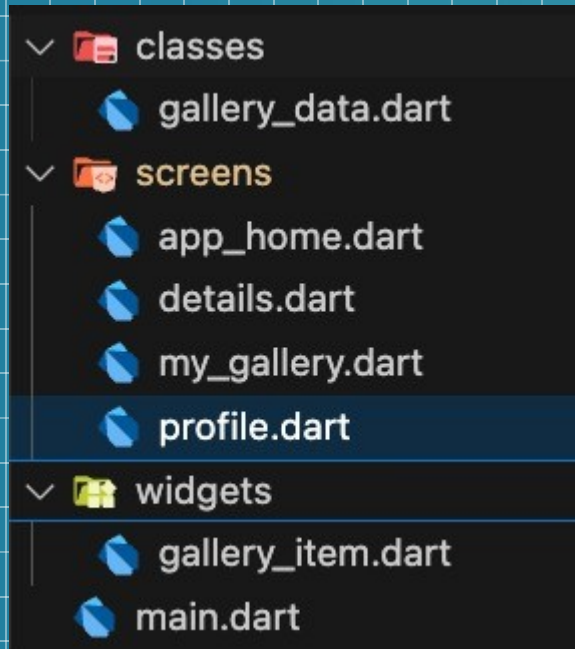




Bilder Galerie von Marcus Schmidt

Das ist eine Bilder Galerie App. Die mit einer
Navigation, Galerie und einer Detail-Page
ausgestattet ist.

Struktur



- Eigene Widgets
 - GalleryItem
- Pages
 - Profile
 - MyGallery
 - Details



Widgets und Komponenten

- GridView
- Card
- GestureDetector
- Text
- Column
- CircleAvatar

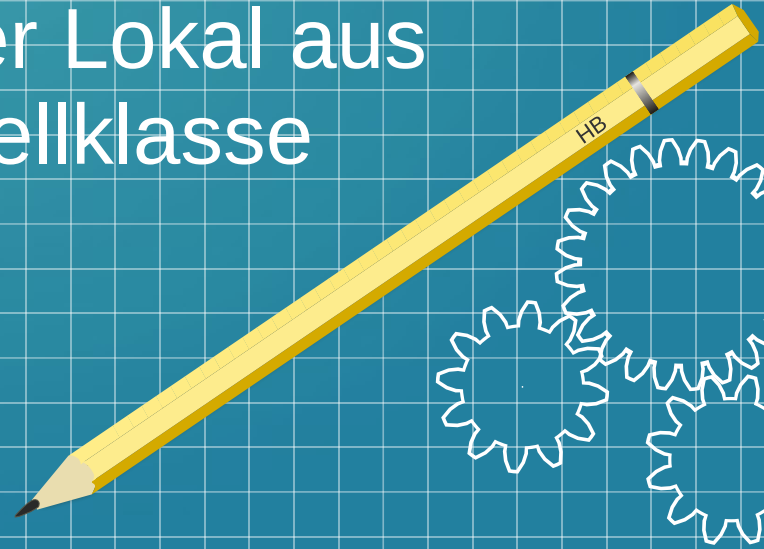
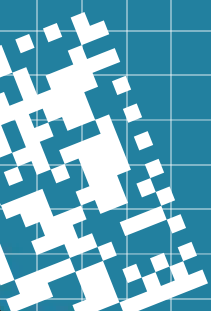


Widgets und Komponenten

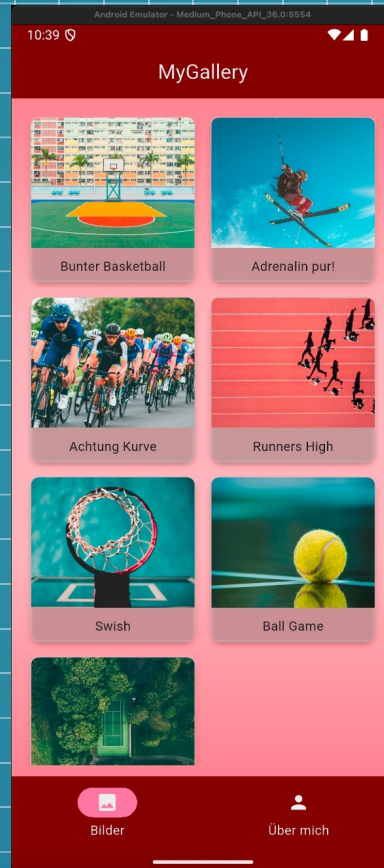
- Padding
- NavigationBar
- GalleryItem (Custom)
- SingleChildScrollView
- AppBar
- Icon



Technologie

- Flutter
 - Dart
 - AssetImage
 - Scrollable Widgets
 - Bilder Lokal aus Modellklasse
- 
- 

Screens



Screens



Screens

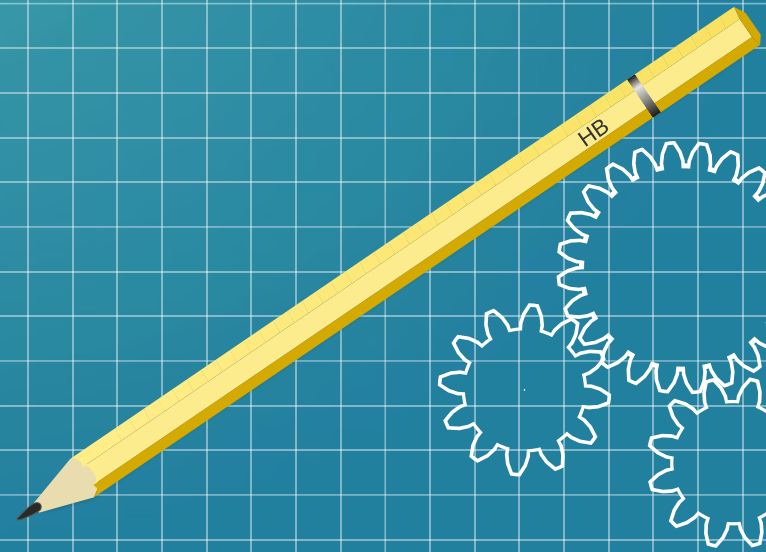
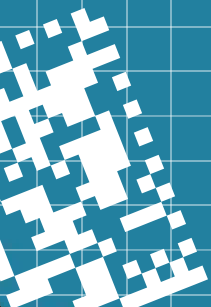
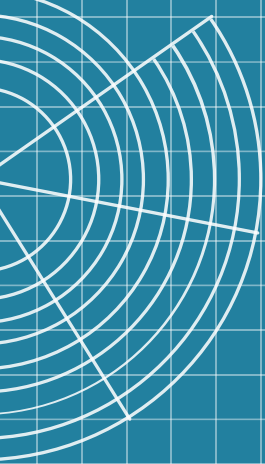




Lernings und Herausforderungen

- Ich habe die Navigation in Flutter mehr verstanden
- Ich habe ne ganze Zeit mit einem Fehler gestruggelt der allerdings daher, rührte das die Dateien die falschen Endungen hatten

Die wichtigsten Klassen als Quellcode



AppHome

```
import 'package:bilder_galerie_new/screens/my_gallery.dart';
import 'package:bilder_galerie_new/screens/profile.dart';
import 'package:flutter/material.dart';

class AppHome extends StatefulWidget {
  const AppHome({super.key});

  @override
  State<AppHome> createState() => _AppHomeState();
}

class _AppHomeState extends State<AppHome> {
  final List<Widget> screens = [MyGallery(), Profile()];
  final List<String> titles = ["MyGallery", "MyGallery", "Details"];
  int currentIndex = 0;
  String currentTitle = "MyGallery";

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: "Bilder Galerie",
      home: Scaffold(
        //backgroundColor: Color.fromARGB(255, 240, 188, 188),
        appBar: AppBar(
          title: Center(
            child: Text(
              currentTitle,
              style: TextStyle(color: ■Color(0xFFEEEEEE)),
            ), // Text
          ), // Center
          backgroundColor: ■const Color.fromARGB(255, 106, 7, 0),
        ), // AppBar
        body: screens[currentIndex],
        bottomNavigationBar: NavigationBar(
          selectedIndex: currentIndex,
          backgroundColor: ■const Color.fromARGB(255, 106, 7, 0),
          indicatorColor: ■const Color.fromARGB(255, 218, 134, 162),
          onDestinationSelected: (value) {
            setState(() {
              currentIndex = value;
              currentTitle = titles[value];
            });
          },
          labelTextStyle: WidgetStatePropertyAll(
            TextStyle(color: ■Color(0xFFEEEEEE)),
          ), // WidgetStatePropertyAll
          destinations: [
            NavigationDestination(
              icon: Icon(Icons.image, color: ■Color(0xFFEEEEEE)),
              label: "Bilder",
            ), // NavigationDestination
            NavigationDestination(
              icon: Icon(Icons.person, color: ■Color(0xFFEEEEEE)),
              label: "Über mich",
            ), // NavigationDestination
          ],
        ), // NavigationBar
      ), // Scaffold
    ); // MaterialApp
  }
}
```

GalleryItem

```
import 'package:flutter/material.dart';
import 'package:bilder_galerie_new/screens/details.dart';

// ignore: must_be_immutable
class GalleryItem extends StatelessWidget {
  String imagePath;
  String imageTitle;
  String imageDate;
  String imageDescription;
  GalleryItem({
    super.key,
    required this.imagePath,
    required this.imageTitle,
    this.imageDate = "",
    this.imageDescription = "",
  });


  @override
  Widget build(BuildContext context) {
    return GestureDetector(
      onTap: () {
        Navigator.of(
          context,
        ).push(MaterialPageRoute(builder: (context) => Details(item: this)));
      },
      child: Card(
        elevation: 4,
        color: Colors.grey.shade400.withValues(alpha: 0.3),
        child: Container(
          decoration: BoxDecoration(
            borderRadius: BorderRadius.circular(8.0),
            border: BoxBorder.all(
              color: Colors.grey.shade400.withValues(alpha: 0.6),
            ), // BoxBorder.all
          ), // BoxDecoration
          child: Column(
            spacing: 10,
            children: [
              ClipRRect(
                borderRadius: BorderRadiusGeometry.only(
                  topLeft: Radius.circular(8.0),
                  topRight: Radius.circular(8.0),
                ), // BorderRadiusGeometry.only
                child: Image.asset(
                  imagePath,
                  height: 140,
                  width: 200,
                  fit: BoxFit.cover,
                ), // Image.asset
              ), // ClipRRect
              Center(child: Text(imageTitle)),
            ], // Column
          ), // Container
        ), // Card
      ), // GestureDetector
    );
  }
}
```

Details

```
import 'package:bilder_galerie_new/widgets/gallery_item.dart';
import 'package:flutter/material.dart';

// ignore: must_be_immutable
class Details extends StatelessWidget {
  GalleryItem item;
  Details({super.key, required this.item});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Color.fromARGB(255, 243, 148, 148),
      appBar: AppBar(
        title: Center(
          child: Text("Details", style: TextStyle(color: Color(0xFFEEEEEE))),
        ), // Center
        foregroundColor: Color(0xFFEEEEEE),
        backgroundColor: const Color.fromARGB(255, 106, 7, 0),
      ), // AppBar
      body: SingleChildScrollView(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.max,
          children: [
            Image.asset(item.imagePath),
            Padding(
              padding: const EdgeInsets.all(16.0),
              child: Text(item.imageTitle, style: TextStyle(fontSize: 24)),
            ), // Padding
            Padding(
              padding: const EdgeInsets.symmetric(horizontal: 16.0),
              child: Text(
                item.imageDate,
                style: TextStyle(fontWeight: FontWeight.bold, fontSize: 14),
              ), // Text
            ), // Padding
            Padding(
              padding: const EdgeInsets.only(
                left: 16.0,
                top: 16.0,
                right: 16.0,
              ), // EdgeInsets.only
              child: Text(item.imageDescription),
            ), // Padding
          ],
        ), // Column
      ), // SingleChildScrollView
    ); // Scaffold
  }
}
```



Vielen Dank
für Ihre Aufmerksamkeit