

Aim : To include icons, images, fonts in Flutter app

Code :

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

class HomeScreen extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text(
          "Plant Care Home",
          style: TextStyle(fontFamily: 'CustomFont', fontSize: 22),
        ),
        backgroundColor: Colors.green,
        actions: [
          IconButton(
            icon: Icon(Icons.logout),
            onPressed: () {
              Navigator.pushReplacement(
                context, MaterialPageRoute(builder: (context) => LoginScreen()));
            },
          ),
        ],
      ),
      body: Padding(
        padding: const EdgeInsets.all(16.0),
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.start,
          children: [
            // 🌿 Welcome Section
            Text(
              "Welcome to Plant Care 🌿",
              style: TextStyle(
                fontSize: 22,
                fontWeight: FontWeight.bold,
                fontFamily: 'CustomFont',
              ),
            ),
            SizedBox(height: 10),
            Text(
              "Nurture your plants with love and care!",
            ),
          ],
        ),
      ),
    );
  }
}
```

```

        style: TextStyle(fontSize: 16, color: Colors.grey.shade700),
      ),
      SizedBox(height: 20),

      // 🌱 Header Image
      Center(
        child: ClipRRect(
          borderRadius: BorderRadius.circular(15),
          child: Image.asset("assets/images/plant_banner.avif",
            width: double.infinity, height: 150, fit: BoxFit.cover),
        ),
      ),
      SizedBox(height: 20),

      // 🌿 Plant Care Cards
      Expanded(
        child: GridView.count(
          crossAxisCount: 2,
          crossAxisSpacing: 10,
          mainAxisSpacing: 10,
          children: [
            _buildPlantCard("Watering Tips", "Proper watering ensures healthy growth",
              Icons.water_drop, "assets/images/watering.jpeg"),
            _buildPlantCard("Sunlight Needs", "Different plants require different sunlight",
              Icons.wb_sunny, "assets/images/sunlight.jpeg"),
            _buildPlantCard("Soil Health", "Use nutrient-rich soil for better growth",
              Icons.grass, "assets/images/soil.jpeg"),
            _buildPlantCard("Pest Control", "Keep your plants safe from pests",
              Icons.bug_report, "assets/images/pests.jpeg"),
          ],
        ),
      ),
    ],
  ),
);
}

```

```

// Reusable Plant Info Card with Image
Widget _buildPlantCard(String title, String description, IconData icon, String imagePath) {
  return Card(
    shape: RoundedRectangleBorder(borderRadius: BorderRadius.circular(15)),
    elevation: 5,
    color: Colors.green.shade100,
  );
}

```

```

child: Column(
  crossAxisAlignment: CrossAxisAlignment.center,
  children: [
    ClipRRect(
      borderRadius: BorderRadius.vertical(top: Radius.circular(15)),
      child: Image.asset(imagePath, height: 80, width: double.infinity, fit: BoxFit.cover),
    ),
    Padding(
      padding: EdgeInsets.all(10),
      child: Column(
        mainAxisAlignment: MainAxisAlignment.center,
        children: [
          Icon(icon, size: 30, color: Colors.green.shade800),
          SizedBox(height: 5),
          Text(title,
            textAlign: TextAlign.center,
            style: TextStyle(fontSize: 16, fontWeight: FontWeight.bold, fontFamily:
'CustomFont')),
          SizedBox(height: 5),
          Text(description,
            textAlign: TextAlign.center,
            style: TextStyle(fontSize: 12, color: Colors.grey.shade700)),
        ],
      ),
    ),
  ],
),
);
}
}

```



