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Exp -03

Aim: To include icons, images, fonts in flutter app.

Code:

Explore.dart

```
import 'package:flutter/material.dart';
import 'package:my_app/Widgets/home_app_bar.dart';
import 'package:my_app/screens/post_screen.dart';

class Explore extends StatelessWidget {
  var category = [
    'Best Places',
    'Most Visited',
    'Favourites',
    'New Added',
    'Hotels',
    'Restaurants'
  ];

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: PreferredSize(
        preferredSize: Size.fromHeight(90.0),
        child: HomeAppBar(),
      ),
      body: SafeArea(
        child: Padding(
          padding: EdgeInsets.symmetric(vertical: 30),
          child: SingleChildScrollView(
            child: Column(
              children: [
                Row(
                  children: [
                    Expanded(
                      child: Container(
                        height: 200,
                        child: ListView.builder(
                          itemCount: 6,
                          scrollDirection: Axis.horizontal,
                          shrinkWrap: true,
                          itemBuilder: (BuildContext context, int index) {
```

```
return InkWell(
  onTap: () {},
  child: Container(
    width: 160,
    padding: EdgeInsets.all(20),
    margin: EdgeInsets.only(left: 15),
    decoration: BoxDecoration(
      color: Colors.black,
      borderRadius: BorderRadius.circular(15),
      image: DecorationImage(
        //city1.jpg
        image: AssetImage(
          "assets/city${index + 1}.jpg"),
        fit: BoxFit.cover,
        opacity: 0.7,
      ),
    ),
  ),
  child: Column(children: [
    Container(
      alignment: Alignment.topRight,
      child: Icon(
        Icons.bookmark_border_outlined,
        color: Colors.white,
        size: 30,
      ),
    ),
    Spacer(),
    Container(
      alignment: Alignment.bottomLeft,
      child: Text(
        "City Name",
        style: TextStyle(
          color: Colors.white,
          fontSize: 17,
          fontWeight: FontWeight.w600,
        ),
      ),
    ),
  ]),
);
```

```
padding: EdgeInsets.all(8),
child: Row(children: [
    for (int i = 0; i < 6; i++)
        Container(
            margin: EdgeInsets.symmetric(horizontal: 10),
            padding: EdgeInsets.all(10),
            decoration: BoxDecoration(
                color: Colors.white,
                borderRadius: BorderRadius.circular(10),
                boxShadow: [
                    BoxShadow(
                        color: Colors.black26,
                        blurRadius: 6,
                    )
                ],
            child: Text(
                category[i],
                style: TextStyle(
                    fontSize: 15,
                    fontWeight: FontWeight.w500,
                ),
            ),
        )
    ]),
),
),
),
)
PreferredSize(height: 10),
ListView.builder(
    physics: NeverScrollableScrollPhysics(),
    itemCount: 6,
    shrinkWrap: true,
    itemBuilder: (BuildContext context, int index) {
        return Padding(
            padding: EdgeInsets.all(15),
            child: Column(
                children: [
                    InkWell(
                        onTap: () {
                            Navigator.push(
                                context,
                                MaterialPageRoute(
                                    builder: (context) => PostScreen(),
                                ));
                        },
                    child: Container(
                        height: 200,
                        decoration: BoxDecoration(
                            color: Colors.black,
                            borderRadius: BorderRadius.circular(15)
```

```

        image: DecorationImage(
          image: AssetImage(
            "assets/city${index + 1}.jpg"),
          fit: BoxFit.cover,
          opacity: 0.8,
        ),
      ),
    ),
  ),
  Padding(
    padding: EdgeInsets.only(top: 10),
    child: Row(
      mainAxisAlignment:
        MainAxisAlignment.spaceBetween,
      children: [
        Text(
          "City Name",
          style: TextStyle(
            fontSize: 20,
            fontWeight: FontWeight.w600,
          ),
        ),
        Icon(Icons.more_vert, size: 30),
      ],
    ),
  ),
  SizedBox(height: 5),
  Row(
    children: [
      Icon(
        Icons.star,
        color: Colors.amber,
        size: 20,
      ),
      Text(
        "4.5",
        style: TextStyle(
          fontWeight: FontWeight.w500,
        ),
      ),
    ],
  ),
),
],
),
),
);
})
],
),
),
),

```

```

    ),
  ),
  bottomNavigationBar: BottomAppBar(),
);
}
}

```

HomeAppBar.dart

```

import 'package:flutter/material.dart';

class HomeAppBar extends StatelessWidget {
  const HomeAppBar({super.key});

  @override
  Widget build(BuildContext context) {
    return Padding(
      padding: EdgeInsets.all(20),
      child: Row(mainAxisAlignment: MainAxisAlignment.spaceBetween, children: [
        InkWell(
          onTap: () {},
          child: Container(
            padding: EdgeInsets.all(10),
            decoration: BoxDecoration(
              color: Colors.white,
              boxShadow: [
                BoxShadow(
                  color: Colors.black26,
                  blurRadius: 6,
                ),
              ],
            borderRadius: BorderRadius.circular(10),
          ),
          child: Icon(
            Icons.sort_rounded,
            size: 28,
          ),
        ),
        Row(
          children: [
            Icon(
              Icons.location_on,
              color: Color(0xFFFF65959),
            ),
            Text(
              "New York, USA",
              style: TextStyle(fontSize: 18, fontWeight: FontWeight.w500),
            ),
          ],
        ),
      ]),
    ),
  ),
);

```

```

    ],
  ),
  InkWell(
    onTap: () {},
    child: Container(
      padding: EdgeInsets.all(10),
      decoration: BoxDecoration(
        color: Colors.white,
        boxShadow: [
          BoxShadow(
            color: Colors.black26,
            blurRadius: 8,
          ),
        ],
      ),
      borderRadius: BorderRadius.circular(15),
    ),
    child: Icon(Icons.search),
  ),
),
]),
);
}
}

```

PostScreen.dart

```

import 'package:flutter/material.dart';
import 'package:my_app/Widgets/post_app_bar.dart';
import 'package:my_app/Widgets/post_bottom_bar.dart';

class PostScreen extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Container(
      decoration: BoxDecoration(
        image: DecorationImage(
          image: AssetImage('assets/city5.jpg'),
          fit: BoxFit.cover,
          opacity: 0.7,
        ),
      ),
      child: Scaffold(
        backgroundColor: Colors.transparent,
        appBar: PreferredSize(
          preferredSize: Size.fromHeight(90),
          child: PostAppBar(),
        ),
      ),
    ),
  ),
}

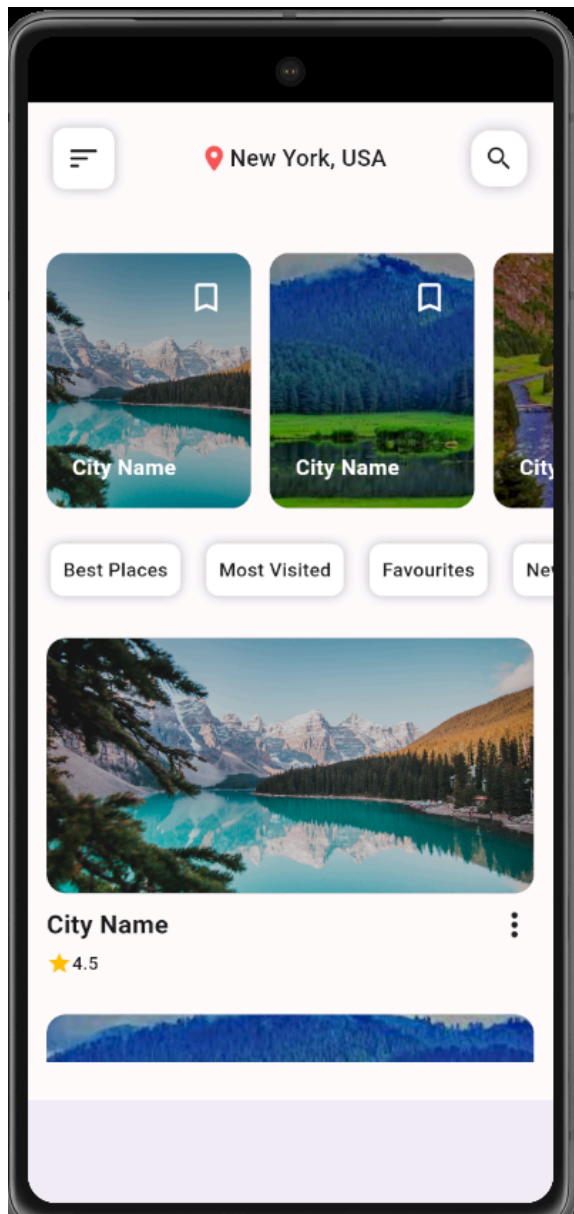
```

```

        bottomNavigationBar: PostBottomBar(),
      ),
    );
  }
}

```

Output:





Widgets used:

Icons used: Back Arrow, bookmark, like, star

Images used