Food Delivery App

1. **Changing theme using provider**
2. **Create a file for dark theme:**

**Dark\_theme.dart**

import 'package:flutter/material.dart';

ThemeData darkTheme = ThemeData(

  colorScheme: ColorScheme.dark(

      surface: const Color.fromARGB(255, 20, 20, 20), //background

      primary: const Color.fromARGB(255, 122, 122, 122),

      secondary: const Color.fromARGB(255, 30, 30, 30),

      tertiary: const Color.fromARGB(255, 47, 47, 47),

      inversePrimary: Colors.grey.shade300),

);

1. **Create a file for light theme:**

**Light\_theme.dart**

import 'package:flutter/material.dart';

ThemeData lightTheme = ThemeData(

  colorScheme: ColorScheme.light(

      surface: Colors.grey.shade300, //background

      primary: Colors.grey.shade500,

      secondary: Colors.grey.shade100,

      tertiary: Colors.white,

      inversePrimary: Colors.grey.shade700),

);

1. **Create a file for theme provider: do not forgot to add provider in pubspec.yaml**

import 'package:flutter/material.dart';

import 'package:food\_delivery/themes/dark\_theme.dart';

import 'package:food\_delivery/themes/light\_theme.dart';

class ThemeProvider extends ChangeNotifier {

  ThemeData \_themeData = lightTheme;

  //get theme

  ThemeData get themeData => \_themeData;

  //check dark theme

  bool get isDarkTheme => \_themeData == darkTheme;

  set themeData(ThemeData themeData) {

    \_themeData = themeData;

    notifyListeners();

  }

//change theme

  void toggleTheme() {

    if (\_themeData == lightTheme) {

      themeData = darkTheme;

    } else {

      themeData = lightTheme;

    }

  }

}

1. **Now register provider in main.dart also use theme:providers theme**

**Main.dart**

import 'package:flutter/material.dart';

import 'package:food\_delivery/screens/login\_screen.dart';

import 'package:food\_delivery/themes/theme\_provider.dart';

import 'package:provider/provider.dart';

void main() {

  runApp(

    ChangeNotifierProvider(

      create: (context) => ThemeProvider(),

      child: const MyApp(),

    ),

  );

}

class MyApp extends StatelessWidget {

  const MyApp({super.key});

  @override

  Widget build(BuildContext context) {

    return MaterialApp(

      debugShowCheckedModeBanner: false,

      title: 'Food Delivery',

      home: const LoginScreen(),

      //accessing theme provider

      theme: Provider.of<ThemeProvider>(context).themeData,

    );

  }

}

1. **Changing using toggle button**

**Setting\_screen.dart**

import 'package:flutter/cupertino.dart';

import 'package:flutter/material.dart';

import 'package:food\_delivery/themes/theme\_provider.dart';

import 'package:provider/provider.dart';

class SettingScreen extends StatefulWidget {

  const SettingScreen({super.key});

  @override

  State<SettingScreen> createState() => \_SettingScreenState();

}

class \_SettingScreenState extends State<SettingScreen> {

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(

        title: const Text("setting"),

      ),

      body: Column(

        children: [

          Container(

            margin: const EdgeInsets.symmetric(horizontal: 20, vertical: 5),

            padding: const EdgeInsets.all(20),

            decoration: BoxDecoration(

              color: Theme.of(context).colorScheme.secondary,

              borderRadius: BorderRadius.circular(10),

            ),

            child: Row(

              mainAxisAlignment: MainAxisAlignment.spaceBetween,

              children: [

                Text(

                  "Dark Theme",

                  style: TextStyle(

                    color: Theme.of(context).colorScheme.inversePrimary,

                  ),

                ),

                CupertinoSwitch(

                  value: Provider.of<ThemeProvider>(context, listen: false)

                      .isDarkTheme,

                  onChanged: (value) {

                    Provider.of<ThemeProvider>(context, listen: false)

                        .toggleTheme();

                  },

                ),

              ],

            ),

          ),

        ],

      ),

    );

  }

}