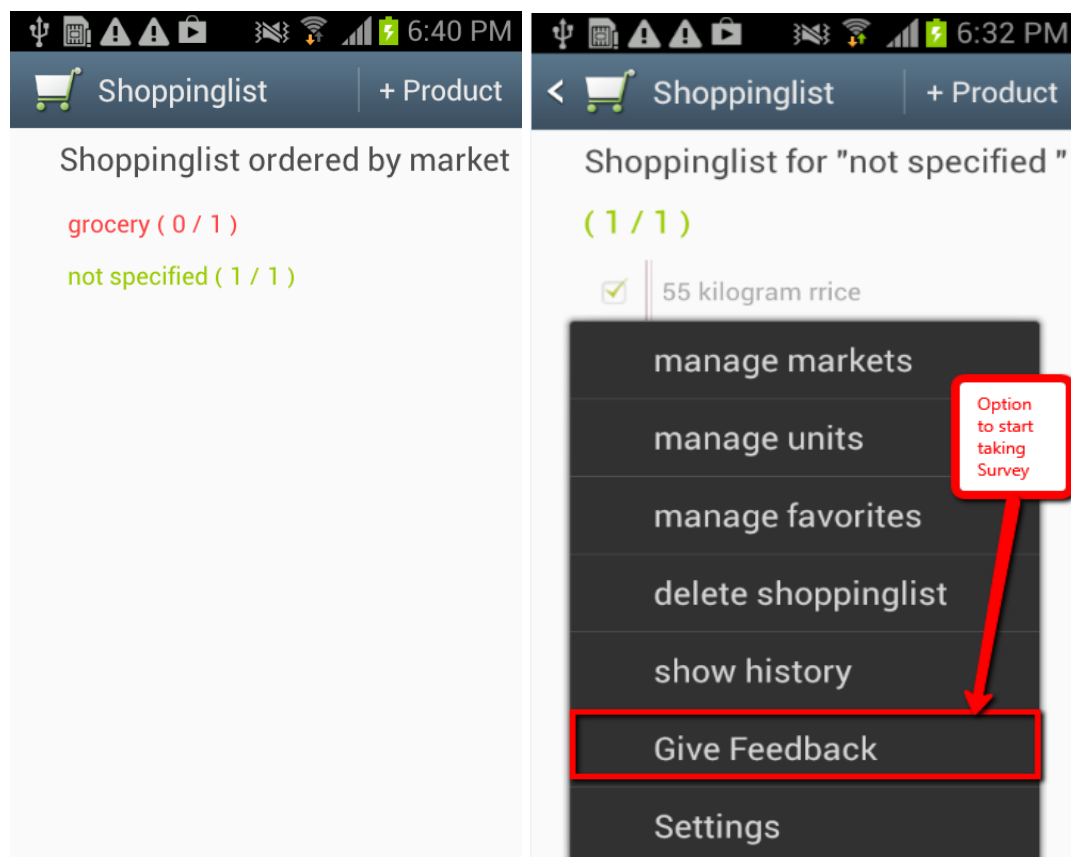
Store Locator

Sample Client App

“Shoppinglist”

This is the sample app that demonstrates the use of sdk to give a feedback of the app. This app is helpful for maintaining the shopping list. It lets you store the prices, units, etc of the items as well as the market/store from where you need to purchase those items. There is an option in the menu to give the feedback about the app. It takes you to the survey and upon finishing the survey, the response is submitted to our demo panel.

Screenshots of app :





How is your experience with the following about the shopping list app?

Very Unsatisfied

Very Satisfied

User Interface



Simplicity of use



Next