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For the Icon section
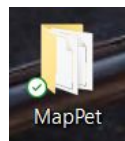

Figure 1: MapPet icon

For the environment project

Figure 2: Folder of MapPet application

Figure 3: Inside our folder application + assets folder

Figure 4: Inside assets folder + create icons folder and images folder
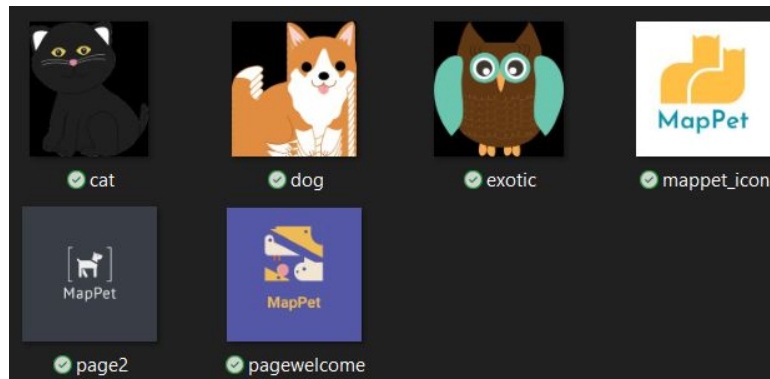
Figure 5: Inside image folder

Figure 6: Inside icons folder

ดาเฟแมว
Miki Zakka Cafe
081 822 5050
https://goo.gl/maps/CzVTi2yVY9iCZbiu9

CatMe cafe
02 410 4669
https://goo.gl/maps/2uuGaQCefSuMJQbZ7

Indicat Cat Cafe'
090 887 9960
https://goo.gl/maps/3NYq7R5DEskz1dVf7

Year of The Cat Cafe
093 263 1000
https://goo.gl/maps/zvrqmbhxJhSFWtpm9

บ้านแมวคาเฟ
096 974 1226
https://goo.gl/maps/xpGh26MpXc9wLsNN7
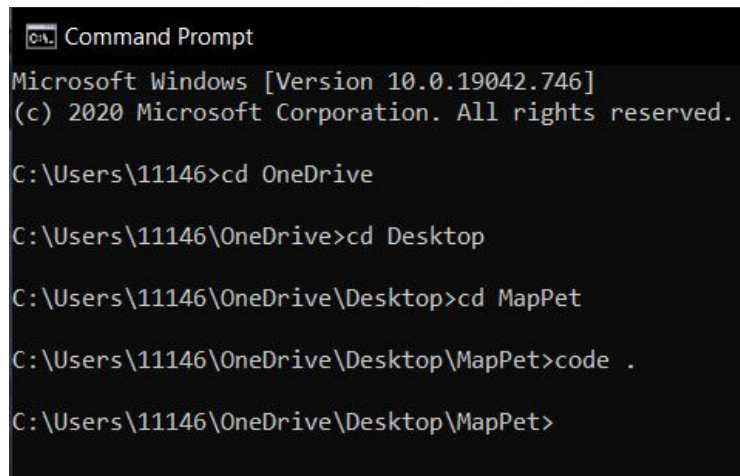
Kitty Cat Cafe
https://goo.gl/maps/qoLPvZXjEMRbiGYJA

Caturday Cat Cafe
02 656 5247
https://goo.gl/maps/g9jr8Ckpzu8UvMgZ9

Figure 7: Dataset

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For the code, interpreter, and emulator of the MapPet project

```
Command Prompt
Microsoft Windows [Version 10.0.19042.746]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\11146>cd OneDrive

C:\Users\11146\OneDrive>cd Desktop

C:\Users\11146\OneDrive\Desktop>cd MapPet

C:\Users\11146\OneDrive\Desktop\MapPet>code .

C:\Users\11146\OneDrive\Desktop\MapPet>
```

Figure 8: cmd for creating the project and start the code

main. dart

```dart
import 'package:MapPet/consttants.dart';
import 'package:flutter/material.dart';
// ignore: unused_import
import 'package:MapPet/widgets/rounded_button.dart';


void main() {
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  // This widget is the root of your application.
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'MapPet',
      theme: ThemeData(
        scaffoldBackgroundColor: Color(0xFF383D46),
        textTheme: Theme.of(context).textTheme.apply(
          displayColor: kBlackColor,
        ),
```

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```dart
      ),
      home: WelcomePetlover(),
    );
  }
}


class  WelcomePetlover extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      body: Container(
        width: double.infinity,
        decoration: BoxDecoration(
          image: DecorationImage(
            image: AssetImage("assets/images/page2.png"),
            fit: BoxFit.none,
          ),
        ),
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: <Widget>[
            RichText(
              text: TextSpan(
                style: Theme.of(context).textTheme.headline2,
                children: [
                  TextSpan(
                    text: "",
                  ),
                  TextSpan(
                    text: "",
                    style: TextStyle(fontWeight: FontWeight.bold),
                  ),
                ],
              ),
            ),
            SizedBox(
              width: MediaQuery.of(context).size.width * .6,
              child: RoundedButton(
                text: "Let's Journey",
```

```
                    fontSize: 20,
                    press: () {
                      Navigator.push(
                        context,
                        MaterialPageRoute(
                          builder: (context) {
                            return  WelcomePetlover();
                          },
                        ),
                      );
                    },
                  ),
                ),
              ],
            ),
          ),
        ),
      );
    }
}
```
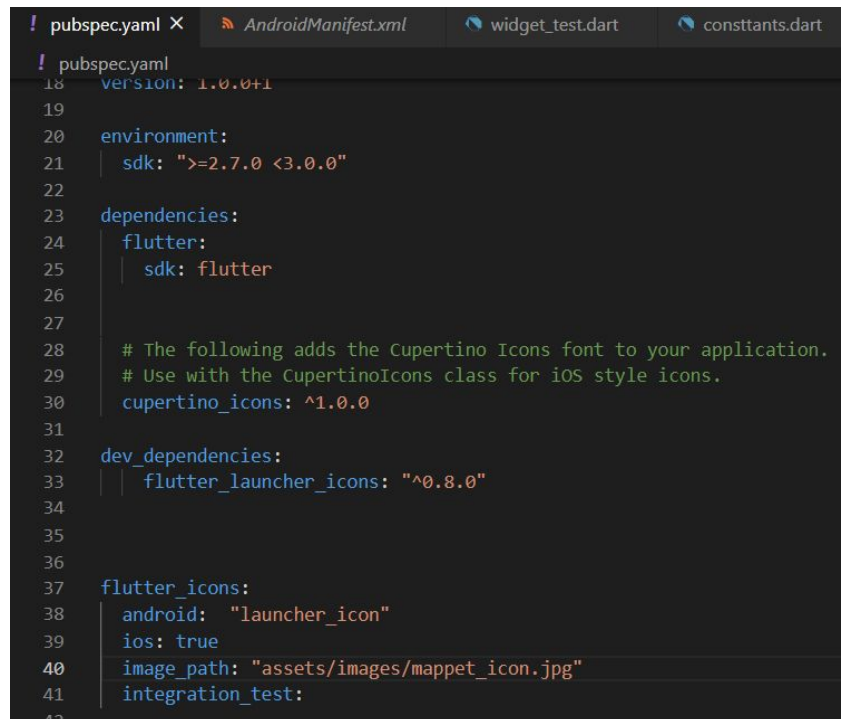
rounded_button.dart

```dart
import 'package:flutter/material.dart';
class RoundedButton extends StatelessWidget {

  final String text;
  final Function press;
  final double verticalPadding;
  final double horizontalPadding;
  final double fontSize;

  RoundedButton({
    Key key,
    this.text,
    this.press,
    this.verticalPadding = 12,
    this.horizontalPadding = 30,
    this.fontSize = 16,
  }) : super(key: key);
```

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```dart
  @override
  Widget build(BuildContext context) {
    return GestureDetector(
      onTap: press,
      child: Container(
        width: double.infinity,
        alignment: Alignment.center,
        margin: EdgeInsets.symmetric(vertical: 16),
        padding:
            EdgeInsets.symmetric(vertical: verticalPadding, horizontal:
horizontalPadding),
        decoration: BoxDecoration(
          color: Colors.white,
          borderRadius: BorderRadius.circular(30),
          boxShadow: [
            BoxShadow(
              offset: Offset(0, 15),
              blurRadius: 30,
              color: Color(0xFF666666).withOpacity(.11),
            ),
          ],
        ),
        child: Text(
          text,
          style: TextStyle(
            fontSize: fontSize,
            fontWeight: FontWeight.bold,
          ),
        ),
      ),
    );
  }
}
```

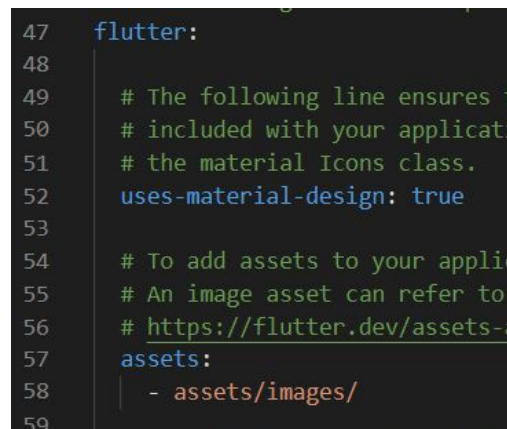constants.dart

```dart
import 'package:flutter/material.dart';


const kBlackColor = Color(0xFF393939F);
const kLightBlackColor = Color(0xFF8F8F8F);
const kIconColor = Color(0xFFF48A37);
const kProgressIndicator = Color(0xFFBE7066);
```

```yaml
18  version: 1.0.0+1
19
20  environment:
21    sdk: ">=2.7.0 <3.0.0"
22
23  dependencies:
24    flutter:
25      sdk: flutter
26
27
28    # The following adds the Cupertino Icons font to your application.
29    # Use with the CupertinoIcons class for iOS style icons.
30    cupertino_icons: ^1.0.0
31
32  dev_dependencies:
33      flutter_launcher_icons: "^0.8.0"
34
35
36
37  flutter_icons:
38    android:  "launcher_icon"
39    ios: true
40    image_path: "assets/images/mappet_icon.jpg"
41    integration_test:
42
```

Figure 9: pubspec.yaml for launcher the logo

```yaml
47  flutter:
48
49    # The following line ensures
50    # included with your applicat
51    # the material Icons class.
52    uses-material-design: true
53
54    # To add assets to your appli
55    # An image asset can refer to
56    # https://flutter.dev/assets-
57    assets:
58      - assets/images/
59
```

Figure 10: pubspec.yaml for dependencies the assets images and icons

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Figure 11: run PowerShell for pub get the icon
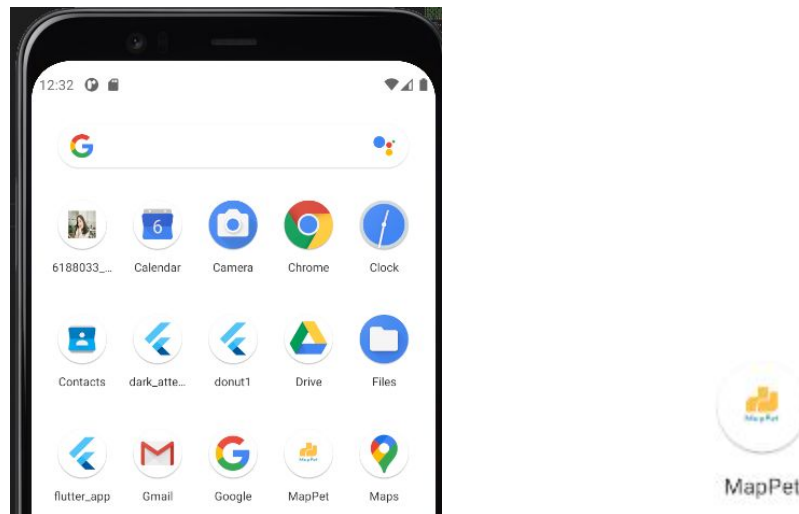
Figure 12: After the run, flutter pub get the launcher icons
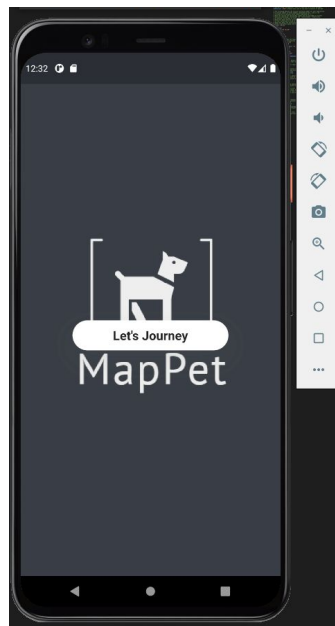
Figure 13: Final first page of MapPet application

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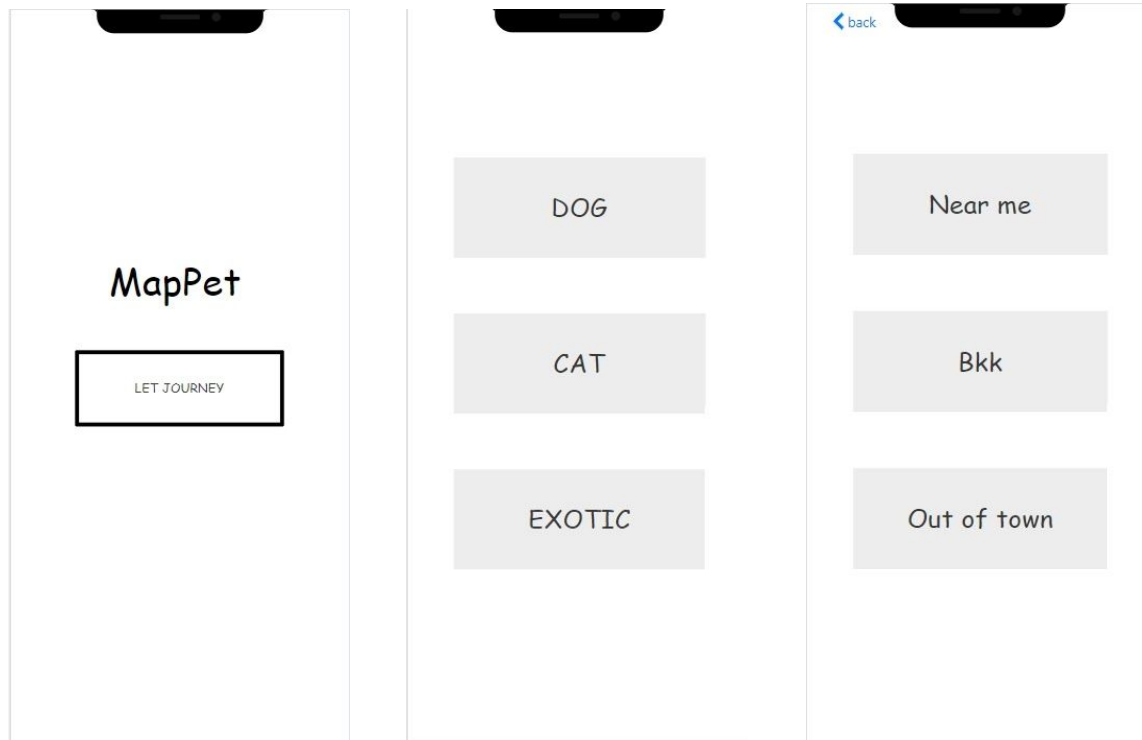For the Mock prototype (Wireframe)
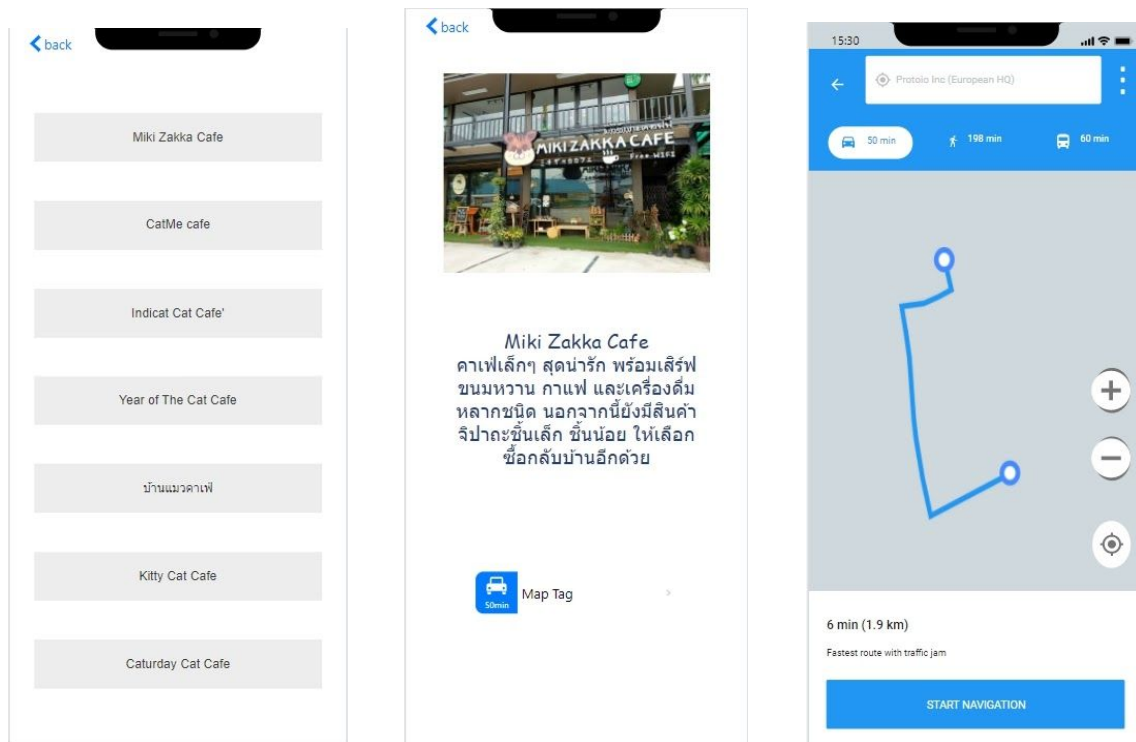

Figure 14: The prototype in the wireframe section 1

Figure 15: The prototype in the wireframe section 2