

### MPL experiment 3 SS

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

class HomePage extends StatelessWidget {
  final FirebaseAuth _auth = FirebaseAuth.instance;

  @override
  Widget build(BuildContext context) {
    User? user = _auth.currentUser;

    return Scaffold(
      appBar: AppBar(
        title: Text("Home"),
        actions: [
          IconButton(
            icon: Icon(Icons.logout),
            onPressed: () async {
              await _auth.signOut();
              Navigator.pushReplacement(
                context,
                MaterialPageRoute(builder: (context) => LoginPage()),
              );
            },
          ),
        ],
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            // Displaying an image from assets
            Image.network(
              'https://upload.wikimedia.org/wikipedia/commons/1/17/Google-flutter-logo.png',
              width: 100,
              height: 100,
            ),
            SizedBox(height: 20),
            // Displaying an icon from material icons
            Icon(Icons.favorite, color: Colors.red, size: 50),
            SizedBox(height: 20),
            // Displaying custom font text
            Text(
              'This is a built-in font',
              style: TextStyle(fontFamily: 'Georgia', fontSize: 24),
            )
          ],
        ),
      ),
    );
  }
}
```

```
    ],  
  ),  
),  
);  
}  
}
```

