🔐 Login and Registration – User Guide

# 🧩 1. Feature Name

Login and Registration

# 📝 2. What This Feature Does

This feature enables users to securely create an account and log into the Household Management System. Registration links each user to a household, while login ensures only authorized users access household data.

# 👤 3. Who Should Use This

All users of the Household Management System, including family members, parents, and household admins.

# 🗂️ 4. Where to Find It

Menu Location: Launch Screen → Login Form or Register Form  
This appears automatically when the application starts.

# 🛠️ 5. How to Use It (Step-by-Step)

Step 1: On application start, choose either Login or Register.  
  
To Register:  
- Enter Full Name  
- Enter Username  
- Enter Password  
- Confirm Password  
- Select or Create Household Name  
- Click Register  
  
To Login:  
- Enter Username  
- Enter Password  
- Select Household (if multiple exist)  
- Click Login  
  
Step 2: If the login or registration is successful, the user is redirected to the dashboard.

# ⚠️ 6. Things to Note

- Password must be at least 6 characters.  
- Username must be unique.  
- Confirm Password must match Password.  
- Household selection is required.  
- Incorrect credentials will show an error message.

# 📊 7. Sample Data & Output

Sample Registration:  
- Name: Sarah Lopez  
- Username: sarahlopez  
- Password: \*\*\*\*\*\*\*\*  
- Household: LopezFamily  
  
Expected Output:  
User account created successfully. On next launch, Sarah can log in using her credentials.

# 🧰 8. Troubleshooting

# 👨‍💻 9. Feature Owner

Name: [Your Full Name]  
Role: Developer – Login and Registration Module

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| ❓ Issue | 🔍 Cause | 💡 Solution |
| Login failed | Incorrect username or password | Check credentials and try again |
| Registration failed | Username already exists | Choose a different username |
| Cannot proceed | Household not selected | Select or create a household |
| Password mismatch | Password and confirm don't match | Re-enter matching passwords |