Black Android app UI Kit

Android application UI template for development.
Easy start to build Your Taxi client/driver project.

Included:
- – XML files of UI screen forms (65+ forms and UI elements).
- – Java files of UI forms templates.
- – forms Styles, default Language, Payment gateway XML templates files.

WELCOME

Welcome To Complete Taxi Booking app template documentation

Firstly, a huge thanks for purchasing this template, your support is truly appreciated!

This document covers the installation and use of this template and often reveals answers to common problems and issues - read this document thoroughly if you are experiencing any difficulties. If you have any questions that are beyond the scope of this document, feel free to pose them in the dedicated support section on **https://3bit.app/support**/

Template Features

65+ XML UI screen forms and UI elements
Card Screen Forms: Product, Store, Transport
Chooser Screen Forms: Date, Time, Datetime, Favorite, Location, Place
Info Screen Forms: Info, Statistics, Ticket
List Screen Forms: List, ItemList
Map Screen Forms: Map, UserMenu, DriverMenu, Checkout
Order Screen Forms: CustomerOrder, OrderDelivery, TakeOrder
Payment Screen Forms: Payment
Register Screen Forms: CodeVerify, NewUser, NewDriver, PhoneNumber
Review Screen Forms: Review
Start, Profile, Settings Activities

Application Demo

Available download full-stack demo app (with backend and full-functionality) on
Client demo version: https://3bit.app/dev/black_android_app/download/blackapp_client.apk
Driver demo version: https://3bit.app/dev/black_android_app/download/blackapp_driver.apk
PDF Documentation link:
https://3bit.app/dev/black_android_app/doc/pdf/black_android_app_ui_kit_document.pdf

You can find out in detail and order the development of the full version on https://3bit.app/mobile/
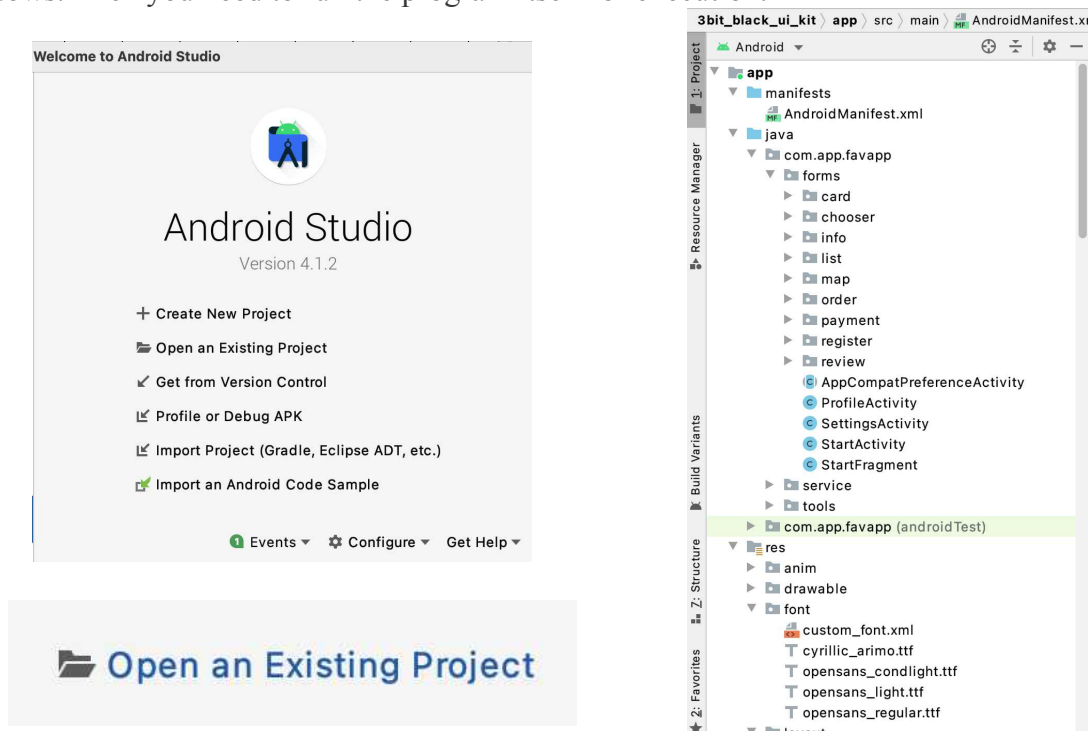
GETTING START

System Requirements

Android Studio the developer tool for Android application builder

Make sure you have a recent version of Android Studio official version installed . We recommend installing from next official link: https://developer.android.com/studio

Installation

Download the Android Studio package file and install following the instructions in the installation windows. Then you need to run the program itself for execution.

SOURCE STRUCTURE

After unzip the download pack of the Black Android App UI Kit, you'll found a **source** project with all the files. Use opened an Android Studio start window for choose the project folder by "Open an Existing Project" menu point.
In the left side of the opened source project you should observe the project structure with all the files. Project contains XML, Java and pictures (png format) files.

Java files
Java files are intended for launching user interface (UI) windows according to xml template. Java files separated by base UI windows functions to folders (with base package name *com.app.favapp*): *forms*.card, *forms*.chooser, *forms*.info, *forms*.list, *forms*.map, *forms*.order, *forms*.payment, *forms*.register, *forms*.review with with appropriate modules to support the UI. Folder *service* for service modules support and additional app's functionality on backgro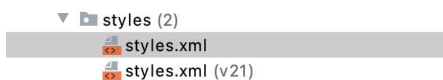und mode (more details about Android application services: https://developer.android.com/guide/components/services) and folder

tools for support extra functions (in the UI windows and services).

```
▼ 📁 forms
  ▼ 📁 card
    Ⓒ ProductCardFragment
    Ⓒ StorePartCardFragment
    Ⓒ TransportCardFragment
```

```
1    package com.app.favapp.forms.card;
2
3    import ...
9        💡
10   public class ProductCardFragment extends Fragment{
11       private static final int layout_bus_card=R.layout.layout_bus_card;
12       private static final int layout_transport_card=R.layout.layout_tran
13       private static final int layout_product_card=R.layout.layout_produc
14
```

XML theme styles

XML theme style files is an Android standard styles files (files path: /res/values/styles) for application's theme (use fonts colors, layouts backgrounds, etc in <style> tags, more details on official Android developers website: https://developer.android.com/guide/topics/ui/look-and-feel/themes)

```
▼ 📁 styles (2)
    styles.xml
    styles.xml (v21)
```

```
6    <style name="AppTheme" parent="Theme.AppCompat.Light.NoActior
7        <item name="colorPrimary">@color/app_main</item>
8        <item name="colorPrimaryDark">@color/app_main_dark</item>
9        <item name="colorAccent">@color/app_accent</item>
```

XML fonts

XML fonts files is an Android additional files for custom font and the font's **ttf** format files (files path: /res/font). Use custom_font.xml file for activate custom font (by file with **ttf** format) in application. Fonts in XML information on official Android developers website: https://developer.android.com/guide/topics/ui/look-and-feel/fonts-in-xml

How to upload new custom font to Android application available by the link: https://developer.android.com/guide/topics/ui/look-and-feel/downloadable-fonts

```
▼ 📁 font
    custom_font.xml
    cyrillic_arimo.ttf
    opensans_condlight.ttf
```

```
5    <font
6        android:fontStyle="normal"
7        android:fontWeight="400"
8        android:font="@font/cyrillic_arimo"
9        app:fontStyle="normal"
```

XML keys

Usually providers and gateways keys (files path: /res/values) located in XML key files: google_maps_api.xml (for Google Maps API key https://maps.google.com), paypal_key.xml (for PayPal payment gateway https://paypal.com), stripe_api.xml (for Stripe payment gateway https://stripe.com). More details about Google Maps API on official Google website: https://console.developers.google.com/

XML languages

Android Studio and developing tools concept have good adaptive system for adding new translations to application. Usually application's UI messages, labels, titles located in strings.xml file (file path: /res/values). How to localize the UI with translation editor on official Android developers website: https://developer.android.com/studio/write/translations-editor

```
1    <?xml version="1.0" encoding="utf-8"?>
2    <resources>
3        <string name="app_name">BlackApp</string>
```

XML elements

In the project big lot XML files (file path: /res/xml) of UI elements: buttons, spinners, preferences for application and other. More about Android style resource by the link: https://developer.android.com/guide/topics/resources/style-resource
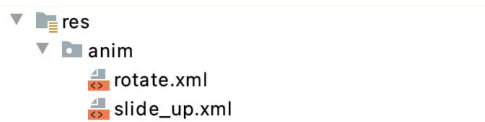
XML layouts

The main goal of the project is a designed layouts for UI forms and elements. Files (file path: /res/layout) of layouts separated by main purposes: Card, Chooser, Info, List, Map, Order, Payment, Register, Review and other. More details about layouts in APPENDIX A.

XML animations

Android Studio and developing tools have support for custom animation of UI forms and elements. Mostly useful animation (rotate and slide up) for UI forms located in XML files (files path: /res/anim). More details about Google Maps API on official Google website: https://developer.android.com/guide/topics/resources/animation-resource

XML colors

XML colors file is the project's additional file (file path: /res/values/colors.xml) for application's theme, and have a lot of colors of Material Design and other custom colors (more by the link: https://material.io/develop/android/theming/color). How to use colors in standard Android themes: https://developer.android.com/guide/topics/ui/look-and-feel/themes

XML social networks

XML social network file is the project's additional file (file path: /res/values/social_network.xml) for application's forms information, when need links to actual custom net accounts.

JSON google maps styles

JSON files (file path: /res/raw) with Google maps elements text colors, background colors, and other data for beautiful looks of map style:
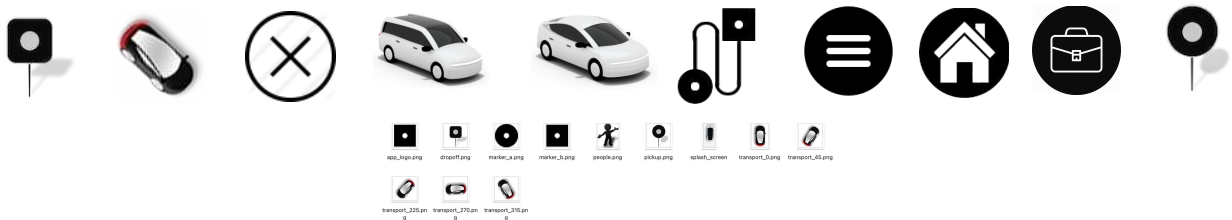– greyscale
– night
– retro
– uber

```
▼ 📁 raw
       📄 google_map_greyscale_style.json
       📄 google_map_night_style.json
       📄 google_map_retro_style.json
       📄 google_map_uber_style.json
```

PNG images

Images files (file path: /res/drawable) in PNG format for UI forms and elements:
- pin markers for pickup/dropoff locations
- cars markers with different degree (vertical, horizontal)
- action icons for buttons
- date, time, list, cars, and other pictures for elements and buttons

FAQ

Dose it connect any API ?

No, It dose not. Android UI Kit included template for Android Studio only. For implement connection to API you should learn the API's documentation and build an application. You have to develop by yourself for matching with your requirements.

Dose it collect user information ?

No, It dose not. Black Android app UI Kit just simple application with UI screen forms and elements.

Can I release the app to both iOS and Android?

No, Android application only could be build by Black Android app UI Kit.

Will I get the free upgrade on next coming version ?

Yes, you will get the free upgrade with more awesome features coming, please follow the Black Android app UI Kit on the GitHub https://github.com/3bit-app/black_android_app to see the detail update.

Where I could discuss the Android UI Kit?

Yes, it's possible. Follow the official page of the Black Android app UI Kit on the GitHub https://github.com/3bit-app/black_android_app and ask the questions.

APPENDIX A
Layouts List

Welcome Layout | layout_welcome.xml	First started fragment after mobile App executed with phone number input field (using country code with flags choosing)
Phone Number Layout | layout_phone_number.xml	Phone number input fragment with phone number input field (using country code with flags choosing)
Code Verify Layout | layout_code_verify.xml	Code verify from SMS which was sent
New User Layout | layout_new_user.xml	New user registration fragment with input personal data
New Driver Layout | layout_new_driver.xml	New driver registration fragment with input personal data and documents
Map Layout | layout_map.xml	Main Map fragment for user | driver work
User Menu Layout | layout_user_menu.xml	User menu for Map fragment UI element
User Pickup Layout | layout_user_pickup.xml	User pickup for Map fragment UI element
Driver Menu Layout | layout_driver_menu.xml	Drive menu for Map fragment UI element
Date and Time Chooser Layout | layout_datetime_chooser.xml	Date and Time chooser fragment
Date Chooser Layout | layout_date_chooser.xml	Date chooser fragment
Time Chooser Layout | layout_time_chooser.xml	Time chooser fragment
Place Chooser Layout | layout_place_chooser.xml	Place Chooser fragment for Pickup | Dropoff (place for delivery)
Location Chooser Layout | layout_location_chooser.xml	Location Chooser fragment for Pickup | Dropoff (location for delivery) on map
Location Pickup Dropoff Chooser Layout | layout_location_pickup_dropoff_chooser.xml	Location Chooser fragment for Pickup & Dropoff (location for delivery) on map
Transport Card Layout | layout_transport_card.xml	Transport Card fragment for chosen transport on map
Bus Card Layout | layout_bus_card.xml	Bus Card fragment for chosen bus on map
Product Card Layout | layout_product_card.xml	Product Card fragment for chosen product of store (choose product for delivery)
Store Part Card Layout | layout_store_part_card.xml	Store Part Card fragment for chosen store with products (choose store for delivery from)
Checkout Layout | layout_checkout.xml	Checkout with cart fragment
Order Card Layout | layout_order_card.xml	Order Card fragment
Order Item Layout | layout_order_item.xml	Order Item for Order Card fragment UI element
Order Delivery Layout | layout_order_delivery.xml	Order Delivery fragment (driver delivery products or customers)

Order Delivery Item Layout | layout_order_delivery_item.xml	Order Delivery Item for Order Delivery fragment UI element
Take Order Layout | layout_take_order.xml	Take Order fragment (driver should accept or refuse an order)
Customer Order Layout | layout_customer_order.xml	Customer Order fragment (customer could preview order and cancel)
Customer Order Item Layout | layout_customer_order_item.xml	Customer Order Item for Customer Order fragment UI element
Location Item Layout | layout_location_item.xml	Location Item for Place Chooser fragment
Favorite Item Layout | layout_favorite_item.xml	Favorite Item for Place Chooser fragment
Banner Item Layout | layout_banner_item.xml	Banner Item for Item List fragment
Banner Next Item Layout | layout_banner_next_item.xml	Banner Next Item for Item List fragment
Bus Item Layout | layout_bus_item.xml	Bus Item for Checkbox fragment
Transport Item Layout | layout_transport_item.xml	Transport Item for Checkbox fragment
Option Item Layout | layout_option_item.xml	Option Item for Item List fragment
Item List Layout | layout_item_list.xml	Item List fragment
Product as Bus Item Layout | layout_product_as_bus_item.xml	Product as Bus Item for Checkbox fragment
Product as Transport Item Layout | layout_product_as_transport_item.xml	Product as Transport Item for Checkbox fragment
Product Item Layout | layout_product_item.xml	Product Item for Checkbox fragment
Product Param Item Layout | layout_product_param_item.xml	Product Parameter (additional service or special item included to product) for Checkbox fragment
Store Part Item Layout | layout_store_part_item.xml	Store Part Item for Item List fragment
Type Item Layout | layout_type_item.xml	Type Item for Item List fragment
Tip Layout | layout_tip.xml	Tip fragment (information tips)
Ticket Layout | layout_ticket.xml	Ticket fragment (for regular race transport end of booking)
Marker Item Layout | layout_marker_item.xml	Marker Item for Map fragment UI element
Marker Place Item Layout | layout_marker_place_item.xml	Marker Place Item for Map fragment UI element
Marker Store Item Layout | layout_marker_store_item.xml	Marker Store Item for Map fragment UI element
Marker Transport Item Layout | layout_marker_transport_item.xml	Marker Transport Item for Map fragment UI element
Navigation Header Layout | layout_navigation_header.xml	Navigation Header for Sliding panel fragment UI element

Error Layout | layout_error.xml	Error fragment
GPS Warning | layout_gps_warning.xml	GPS Warning fragment
Transport Warning | layout_transport_warning.xml	Transport Warning fragment
Info Layout | layout_info.xml	Info fragment
Success Layout | layout_success.xml	Success fragment
Input Message Layout | layout_input_message.xml	Input Message for Messages List fragment UI element
Output Message Layout | layout_output_message.xml	Output Message for Messages List fragment UI element
Profile Driver Layout | layout_profile_driver.xml	Profile of Driver (for Client hidden transport UI elements) fragment | activity
PayPal Invoice Layout | layout_paypal_invoice.xml	PayPal Invoice fragment
User Review Layout | layout_user_review.xml	User Review fragment
Transport Review Layout | layout_transport_review.xml	Transport Review fragment
Fragment List | fragment_list.xml	Alternative List fragment
Fragment Message List | fragment_message_list.xml	Alternative Message List fragment
PayPal Payment | fragment_paypal_payment.xml	Alternative PayPal Payment fragment
Stripe Payment | fragment_stripe_payment.xml	Alternative Stripe Payment fragment
Stat | fragment_stat.xml	Alternative Stat (summary statistics) fragment
Profile Activity | activity_profile.xml	Profile activity (profile layout include)
Starter Activity | activity_starter.xml	Starter activity (start activity marked in Manifest file)