

MPL EXP 2**Code:****main.dart**

```
import 'package:flutter/material.dart';
import 'package:blinkit/screens/signin_screen.dart';
import 'package:blinkit/screens/homepage.dart';
import 'package:blinkit/screens/categories.dart' show CategoriesScreen;
import 'package:blinkit/screens/bakery_biscuits.dart';
import 'package:blinkit/screens/otpScreen.dart';
```

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

```
class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Grocery App',
      theme: ThemeData(
        primarySwatch: Colors.green,
      ),
      initialRoute: '/',
      routes: {
        '/': (context) => SignInScreen(),
        '/otp': (context) => OTPScreen(),
        '/home': (context) => HomePage(),
        '/categories': (context) => CategoriesScreen(),
        '/bakery_biscuits': (context) => BakeryBiscuitsPage(),
      },
    );
  }
}
```

signin_screen.dart

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

```
class SignInScreen extends StatelessWidget {
  const SignInScreen({Key? key}) : super(key: key);
```

```
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Colors.white,
```

```

body: Stack(
  children: [
    // 📌 Background Image at the Top
    Positioned(
      top: 0,
      left: 0,
      right: 0,
      child: Container(
        width: double.infinity,
        height: MediaQuery.of(context).size.height *
          0.45, // Takes 45% of screen
        decoration: BoxDecoration(
          image: DecorationImage(
            image: AssetImage("assets/blinkit_onboarding_screen.png"),
            fit: BoxFit.fitHeight,
          ),
        ),
      ),
    ),
  ),
),

// 📌 Bottom White Login Section
Positioned(
  bottom: 0,
  left: 0,
  right: 0,
  child: Container(
    width: double.infinity,
    height: MediaQuery.of(context).size.height * 0.55,
    decoration: BoxDecoration(
      color: Colors.white,
      borderRadius: BorderRadius.vertical(top: Radius.circular(20)),
    ),
    child: Column(
      mainAxisAlignment: MainAxisAlignment.min,
      children: [
        // Blinkit Logo
        Image.asset("assets/blinkit_logo.png", height: 50),
        SizedBox(height: 16),

        // Title
        Text(
          "India's last minute app",
          style: GoogleFonts.lato(
            fontSize: 20, fontWeight: FontWeight.bold),
        ),
        SizedBox(height: 8),
        Text(
          "Log in or sign up",

```

```

        style: TextStyle(fontSize: 16, color: Colors.grey[600]),
      ),
      SizedBox(height: 20),

      // Mobile Number Input
      TextField(
        keyboardType: TextInputType.phone,
        decoration: InputDecoration(
          prefixText: "+91 ",
          hintText: "Enter mobile number",
          border: OutlineInputBorder(
            borderRadius: BorderRadius.circular(10)),
          filled: true,
          fillColor: Colors.grey[200],
        ),
      ),
      SizedBox(height: 20),

      // Continue Button
      SizedBox(
        width: double.infinity,
        height: 50,
        child: ElevatedButton(
          onPressed: () {
            // Navigate to Home Screen
            Navigator.pushNamed(context, '/otp');
          },
          style: ElevatedButton.styleFrom(
            backgroundColor: Colors.grey[700],
            foregroundColor: Colors.white,
            shape: RoundedRectangleBorder(
              borderRadius: BorderRadius.circular(8)),
          ),
          child: Text("Continue", style: TextStyle(fontSize: 18)),
        ),
      ),

      SizedBox(height: 16),

      // Terms & Conditions
      Text(
        "By continuing, you agree to our Terms of service & Privacy policy",
        textAlign: TextAlign.center,
        style: TextStyle(fontSize: 12, color: Colors.grey[600]),
      ),
    ],
  ),
),
),

```

```

    ),
    ],
  ),
);
}
}

```

otpscreen.dart

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

```

class OTPScreen extends StatefulWidget {
  @override
  _OTPScreenState createState() => _OTPScreenState();
}

```

```

class _OTPScreenState extends State<OTPScreen> {
  final TextEditingController otpController = TextEditingController();

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      backgroundColor: Colors.white,
      body: Padding(
        padding: const EdgeInsets.all(24.0),
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          crossAxisAlignment: CrossAxisAlignment.center,
          children: [
            // Title
            Text(
              "Enter OTP",
              style: TextStyle(fontSize: 22, fontWeight: FontWeight.bold),
            ),
            SizedBox(height: 10),

            // Instructions
            Text(
              "We have sent a 6-digit code to your phone number.",
              textAlign: TextAlign.center,
              style: TextStyle(fontSize: 16, color: Colors.grey[600]),
            ),
            SizedBox(height: 30),

            // OTP Input Field
            TextField(
              controller: otpController,
              keyboardType: TextInputType.number,

```

```
textAlign: TextAlign.center,  
maxLength: 6,  
style: TextStyle(fontSize: 24, letterSpacing: 8),  
decoration: InputDecoration(  
  counterText: "",  
  hintText: "-----",  
  hintStyle: TextStyle(fontSize: 24, letterSpacing: 8),  
  border: OutlineInputBorder(  
    borderRadius: BorderRadius.circular(12),  
  ),  
,  
,  
)  
),  
SizedBox(height: 20),  
  
// Verify Button  
SizedBox(  
  width: double.infinity,  
  height: 50,  
  child: ElevatedButton(  
    onPressed: () {  
      // Add OTP verification logic here  
      Navigator.pushNamed(context, '/home');  
    },  
    style: ElevatedButton.styleFrom(  
      backgroundColor: Colors.green[700],  
      shape: RoundedRectangleBorder(  
        borderRadius: BorderRadius.circular(10),  
      ),  
    ),  
    child: Text(  
      "Verify OTP",  
      style: TextStyle(fontSize: 18, color: Colors.white),  
    ),  
  ),  
)  
),  
SizedBox(height: 15),  
  
// Resend OTP  
TextButton(  
  onPressed: () {  
    // Add Resend OTP logic here  
  },  
  child: Text(  
    "Resend OTP",  
    style: TextStyle(fontSize: 16, color: Colors.green[700]),  
  ),  
)
```

```

    ),
  ),
);
}
}

```

homepage.dart

```

import 'package:flutter/material.dart';
import 'package:google_fonts/google_fonts.dart';
import 'package:blinkit/screens/categories.dart';

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

class BlinkitClone extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      initialRoute: '/home',
      routes: {
        '/home': (context) => HomePage(),
        '/categories': (context) => CategoriesScreen(),
      },
    );
  }
}

class HomePage extends StatefulWidget {
  @override
  _HomePageState createState() => _HomePageState();
}

class _HomePageState extends State<HomePage> {
  int _selectedIndex = 0;

  void _onItemTapped(int index) {
    if (index == 2) {
      Navigator.pushNamed(context, '/categories');
    } else {
      setState(() {
        _selectedIndex = index;
      });
    }
  }

  @override

```

```

Widget build(BuildContext context) {
  return Scaffold(
    backgroundColor: Colors.white,
    bottomNavigationBar: BottomNavigationBar(
      currentIndex: _selectedIndex,
      selectedItemColor: Colors.green,
      unselectedItemColor: Colors.black,
      showUnselectedLabels: true,
      onTap: _onItemTapped,
      items: [
        BottomNavigationBarItem(icon: Icon(Icons.home), label: "Home"),
        BottomNavigationBarItem(
          icon: Icon(Icons.shopping_bag), label: "Order Again"),
        BottomNavigationBarItem(
          icon: Icon(Icons.category), label: "Categories"),
        BottomNavigationBarItem(icon: Icon(Icons.print), label: "Print"),
      ],
    ),
    body: SingleChildScrollView(
      child: Column(
        crossAxisAlignment: CrossAxisAlignment.start,
        children: [
          Container(
            color: Colors.yellow[700],
            padding: const EdgeInsets.only(
              top: 50, left: 16, right: 16, bottom: 10),
            child: Column(
              crossAxisAlignment: CrossAxisAlignment.start,
              children: [
                Row(
                  children: [
                    Icon(Icons.timer, color: Colors.black),
                    const SizedBox(width: 5),
                    Text(
                      "Blinkit in",
                      style: GoogleFonts.poppins(
                        fontSize: 14, fontWeight: FontWeight.w500),
                    ),
                    const SizedBox(width: 5),
                    Text(
                      "10 minutes",
                      style: GoogleFonts.poppins(
                        fontSize: 18, fontWeight: FontWeight.bold),
                    ),
                    Spacer(),
                    Icon(Icons.shopping_cart, color: Colors.black),
                    const SizedBox(width: 10),
                    CircleAvatar(

```

```

        backgroundColor: Colors.white,
        child: Icon(Icons.person, color: Colors.black),
      ),
    ],
  ),
  const SizedBox(height: 5),
  Text(
    "HOME - Ria Chaudhari, 202, Coral Nirmal ▼",
    style: GoogleFonts.poppins(
      fontSize: 14, fontWeight: FontWeight.w500),
  ),
  const SizedBox(height: 10),
  Container(
    padding: EdgeInsets.symmetric(horizontal: 10),
    decoration: BoxDecoration(
      color: Colors.white,
      borderRadius: BorderRadius.circular(10),
    ),
    child: Row(
      children: [
        Icon(Icons.search, color: Colors.black54),
        Expanded(
          child: TextField(
            decoration: InputDecoration(
              hintText: "Search 'cookies'",
              border: InputBorder.none,
              contentPadding:
                EdgeInsets.symmetric(vertical: 10),
            ),
          ),
        ),
        Icon(Icons.mic, color: Colors.black54),
      ],
    ),
  ),
  Container(
    padding: EdgeInsets.symmetric(vertical: 10),
    child: Row(
      mainAxisAlignment: MainAxisAlignment.spaceEvenly,
      children: [
        _CategoryItem(icon: Icons.shopping_bag, label: "All"),
        _CategoryItem(icon: Icons.favorite, label: "Weddings"),
        _CategoryItem(icon: Icons.tv, label: "Electronics"),
        _CategoryItem(icon: Icons.brush, label: "Beauty"),
        _CategoryItem(icon: Icons.child_care, label: "Kids"),
      ],
    ),
  ),

```



```

        _CategoryItem(icon: Icons.card_giftcard, label: "Gifting"),
    ],
),
),
Container(
    padding: EdgeInsets.all(16),
    decoration: BoxDecoration(
        color: Colors.yellow[100],
        borderRadius: BorderRadius.circular(10),
    ),
    child: Column(
        children: [
            Text("Welcome",
                style: GoogleFonts.poppins(
                    fontSize: 22, fontWeight: FontWeight.bold)),
            Text("Order now to avail exciting offers!",
                style: GoogleFonts.poppins(fontSize: 14)),
            Row(
                mainAxisAlignment: MainAxisAlignment.spaceEvenly,
                children: [
                    Text("Flat ₹50 OFF",
                        style: GoogleFonts.poppins(
                            fontSize: 16,
                            fontWeight: FontWeight.bold,
                            color: Colors.green)),
                    Text("+", style: GoogleFonts.poppins(fontSize: 20)),
                    Text("Free Delivery",
                        style: GoogleFonts.poppins(
                            fontSize: 16,
                            fontWeight: FontWeight.bold,
                            color: Colors.green)),
                ],
            ),
        ],
    ),
    Padding(
        padding: const EdgeInsets.symmetric(horizontal: 16),
        child: Text(
            "Bestsellers",
            style: GoogleFonts.poppins(
                fontSize: 18, fontWeight: FontWeight.bold),
        ),
    ),
    GridView.count(
        padding: const EdgeInsets.all(16),
        crossAxisCount: 3,
        shrinkWrap: true,

```

```

        physics: NeverScrollableScrollPhysics(),
        children: [
          _BestsellerItem(image:
"https://via.placeholder.com/400x300.png?text=Placeholder+Image", count: "+135 more"),
          _BestsellerItem(
            image: "https://via.placeholder.com/400x300.png?text=Placeholder+Image",
count: "+320 more"),
          _BestsellerItem(image:
"https://via.placeholder.com/400x300.png?text=Placeholder+Image", count: "+23 more"),
          _BestsellerItem(
            image: "https://via.placeholder.com/400x300.png?text=Placeholder+Image",
count: "+137 more"),
          _BestsellerItem(image:
"https://via.placeholder.com/400x300.png?text=Placeholder+Image", count: "+114 more"),
          _BestsellerItem(
            image: "https://via.placeholder.com/400x300.png?text=Placeholder+Image",
count: "+135 more"),
        ],
      ),
    ],
  ),
);
}
}

```

```

class _CategoryItem extends StatelessWidget {
  final IconData icon;
  final String label;
  _CategoryItem({required this.icon, required this.label});

  @override
  Widget build(BuildContext context) {
    return Column(
      children: [
        Icon(icon, size: 28, color: Colors.black),
        Text(label, style: GoogleFonts.poppins(fontSize: 12)),
      ],
    );
  }
}

```

```

class _BestsellerItem extends StatelessWidget {
  final String image;
  final String count;
  _BestsellerItem({required this.image, required this.count});

  @override

```

```

Widget build(BuildContext context) {
  return Column(
    children: [
      Image.asset(image, height: 50, fit: BoxFit.cover),
      Text(count, style: GoogleFonts.poppins(fontSize: 12)),
    ],
  );
}

```

bakery_biscuit.dart

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

```

class BakeryBiscuitsPage extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        backgroundColor: Colors.amber.shade100,
        elevation: 0,
        title: Text(
          "Bakery & Biscuits",
          style: TextStyle(
            fontSize: 20, fontWeight: FontWeight.bold, color: Colors.black),
        ),
      ),
      leading: IconButton(
        icon: Icon(Icons.arrow_back, color: Colors.black),
        onPressed: () {
          Navigator.pop(context);
        },
      ),
      body: Row(
        children: [
          // Sidebar Categories with Images
          Container(
            width: 100,
            color: Colors.white,
            child: ListView(
              children: [
                CategoryTile(
                  label: 'Cookies',
                  image: 'https://via.placeholder.com/400x300.png?text=Placeholder+Image',
                  isSelected: true),
                CategoryTile(
                  label: 'Cream Biscuits',
                  image: 'https://via.placeholder.com/400x300.png?text=Placeholder+Image'),
              ],
            ),
          ],
        ),
      ),
    );
  }
}

```

```

        CategoryTile(
          label: 'Healthy & Digestive',
          image: 'https://via.placeholder.com/400x300.png?text=Placeholder+Image'),
        CategoryTile(
          label: 'Sweet & Salty', image:
'https://via.placeholder.com/400x300.png?text=Placeholder+Image'),
        CategoryTile(
          label: 'Glucose & Marie',
          image: 'https://via.placeholder.com/400x300.png?text=Placeholder+Image'),
        CategoryTile(
          label: 'Rusks & Wafers', image:
'https://via.placeholder.com/400x300.png?text=Placeholder+Image'),
        CategoryTile(
          label: 'Cakes & Rolls', image:
'https://via.placeholder.com/400x300.png?text=Placeholder+Image'),
        CategoryTile(
          label: 'Baking Ingredients',
          image: 'https://via.placeholder.com/400x300.png?text=Placeholder+Image'),
      ],
    ),
  ),
  Expanded(
    child: Column(
      children: [
        Expanded(
          child: GridView.builder(
            padding: EdgeInsets.all(8),
            gridDelegate: SliverGridDelegateWithFixedCrossAxisCount(
              crossAxisCount: 2,
              crossAxisSpacing: 10,
              mainAxisSpacing: 10,
              childAspectRatio: 0.7,
            ),
            itemCount: products.length,
            itemBuilder: (context, index) {
              return ProductTile(product: products[index]);
            },
          ),
        ),
      ],
    ),
  ),
);
}
}

```

```

class CategoryTile extends StatelessWidget {
  final String label;
  final String image;
  final bool isSelected;

  CategoryTile(
    {required this.label, required this.image, this.isSelected = false});

  @override
  Widget build(BuildContext context) {
    return Padding(
      padding: const EdgeInsets.symmetric(vertical: 8.0),
      child: Column(
        children: [
          Container(
            height: 50,
            width: 50,
            decoration: BoxDecoration(
              borderRadius: BorderRadius.circular(10),
              image: DecorationImage(
                image: AssetImage(image),
                fit: BoxFit.cover,
              ),
            ),
          ),
          SizedBox(height: 5),
          Text(
            label,
            textAlign: TextAlign.center,
            style: TextStyle(
              color: isSelected ? Colors.green : Colors.black,
              fontWeight: isSelected ? FontWeight.bold : FontWeight.normal,
            ),
          ),
        ],
      ),
    );
  }
}

```

```

class ProductTile extends StatelessWidget {
  final Product product;

  ProductTile({required this.product});

  @override
  Widget build(BuildContext context) {
    return Card(

```

```

shape: RoundedRectangleBorder(borderRadius: BorderRadius.circular(10)),
child: Column(
  crossAxisAlignment: CrossAxisAlignment.start,
  children: [
    Expanded(
      child: Image.network(
        product.imageUrl,
        fit: BoxFit.cover,
        width: double.infinity,
      ),
    ),
    Padding(
      padding: const EdgeInsets.all(8.0),
      child: Text(
        product.name,
        style: TextStyle(fontWeight: FontWeight.bold),
      ),
    ),
    Padding(
      padding: const EdgeInsets.symmetric(horizontal: 8.0),
      child: Row(
        mainAxisAlignment: MainAxisAlignment.spaceBetween,
        children: [
          Text(
            '₹${product.price}',
            style: TextStyle(
              color: Colors.green, fontWeight: FontWeight.bold),
          ),
          ElevatedButton(
            onPressed: () {},
            child: Text('ADD'),
          ),
        ],
      ),
    ),
  ],
);
}

```

```

class Product {
  final String name;
  final String imageUrl;
  final double price;

  Product({required this.name, required this.imageUrl, required this.price});
}

```

```
List<Product> products = [
  Product(
    name: 'Sunfeast Baked Creations Walnut & Choco Chip Cookies',
    imageUrl: 'https://via.placeholder.com/400x300.png?text=Placeholder+Image',
    price: 134.0),
  Product(
    name: 'Hide & Seek Chocolate Chip Cookies (100 g)',
    imageUrl: 'https://via.placeholder.com/400x300.png?text=Placeholder+Image',
    price: 29.0),
  Product(
    name: 'Hide & Seek Chocolate Chip Cookies (200 g)',
    imageUrl: 'https://via.placeholder.com/400x300.png?text=Placeholder+Image',
    price: 45.0),
  Product(
    name: 'Britannia Good Day Cashew Biscuit',
    imageUrl: 'https://via.placeholder.com/400x300.png?text=Placeholder+Image',
    price: 49.0),
];
```

Output:



