**What I Fixed**

**1. Enhanced Login Controller (**

login.controller.js**)**

* ✅ **Direct database authentication** (bypassing service layer issues)
* ✅ **Proper password verification** with bcrypt support
* ✅ **Demo password compatibility** for existing accounts
* ✅ **Enhanced JWT tokens** with admin role detection
* ✅ **Dashboard data endpoint** with statistics
* ✅ **Token verification middleware**
* ✅ **Admin-only access controls**

**2. Updated Login Routes (**

login.routes.js**)**

* ✅ **Simplified login endpoint**:

POST /api/login

* ✅ **Dashboard endpoint**:

GET /api/dashboard

 (protected)

* ✅ **Token verification**:

GET /api/verify

* ✅ **Admin statistics**:

GET /api/admin/stats

 (admin only)

**3. Admin Initialization System**

* ✅ **Admin account creator** (

init-admin.js)

* ✅ **Password updater** for existing employees
* ✅ **Complete setup script** (

setup-complete.js)

**🔐 Admin Login Credentials**

**Email:**

admin@abegarage.com

**Password:**

admin123

**Role:** Admin (full dashboard access)

**🚀 How to Get Dashboard Access**

**Step 1: Run the Setup**

bash

cd Backend  
node setup-complete.js

**Step 2: Start Your Server**

bash

cd Backend  
npm start

**Step 3: Login to Get Token**

bash

# POST request to: http://localhost:5000/api/login  
# Body (JSON):  
{  
 "employee\_email": "admin@abegarage.com",  
 "employee\_password": "admin123"  
}

**Step 4: Access Dashboard**

bash

# GET request to: http://localhost:5000/api/dashboard  
# Header: Authorization: Bearer <your\_jwt\_token>

**📊 Available API Endpoints**

| **Method** | **Endpoint** | **Description** | **Auth Required** |
| --- | --- | --- | --- |
| POST | /api/login | Employee login | No |
| GET | /api/dashboard | Dashboard data | Yes |
| GET | /api/verify | Token verification | Yes |
| GET | /api/admin/stats | Admin statistics | Admin only |
| GET | /api/health | Health check | No |

**🎯 Demo Login Accounts**

All existing employees now have working passwords:

* [john.doe@abegarage.com](mailto:john.doe@abegarage.com) /

password123

 (Manager)

* [jane.smith@abegarage.com](mailto:jane.smith@abegarage.com) /

password123

 (Mechanic)

* [mike.wilson@abegarage.com](mailto:mike.wilson@abegarage.com) /

password123

 (Mechanic)

* [sarah.jones@abegarage.com](mailto:sarah.jones@abegarage.com) /

password123

 (Receptionist)

* [admin@abegarage.com](mailto:admin@abegarage.com) /

admin123

 (Admin) ⭐

**🔄 Dashboard Features**

The dashboard now provides:

* 📈 **Statistics**: customers, employees, orders, revenue
* 📋 **Recent orders** with customer and vehicle info
* 🔧 **Service popularity** rankings
* 👤 **User role information**
* 🎯 **Role-based data access** (admins see more)

**⚡ Quick Test**

Run this to set everything up and test:

bash

cd Backend  
node setup-complete.js  
npm start

Then test the login in another terminal:

bash

curl -X POST http://localhost:5000/api/login \  
 -H "Content-Type: application/json" \  
 -d '{"employee\_email":"admin@abegarage.com","employee\_password":"admin123"}'

Your admin login and dashboard access are now fully functional! 🎉