

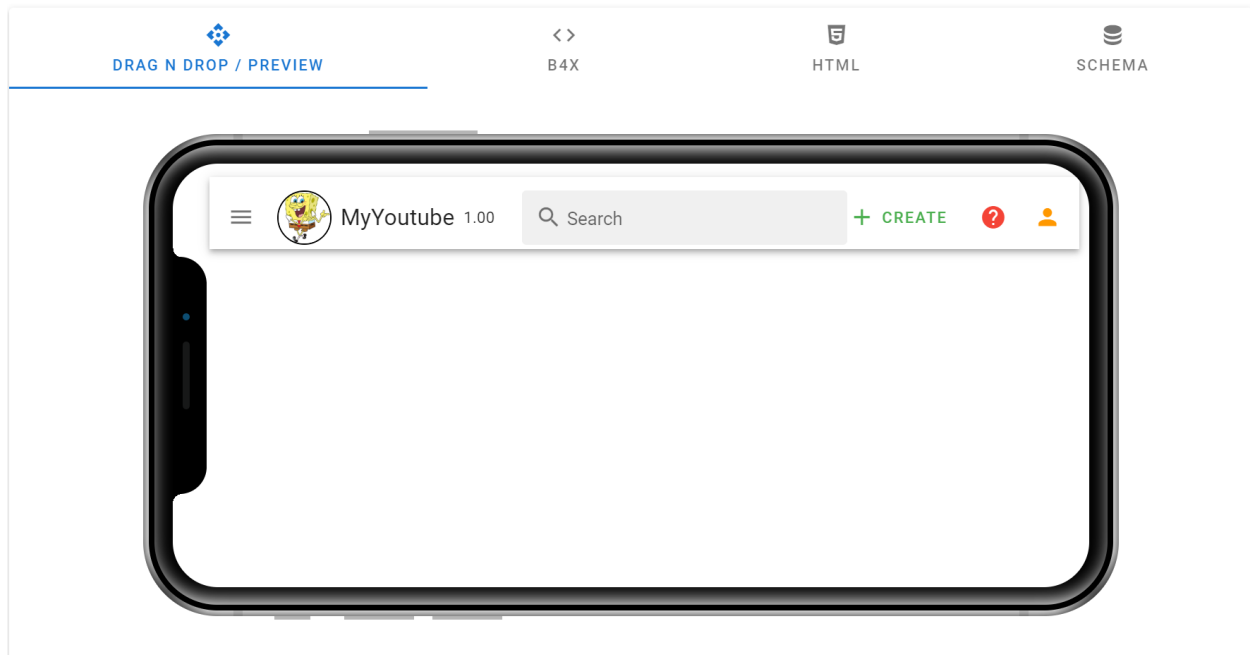
Creating a YouTube like app outline.

The purpose of this tutorial is to show you how to create an outline like YouTube. You will create a toolbar and a drawer and some multiple pages as per drawer items

Assumptions:

You have followed the previous example for the Contacts input to get to grips with how the designer works.

Final Output – this is what we want to achieve as part 1 of this exercise



When you start the designer, you will be asked to set up your project. This feature will be used later on in the BVMDesigner functionality though.

TS

[10
01]

Project

Project Configuration

Project Name

MyYoutube

X

Database Type

☒ BANanoSQL

☐ SQLite

☐ MySQL

☐ MSSQL

Database Name

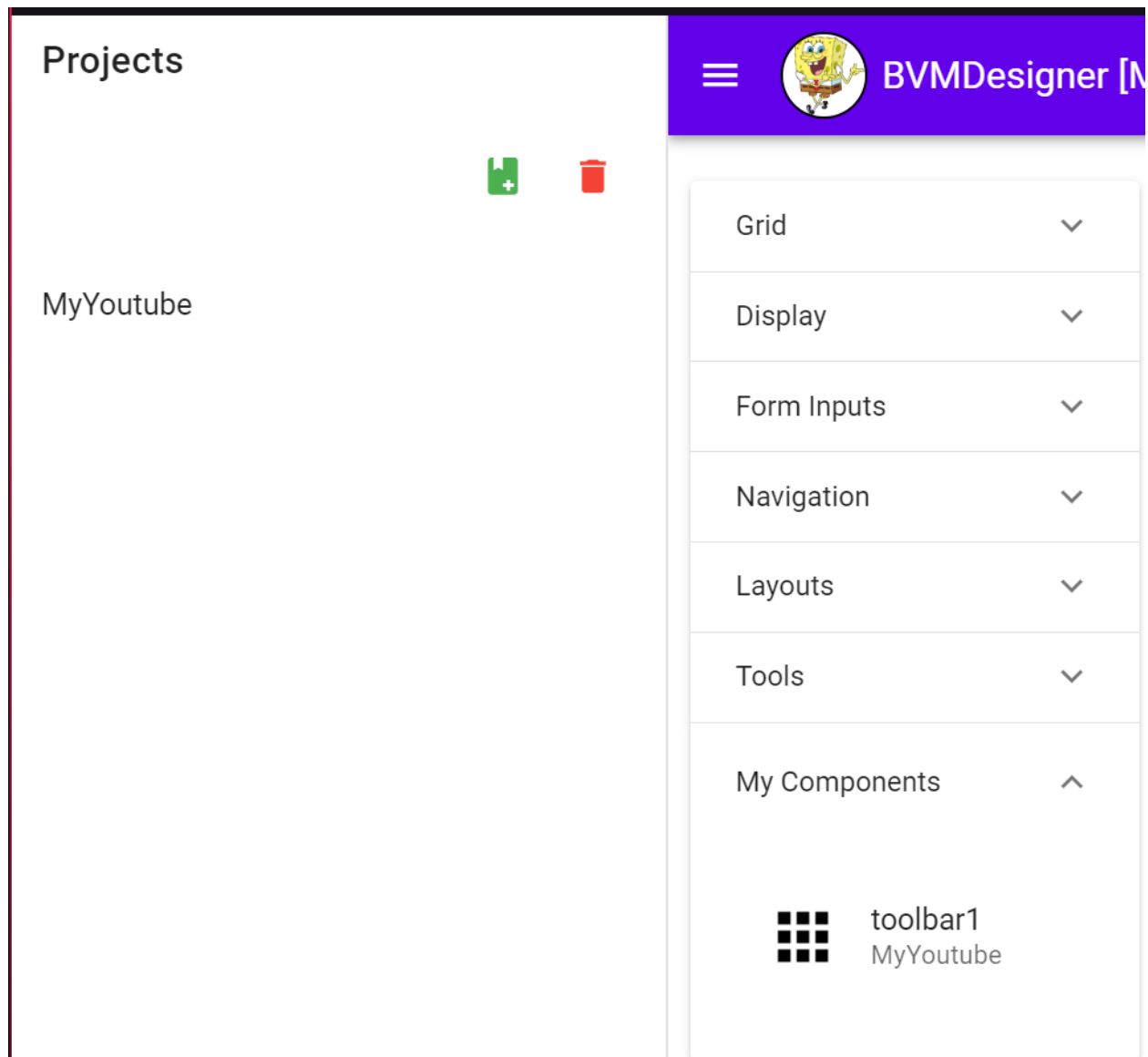
youtube

X

CANCEL

SAVE

Update your project details and click Save. Your project list will appear in the drawer. There you can add a new project or delete an existing project after you have selected it.



Creating the toolbar

1. Drag n Drop a toolbar to the stage and update its properties as indicated below.

Details



Parent

vm

ID

toolbar1

Type ☐ AppBar ☒ ToolBar ☐ SystemBar

Elevation

None



Extension Height

Search Key

appsearch

Scroll Target

Scroll Threshold

Background Image

Title

MyYoutube

Title Class(es)

Sub Heading

1.00

Color

None



Intensity

Normal



Width

Min Width

Max Width

Height

Min Height

Max Height

Update Logo Settings

Logo

^

Logo URL

./assets/sponge.png

Logo Border Radius

50%

Logo Border Width

1px

Logo Border Color

Black

Logo Border Style

Solid

Logo Width

46px

Logo Height

46px

Items: Delete all the items in the list and create new ones. To create a new item, click the + button on the Items. Capture the details and then click the save button. Create each of the buttons indicated below for the toolbar.

Items



Type ☐ Menu ☒ Button ☐ Icon

Item Key

btnCreate

Icon Name

mdi-plus

Color

green

Title

Create

Tooltip

Add a video

Badge



Create

Add a video



Help

Help



Account

My Profile

Items



Type ☐ Menu ☐ Button ☒ Icon

Item Key

btnHelp

Icon Name

help

Color

red

Title

Help

Tooltip

Help

Badge



Create

Add a video



Help

Help






Account

My Profile


Items






Type ☐ Menu ☐ Button ☒ Icon


Item Key btnAccount	Icon Name mdi-account
Color orange	Title Account
Tooltip My Profile	Badge



Create
Add a video



Help
Help



Account
My Profile

Now its time to update your settings: Update them like this:

Settings



Master NavBar



Flat



Hamburger



Logo



Title



Sub Heading



Add Search



Add Spacer



Dense



Fixed



Dark



Absolute



Clipped Left



Clipped Right



Collapse



Collapse on Scroll



Elevate on Scroll



Extended



Fade Image on Scroll



Floating



Hide on Scroll



Inverted Scroll



Prominent



Scroll off Screen



Short



Shrink on Scroll



Visible

Your toolbar should now be taking the shape that you need.

We have just created something that is similar but not exact to:



Now its time to put this in our app.

With this example we want to update the master navigation bar of the app. If you toggle Master NavBar, you will note that the code changes and **vm.NavBar** is replaced to be the name of your toolbar.

Creating the app:

1. Copy and paste the 5. Templates1 folder and rename the folder to MyYouTube (on my side its 11. MyYoutube on the examples folder of BVM)
2. Rename template1.b4j to myyoutube.b4j
3. Delete the template1.b4j.meta file
4. Double click the myyoutube.b4j file to start the b4j project.

We are running with laragon on port 8080.

If you run the app, you will just see a blank page with a blank toolbar.

5. Download the source code from the B4X tab in the designer and open the file.
6. Copy and paste the following code to the **pgIndex** module under the **BuildNavBar** sub i.e. pgIndex.BuildNavBar

7. **Sub BuildNavBar**
8. *'*copy code after this line*
9. *'add a hamburger*
10. `vm.NavBar.AddHamburger`
11. `vm.NavBar.Hamburger.SetVisible(True)`
12. *'add a logo*
13. `vm.NavBar.Logo.SetBorderRadius("50%")`
14. `vm.NavBar.Logo.SetBorderWidth("1px")`
15. `vm.NavBar.Logo.SetBorderColor("black")`
16. `vm.NavBar.Logo.SetBorderStyle("solid")`
17. `vm.NavBar.Logo.SetSize("46px","46px")`
18. `vm.NavBar.AddLogo("./assets/sponge.png")`
19. `vm.NavBar.Logo.Show`
20. `vm.NavBar.AddTitle("MyYoutube","")`
21. `vm.NavBar.AddSubHeading1("1.00")`
22. `vm.NavBar.AddSpacer`
23. `vm.NavBar.AddSearch("appsearch")`

```
24.    vm.NavBar.AddSpacer
25.    vm.NavBar.SetVisible(True)
26.
27.    vm.NavBar.AddItem("btnCreate", "mdi-plus", "green", "Create", "Add a video", "")
28.    vm.NavBar.AddIcon1("btnHelp", "help", "red", "Help", "")
29.    vm.NavBar.AddIcon1("btnAccount", "mdi-account", "orange", "My Profile", "")
30. End Sub
```

Copy the rest of the code anywhere in the pgIndex module.

```
Private Sub btnCreate_click(e As BANanoEvent)
vm.ShowSnackBar("Create")
End Sub
```

```
Private Sub btnHelp_click(e As BANanoEvent)
vm.ShowSnackBar("Help")
End Sub
```

```
Private Sub btnAccount_click(e As BANanoEvent)
vm.ShowSnackBar("Account")
End Sub
```

```
'fire when search loses focus
Private Sub appsearch_change(e as BANanoEvent)
'get the search phrase
Dim sappsearch As String = vm.GetData("appsearch")
vm.ShowSnackBar(sappsearch)
End Sub
```

Run the app.