Date : 17-Nov-21

FILE GALLERY SAMPLE APP (1.0.1)

1. OVERVIEW

This app provides a UI to explore through unstructured content such as images, music, videos and PDF files. It showcases the usage of the latest APIs, widgets and latest enhancement on Iris 9.2 such as Collection View, Media API, Image API, Battery API, Action Sheet, Toast, etc. Also, this app comes with an in-built learning module, Knowledge Framework, where one can explore and share behind the scene implementations to get the corresponding layouts and functionalities in the app.

A. Use case

The File Gallery Sample APP could be used to present shared image, audios and pdf documents online, it also presents with users how to implement a similar app with provided API and widget in Volt MX.

B. Features

The app provides you with the following options:

- To view images in thumbnail and detail
- To play audios and videos
- To view online pdf files
- To see how this is implemented

C. Percentage of re-use:

70-80% (Data is customized and can be changed manually)

2. GETTING STARTED

A. Prerequisites

Before you start using the File Gallery Sample App, ensure you have the following:
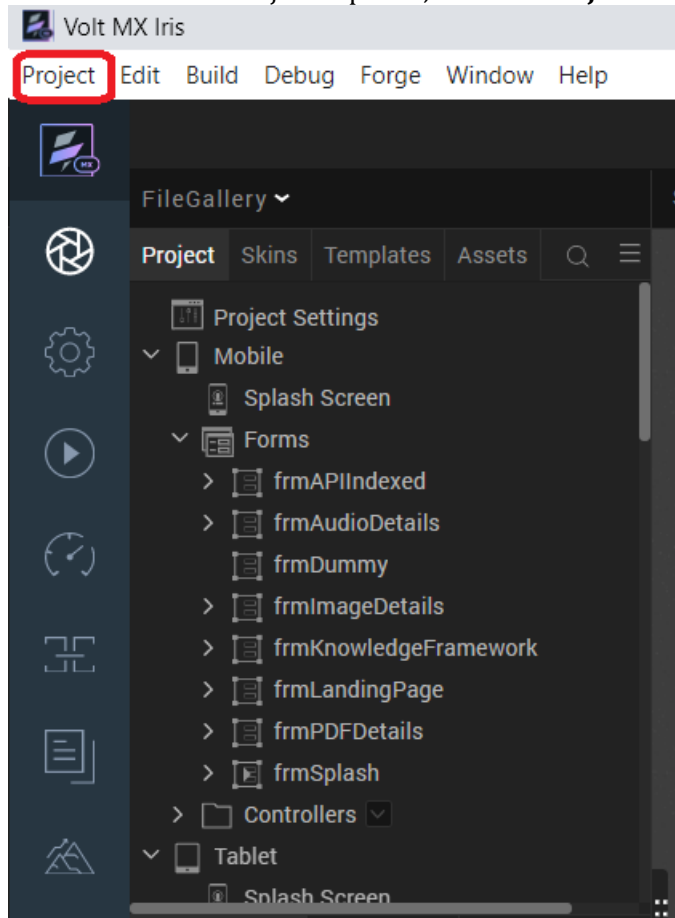
- HCL Foundry
- Volt MX Iris

B. Platforms Supported
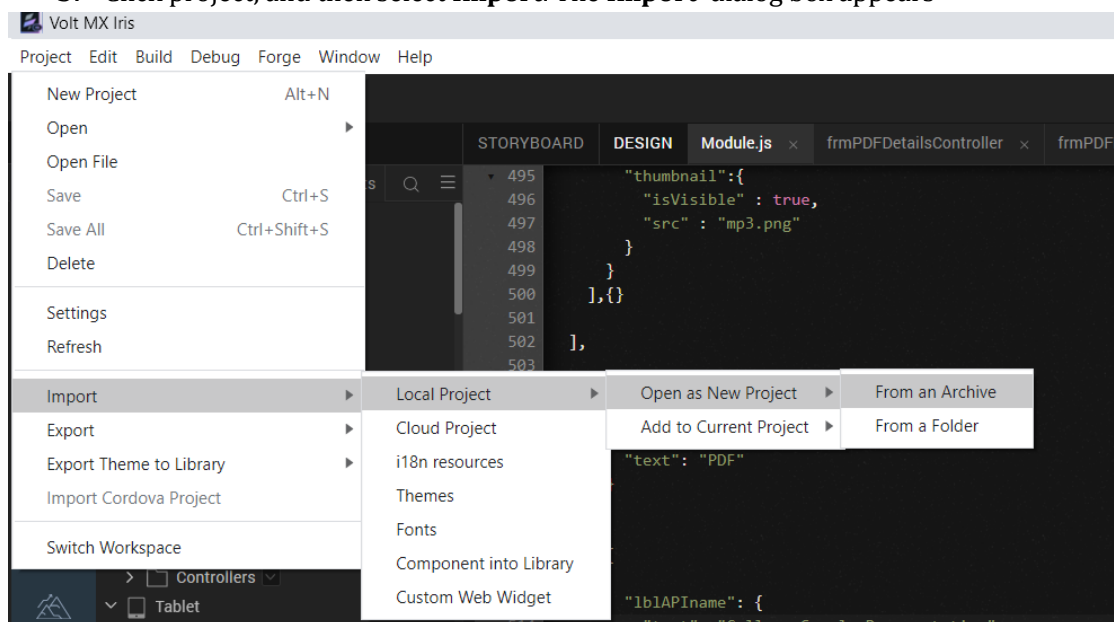 i. Mobile
     1. *iOS*
     2. *Android*
  ii. Tablets
C. Importing the App

You can import the Forge Apps only into the apps that are of the Reference Architecture type.

**To import the File Gallery Sample App, do the following:**

1. Open your app project in Volt MX Iris.
2. In the Project Explorer, click the **Project** tab.

3. Click project, and then select **Import**. The **Import** dialog box appears

4. Click **From an Archive** to navigate to the location of the project package, select the project package, and then click **Import**. The project package and its associated widgets and modules are added to your workspace.
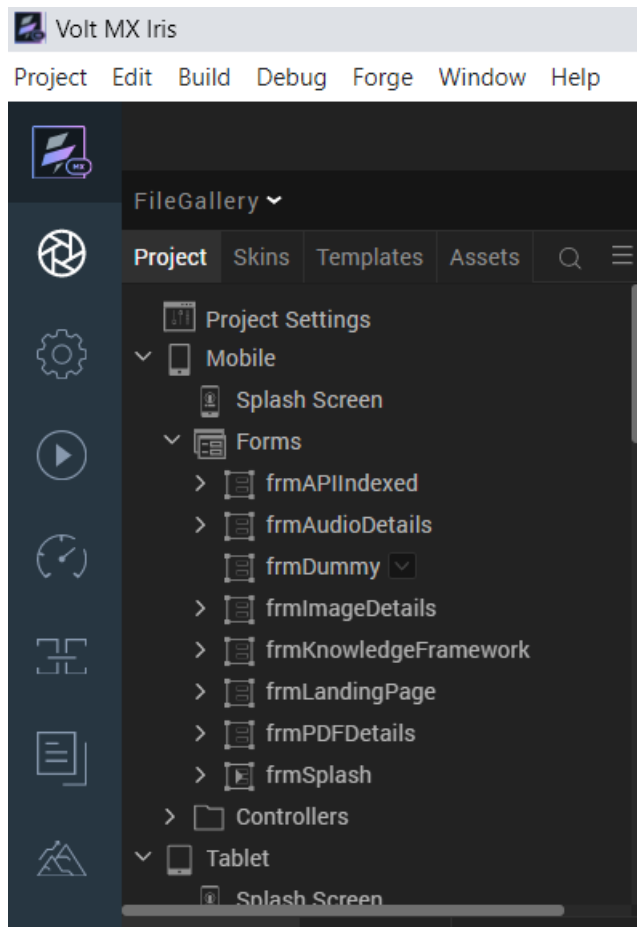
D. Building and previewing the app

After performing all the above steps, you can build your app and run it on your device. For more information, you can refer to the Building and Viewing an Application section of the Volt MX Iris User Guide.

You can then run your app to see the File Gallery Sample App work in real time.

App Functionality

The landing page of the File Gallery Sample app is the Splash screen. The Splash screen displays images and button.
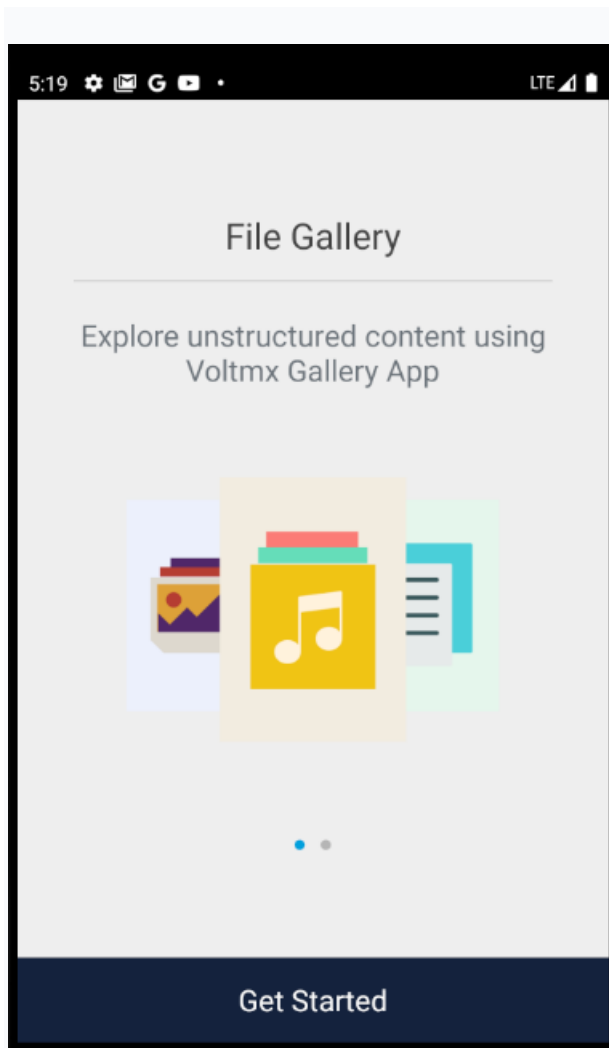
After click Get Started and read the prompted tips, you are brought default mode page. On this page, you will be presented with sections of images, audios and pdf:
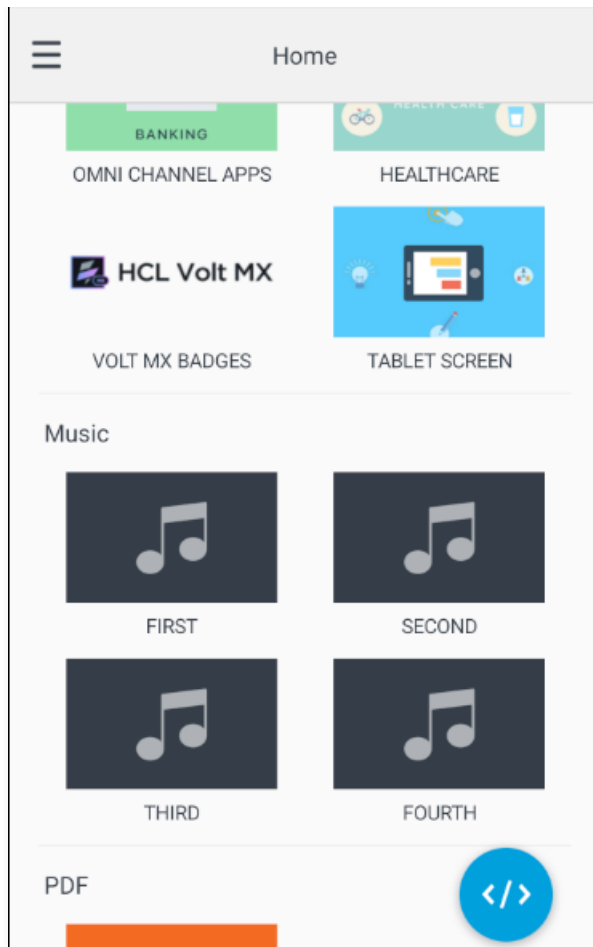
Image

Image section presents four images with thumbnails, you can manually change images content and number in code. Click any image, it will bring you to the detail image page:

Music

Music section presents four audios, you can manually change audio files and number in code. Click any audio, it will bring you to the audio detail page where you can play the music:
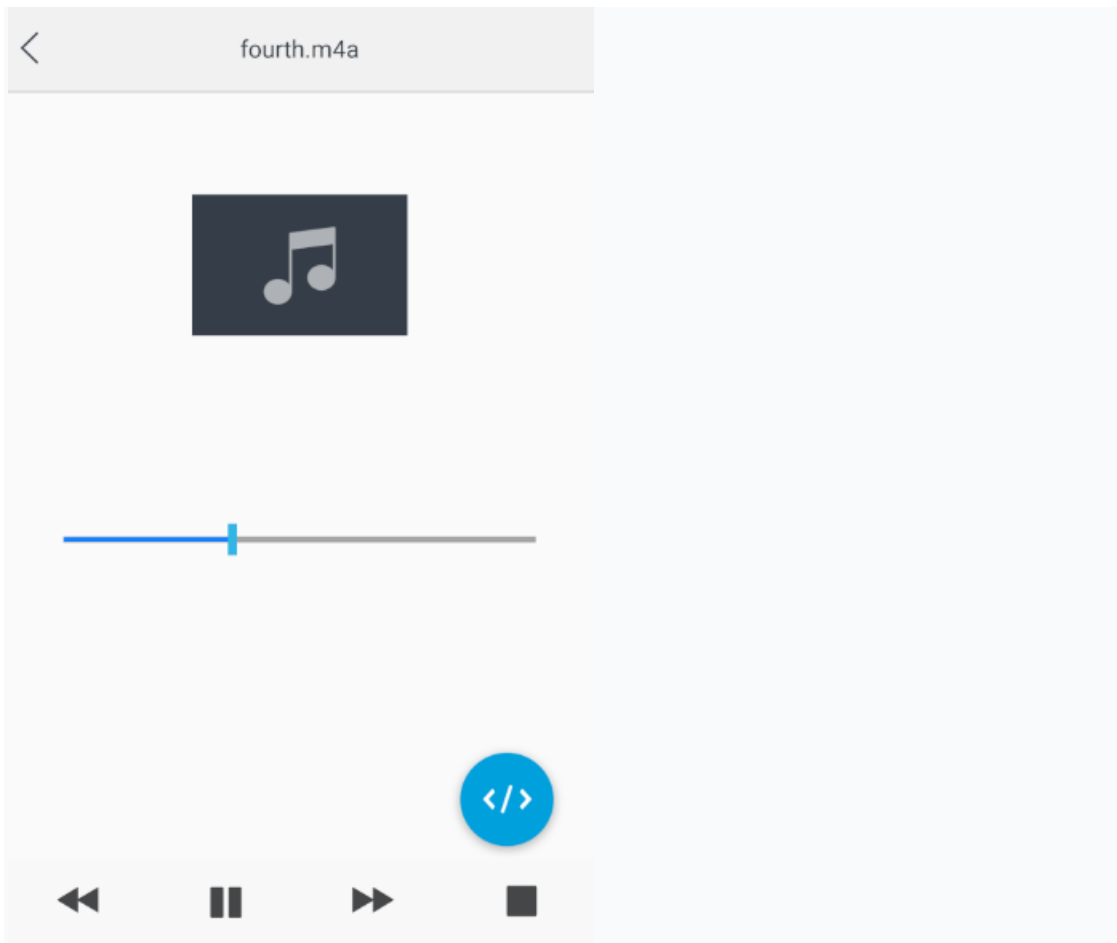
PDF

PDF section presents one pdf, you can manually change online pdf urls and number in code. Click on the pdf, it will bring you to the pdf viewer page where you can view the pdf content:

(will be replaced with real online pdf later.)

Indexed Mode

Click on the menu icon on the up left, you will see menu options list as Indexed Mode, Volt MX MarketPlace and Volt MX Documentation. The other two options other than Indexed Mode will bring you to corresponding Volt MX links and the Indexed Mode option will bring you to indexed mode page. You can click the same up left menu icon to get back to default mode page.

![File Gallery logo]

File Gallery

| Indexed Mode

| Volt MX MarketPlace

| Volt MX Documentation

X

RE

EEN

</>
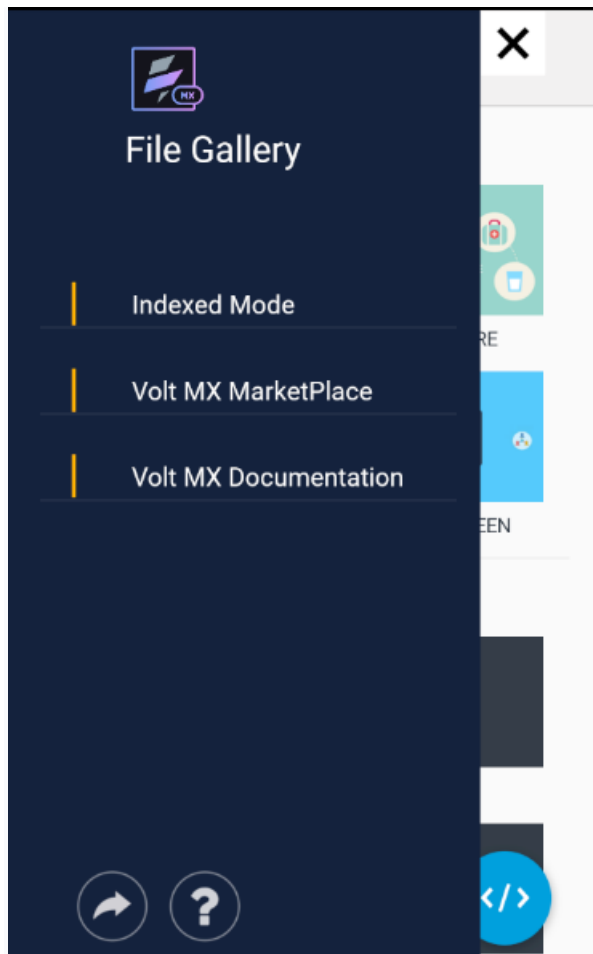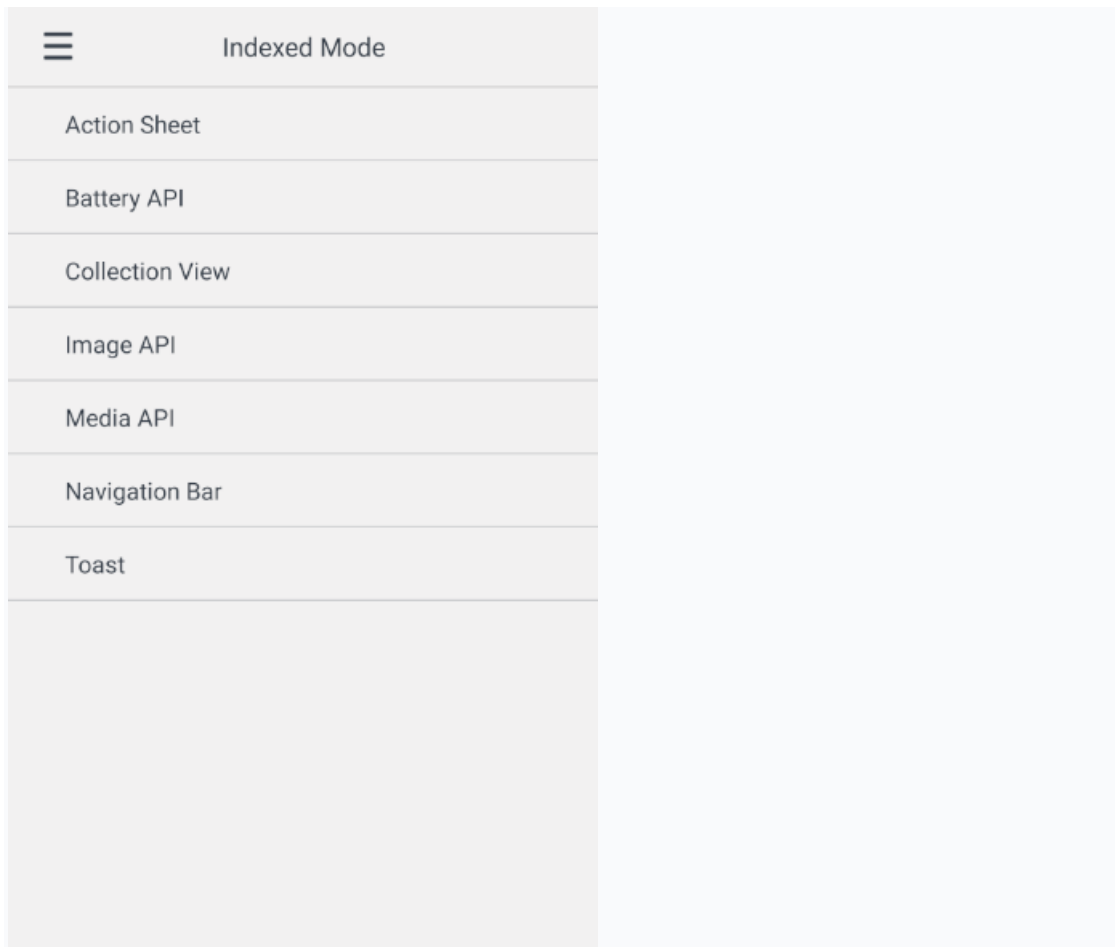
The indexed mode page introduced below APIs and Widgets in File Gallery Sample app:

- Action sheet
- Battery API
- Collection View
- Image API
- Media API
- Navigation Bar
- Toast

Knowledge Framework

This app contains a component that shows the following functionality when we click on the blue button in the application. The knowledge framework component:

- Present as a floating button in each screen
- On click, explains the "Behind the Scene" implementations for the features on screen
- Contains brief intro, code snippets and documentation links for each topic
- Provides sharing option for the code snippets present against each topic

1.Contents: It shows the contents or features that are present in the app

Behind The Scene

Collection View

Navigation Bar

Toast
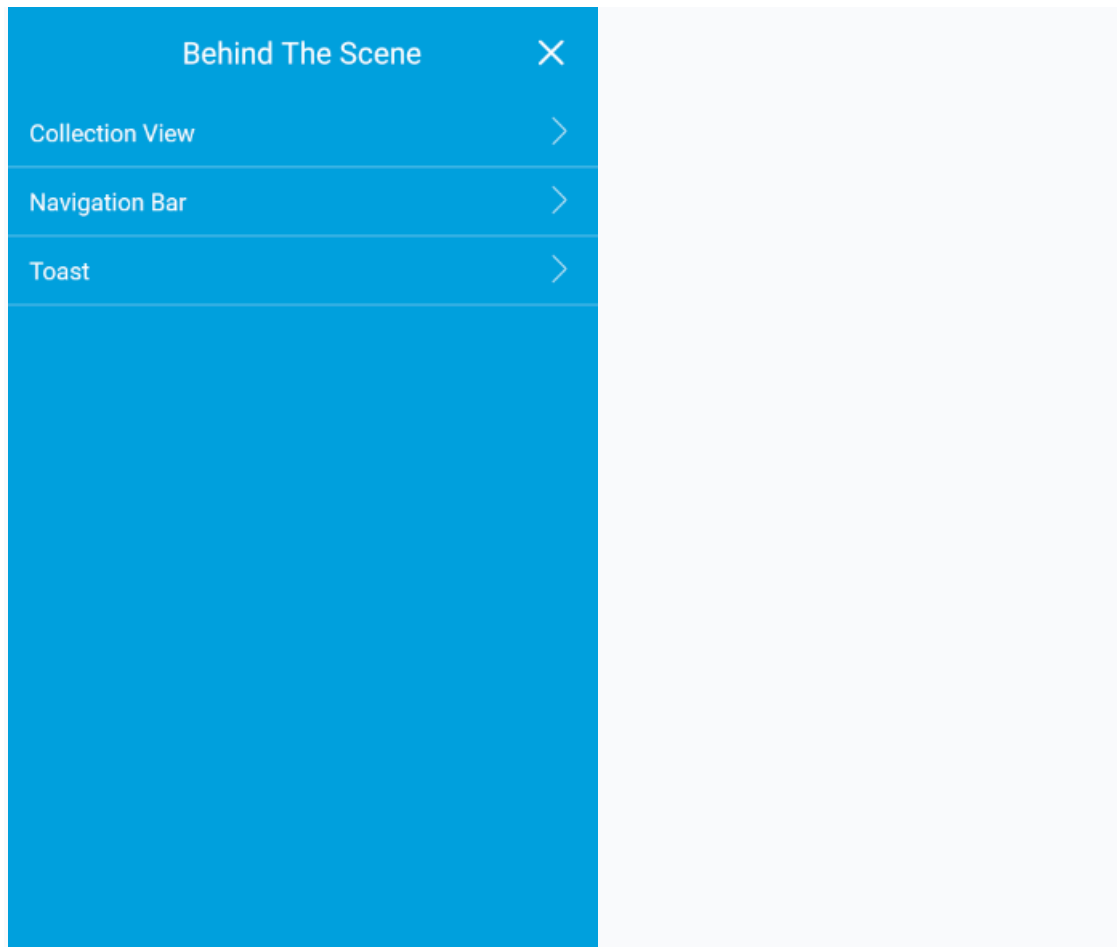
2.When we click on each content then its shows what is it, how to use and documentation for each feature.

Collection View

← **Collection View** ✕

What's it ? ⌄

A CollectionView consists of multiple items, and each item can have multiple child widgets. The CollectionView widget is similar to the SegmentedUI widget, and shares many of that widgets properties and methods. The items that fill the CollectionView widget are based on templates.

How to use ? ✉ ›

Documentation Link ›

← **Collection View** ✕

What's it ? ›

How to use ? ✉ ⌄

```
/*
@Function basicConfig()
@Description This function will return the basic configuration
required for collection view
Written in separate JS Module
*/
function basicConfig() {
return {
"autogrowMode": voltmx.flex.AUTOGROW_NONE,
"data": null,
"left": "0dp",
"top": "0dp",
"width": "100%",
"height": "100%",
"id": "myCollectionView",
"isVisible": true,
"minLineSpace": 0,
"minItemSpace": 0,
"retainSelection": true,
"skin": "sknFullFlex",
"itemTemplate": "flxCollection",
"scrollingEvents": {},
"sectionHeaderTemplate": "flxHeader",
"sectionFooterTemplate": null,
"selectionBehavior": voltmx.collectionview.SINGLE_SELECT,
```

Documentation Link ›
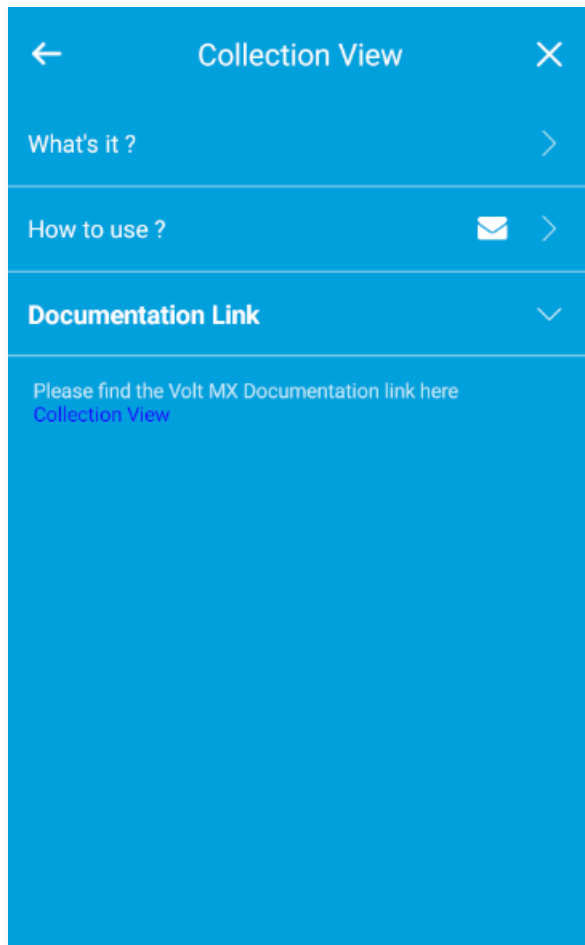
3. REVISION HISTORY

App version 1.0.1

    A.   Known Issues
        No issues

    B. Limitations
- This app does not support app preview by the NFI dependency