

# SSMS Task Revamp

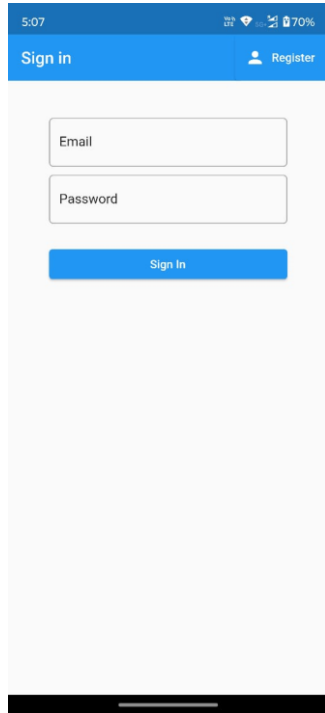
-Aryan Gupta (2022B3PS0495P)

NEW APK:

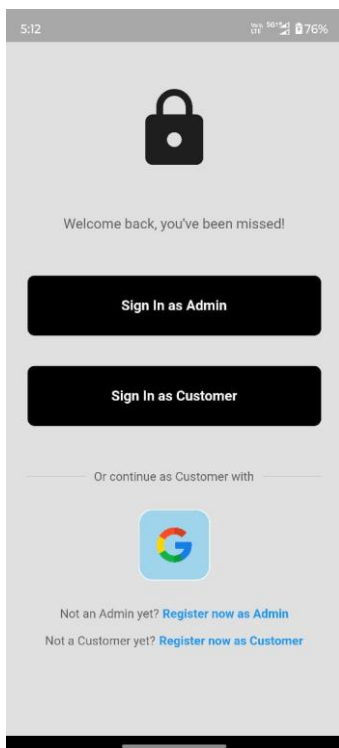
<https://drive.google.com/file/d/156rXBN5COZNOnpjvHP5dAQA8EOANyUvJv/view?usp=sharing>

# 1. UI

Before:

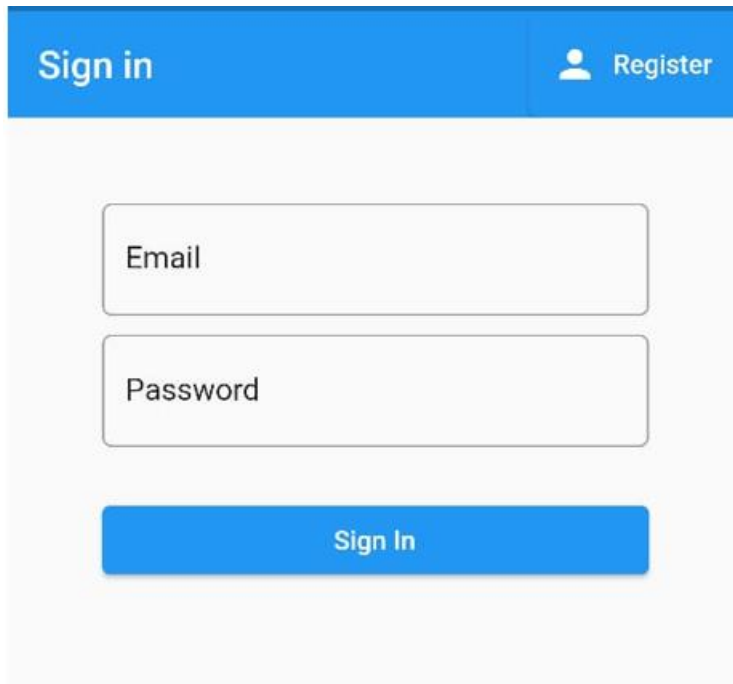


After:



## 2. IMPLEMENTED GOOGLE-SIGN IN

Before:



Sign in

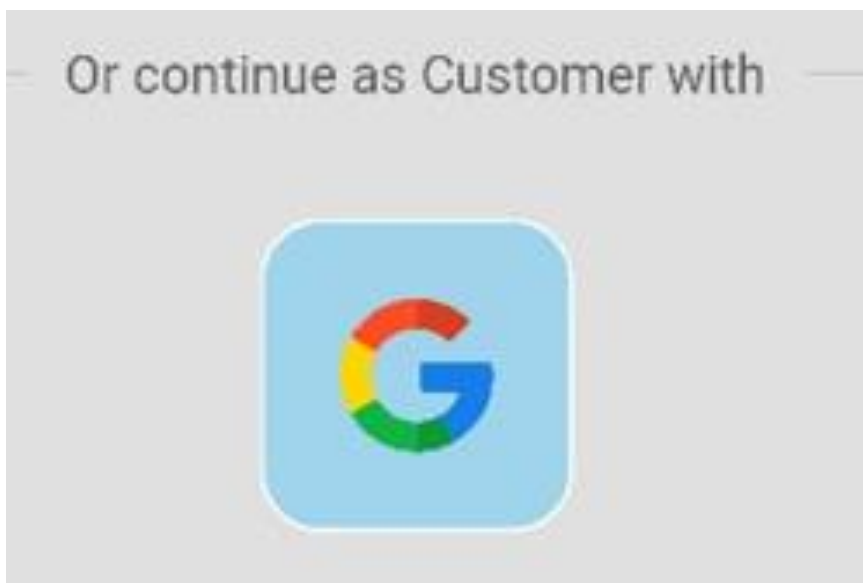
Register

Email

Password

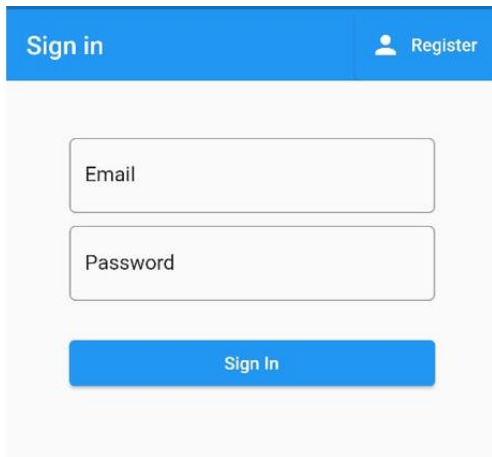
Sign In

After:



### 3. DEFINED ROLES + SIGNIN/UP FOR ADMIN/USER

Before:



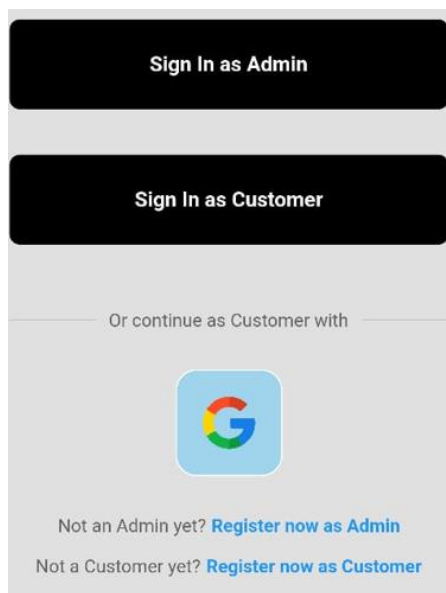
Sign in Register

Email

Password

Sign In


After:



Sign In as Admin

Sign In as Customer

Or continue as Customer with



Not an Admin yet? [Register now as Admin](#)

Not a Customer yet? [Register now as Customer](#)

|   |                                |                                    |
|---|--------------------------------|------------------------------------|
| <a href="#">Home</a> > <a href="#">roles</a> > PU0qsGLfW44P.. <span>More in Google Cloud</span> |                                |                                    |
| ssms-revamp-final   | roles                          | PJ0qsGLfW44PXb9NnNiC               |
| <a href="#">+ Start collection</a>  | <a href="#">+ Add document</a> | <a href="#">+ Start collection</a> |
| items   | PU0qsGLfW44PXb9NnNiC           | <a href="#">+ Add field</a>        |
| roles   | wjTdATipLNbCSfuyPJdb           | email: "customer@gmail.com"        |
|   |                                | role: "customer"                   |

## 4. IMPLEMENTED ROLE WISE PERMISSIONS

Features for Admin:

5:24 96%

Hi, null Log out

|          |           |  |  |
|----------|-----------|--|--|
| Rs. 400  | Mouse     |  |  |
|          | Stock: 50 |  |  |
| Rs. 8000 | Monitor   |  |  |
|          | Stock: 1  |  |  |

### Update your item

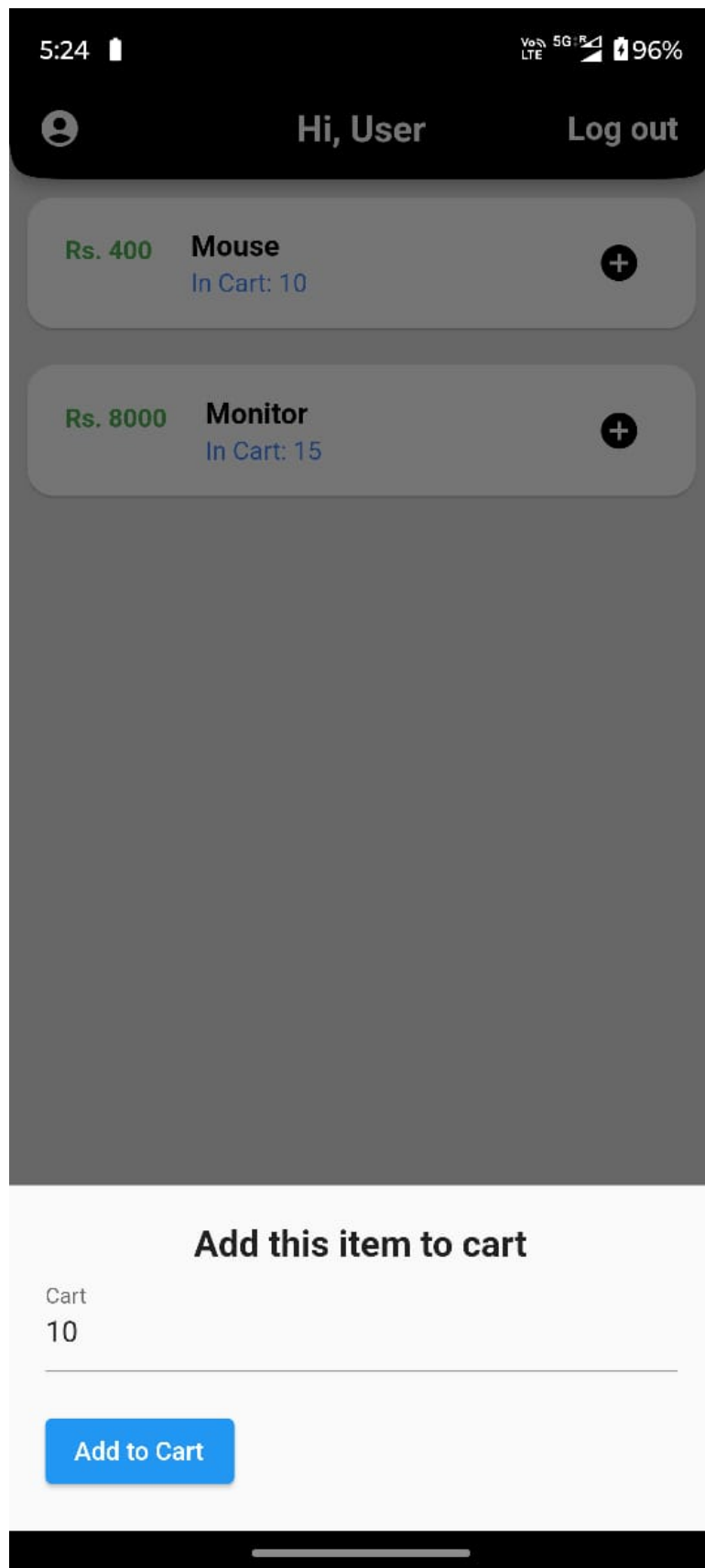
Name  
Mouse

Cost  
400

Stock  
50

Update

## Features for Customer:



## 5. IMPLEMENTED CART WITH REAL TIME UPDATES

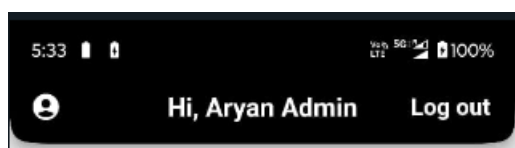
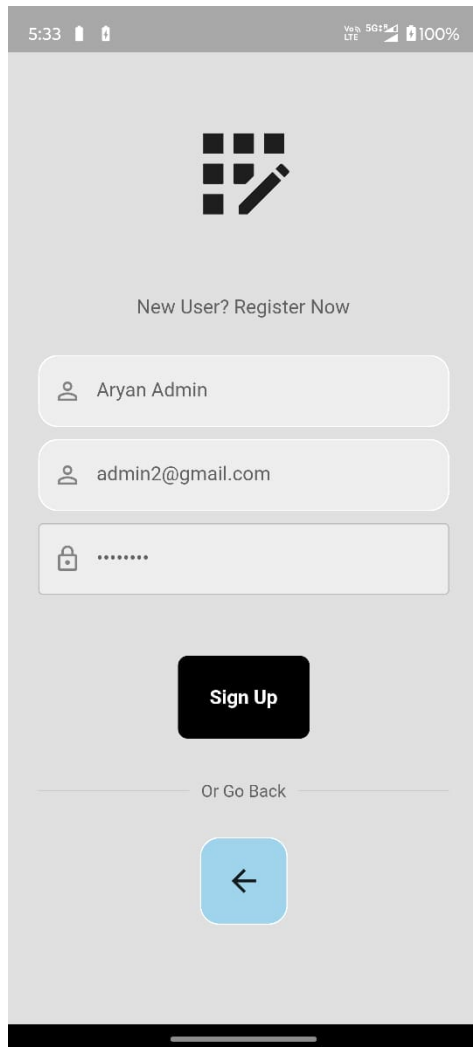


Firebase Code:

```
onPressed: () async {  
  
  int? cart= int.tryParse(_cartController.text);  
  
  await _items  
    .doc(documentSnapshot!.id)  
    .update({"cart":cart});  
  // await _items  
  //   .doc(documentSnapshot!.id)  
  //   .update({"price":tempprice.toString()});  
  
  price+=cart!*documentSnapshot['sn'];  
  print(price);  
  setState(() {  
  
  });  
};
```

## 6. LINKED NEW LOCAL DB – Hive for Username

Relevant Screenshots:



```
Future<void> main() async {
  WidgetsFlutterBinding.ensureInitialized();
  await Firebase.initializeApp(options: DefaultFirebaseOptions.currentPlatform);
  await Hive.initFlutter();
  var box = await dbcheck();

  runApp(MyApp());
}

int dbcheck(){
  if(Hive.isBoxOpen('mybox')==true){
    return 1;
  }
  else {
    Hive.openBox('mybox');
    return 1;
  }
}
```