

SuperPOS In-App Walkthrough Guide

Overview

The SuperPOS system now includes an **interactive in-app walkthrough** that guides new users through all the major features of the application. This onboarding experience helps users quickly understand and navigate the system.

Features

1. Automatic Launch for New Users

- The walkthrough automatically starts when a user logs in for the first time
- Only shows once per browser (tracked via localStorage)
- Provides a comprehensive tour of all major features

2. Manual Tour Control

- **Start Tour Button:** Available in the left sidebar navigation
- Users can restart the tour anytime from the “Start Tour” button
- Tour can be skipped at any time

3. Comprehensive Coverage

The walkthrough covers **10 major sections**:

1. Welcome & Introduction

- Overview of the tour
- Navigation instructions

2. Dashboard

- Real-time metrics
- Sales trends
- Top products
- Low stock alerts

3. Point of Sale (POS)

- Transaction processing
- Barcode scanning
- Cart management
- Payment methods
- Receipt generation

4. Product Management

- Product catalog
- Stock tracking
- Excel import
- Barcode generation

5. Inventory Control

- Stock adjustments
- Store transfers
- Inventory history
- Low stock monitoring

6. Reports & Analytics

- 5 report types
- Export capabilities
- Data filtering

7. Currency Selector

- Multi-currency support
- Automatic price updates

8. Store Selector

- Multi-location management
- Store-specific data

9. Connection Status

- Online/offline indicator
- Sync status
- Offline capabilities

10. Tour Complete

- Quick start suggestions
- Additional resources



How to Use

For New Users

1. Login to the system

- Use credentials: admin@pos.com / admin123

2. Tour starts automatically

- Wait 1 second after login
- Welcome screen appears

3. Navigate through steps

- Click "Next" to proceed
- Click "Back" to review
- Click "Skip Tour" to exit

4. Complete or skip

- Finish all 10 steps
- Or skip at any time

For Returning Users

1. Locate the Start Tour button

- Find it at the bottom of the left sidebar

- Blue icon with “Start Tour” text
- Visible when sidebar is expanded

2. Click to restart

- Tour resets and starts from beginning
- Can be done anytime

3. Follow the guide

- Navigate through all features
- Learn tips and tricks

UI/UX Features

Professional Design

- **Overlay:** Semi-transparent background focuses attention
- **Tooltips:** Clean, well-formatted with headings and descriptions
- **Progress Indicator:** Shows current step (e.g., “Step 3 of 10”)
- **Navigation Controls:**
 - Back button (for previous step)
 - Next button (for next step)
 - Skip Tour button (to exit)
 - Close button (on final step)

Visual Highlights

- **Target Highlighting:** Spotlights the element being described
- **Arrow Pointers:** Clear visual connection to features
- **Responsive Positioning:** Tooltips adapt to screen size
- **Smooth Animations:** Professional transitions between steps

Content Format

- **Headings:** Bold, clear section titles
- **Descriptions:** Concise, informative text
- **Pro Tips:** Highlighted helpful hints
- **Call-to-Actions:** Clear next steps

Technical Implementation

Technologies Used

- **react-joyride:** Industry-standard tour library
- **React Hooks:** State management (useState, useEffect)
- **Custom Events:** Tour triggering mechanism
- **localStorage:** Completion tracking
- **Next.js:** Routing and session integration

Key Components

1. **app-walkthrough.tsx**

- Main walkthrough component
- Tour step definitions
- Callback handlers
- Custom styling

2. **useAppWalkthrough Hook**

- Tour state management
- Auto-start logic
- Event listeners
- Completion tracking

3. **Navigation Component**

- Data-tour attributes
- Start Tour button
- Event dispatching

4. **Providers Component**

- WalkthroughWrapper integration
- Global tour availability

Data-Tour Attributes

The following elements have `data-tour` attributes for targeting:

```
// Navigation Items
'nav-dashboard' // Dashboard link
'nav-pos'       // POS link
'nav-products'  // Products link
'nav-reports'   // Reports link
'nav-inventory' // Inventory link

// Header Elements
'online-indicator' // Connection status
'currency-selector' // Currency dropdown
'store-selector'   // Store dropdown
```

Tour Steps Configuration

Each tour step includes:

```
{
  target: '[data-tour="element-id"]', // CSS selector
  content: <ReactElement>,           // JSX content
  placement: 'right' | 'left' | 'top' | 'bottom' | 'center',
  disableBeacon: true,                // No pulsing beacon
}
```

Step Types

1. **Modal Steps** (placement: 'center')
 - Welcome screen
 - Completion screen
 - Full-screen messages
 2. **Sidebar Steps** (placement: 'right')
 - Navigation items
 - Menu descriptions
 3. **Header Steps** (placement: 'bottom')
 - Currency selector
 - Store selector
 - Online indicator
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Tour Flow Logic

Auto-Start Conditions

```
// Check if user is new
const tourCompleted = localStorage.getItem('superpos-tour-completed');

// Start tour if:
1. User is authenticated
2. Tour hasn't been completed before
3. 1 second delay after login (UI fully loaded)
```

Manual Start

```
// User clicks "Start Tour" button
1. Remove completion flag from localStorage
2. Dispatch 'start-tour' custom event
3. WalkthroughWrapper receives event
4. Tour restarts from beginning
```

Completion

```
// Tour completes when:
1. User finishes all steps (STATUS.FINISHED)
2. User clicks "Skip Tour" (STATUS.SKIPPED)

// On completion:
1. Set 'superpos-tour-completed' in localStorage
2. Reset tour state
3. Hide tour UI
```

Customization

Styling

The tour uses custom styling for brand consistency:

```
styles={{
  options: {
    primaryColor: '#1e40af',      // Blue theme
    backgroundColor: '#fff',      // White tooltips
    textColor: '#374151',        // Dark gray text
    zIndex: 10000,               // Above all elements
  },
  tooltip: {
    borderRadius: 8,             // Rounded corners
    padding: 20,                 // Spacious layout
  },
  buttonNext: {
    backgroundColor: '#1e40af',   // Blue button
    borderRadius: 6,
    padding: '8px 16px',
  },
}}
```

Locale (Text Customization)

```
locale={{
  back: 'Back',
  close: 'Close',
  last: 'Finish',
  next: 'Next',
  open: 'Open',
  skip: 'Skip Tour',
}}
```

Usage Tracking

localStorage Keys

- `superpos-tour-completed` : Boolean flag
- Set to 'true' when tour is completed or skipped
- Removed when "Start Tour" button is clicked

No Backend Tracking

Currently, tour completion is tracked only on the client-side. To add backend tracking:

1. Create API endpoint: `/api/users/tour-completed`
 2. Update user profile with completion timestamp
 3. Call API in `handleJoyrideCallback` when tour completes
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Troubleshooting

Tour Doesn't Start

Issue: Tour doesn't appear after login

Solutions:

1. Check localStorage: Clear 'superpos-tour-completed'
2. Verify user is authenticated
3. Wait for UI to fully load (1 second delay)
4. Check browser console for errors

Steps Don't Highlight Correctly

Issue: Tour step doesn't point to element

Solutions:

1. Verify `data-tour` attribute exists on target element
2. Check element is visible (not hidden or collapsed)
3. Ensure sidebar is expanded for navigation items
4. Try refreshing the page

"Start Tour" Button Missing

Issue: Can't find button to restart tour

Solutions:

1. Check if logged in (button only visible when authenticated)
2. Expand the sidebar (button at bottom)
3. Scroll down in sidebar navigation
4. Verify role permissions

Tour Skips Steps

Issue: Some steps don't appear

Solutions:

1. Check role-based visibility (some features are admin-only)
2. Verify store is selected (some features require store context)
3. Ensure target elements are in DOM
4. Check `show` property in navigation array



Future Enhancements

Planned Features

1. **Role-Specific Tours**
 - Different tours for ADMIN, MANAGER, CASHIER, CLERK
 - Skip steps not relevant to user role
2. **Feature-Specific Mini Tours**
 - Quick tours for specific features
 - Contextual help on complex pages

3. Video Tutorials

- Embedded video walkthroughs
- Interactive demos

4. Progress Tracking

- Backend completion tracking
- User engagement metrics

5. Multi-Language Support

- Localized tour content
- Language selector

6. Interactive Quizzes

- Knowledge checks
- Certification system

Related Documentation

- **User Manual:** `SuperPOS_Complete_Demo_Tutorial.pdf`
- **Screenshot Guide:** `SuperPOS_Complete_Screenshot_Walkthrough.pdf`
- **README:** `README_Demo_Package.md`
- **Desktop Guide:** `DESKTOP_BUILD_GUIDE.md`



Best Practices

For Administrators

1. Encourage Tour Completion

- Ask new users to complete the tour
- Explain benefits of guided onboarding

2. Provide Tour Link

- Share “Start Tour” button location
- Include in training materials

3. Monitor Adoption

- Track tour completion rates
- Gather feedback on tour content

For Users

1. Take Your Time

- Read each step carefully
- Try features as you learn

2. Use “Back” Button

- Review previous steps
- Reinforce learning

3. Restart When Needed

- Use “Start Tour” button
- Refresh knowledge periodically

4. Explore After Tour

- Practice with real data
- Reference documentation

Training Integration

Onboarding Checklist

- ☐ Complete in-app walkthrough
- ☐ Read PDF tutorial
- ☐ Review screenshot guide
- ☐ Process test transaction
- ☐ Generate first report
- ☐ Practice offline mode
- ☐ Explore all features

Training Materials

Use the walkthrough alongside:

1. Written Documentation

- PDF tutorials
- Quick reference guides

2. Video Training

- Screen recordings
- Feature demos

3. Hands-On Practice

- Test environment
- Sample data

4. Knowledge Assessment

- Feature quizzes
- Practical tests

Summary

The SuperPOS in-app walkthrough provides:

- ✓ **Automatic onboarding** for new users
- ✓ **10 comprehensive tour steps** covering all major features
- ✓ **Professional UI/UX** with smooth animations
- ✓ **Manual restart** capability via “Start Tour” button
- ✓ **Smart tracking** with localStorage
- ✓ **Role-aware** content delivery

- ✓ **Responsive design** for all screen sizes
 - ✓ **Easy customization** for future enhancements
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Support

For questions or issues:

1. **Review this guide** - Most questions answered here
 2. **Check PDF tutorial** - Detailed feature documentation
 3. **Restart the tour** - Refresh your memory
 4. **Contact support** - For technical issues
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The in-app walkthrough makes SuperPOS easy to learn and use! 🎉