Siteflow Section Expander

A Chrome extension that automatically expands collapsible shipment item headers on the PrintOS website.

📋 Overview

This extension is designed specifically for the PrintOS website (`https://ofui.www.printos.com/`) to help users quickly expand all shipment sections with a single click. It targets HTML header elements with the class `ShipmentItemHeader` and adds the `ShipmentItemHeader--expanded` class to expand them.

✨ Features

- **Domain-Specific**: Only activates on the PrintOS website for security
- **One-Click Expansion**: Expand all shipment sections with a single button click
- **Smart Detection**: Automatically finds all expandable sections on the page
- **Visual Feedback**: Shows progress and results of the expansion process
- **Error Handling**: Gracefully handles edge cases and provides helpful error messages
- **Dynamic Content Support**: Works with content that loads after the initial page load

🚀 Installation

Method 1: Load as Unpacked Extension (Development)

1. **Download the Extension Files**
   - Download all 5 files to a folder on your computer
   - Create a folder named `siteflow-extension`
   - Place all files in this folder

2. **Open Chrome Extensions Page**

- Open Google Chrome

- Navigate to `chrome://extensions/`

- Enable "Developer mode" using the toggle in the top right

3. **Load the Extension**

- Click "Load unpacked"

- Select your `siteflow-extension` folder

- The extension should appear in your extensions list

4. **Pin the Extension (Optional)**

- Click the puzzle piece icon in Chrome's toolbar

- Find "Siteflow Section Expander"

- Click the pin icon to keep it visible

📁 File Structure

```
siteflow-extension/
├── manifest.json      # Extension configuration and permissions
├── popup.html         # User interface for the extension popup
├── popup.js           # Logic for popup interactions
├── content.js         # Script that runs on the website
├── styles.css         # Styling for the popup interface
└── README.md          # This documentation file
```

🎯 How to Use

1. **Navigate to PrintOS**

- Go to `https://ofui.www.printos.com/`

- Make sure you're on a page with shipment sections

2. **Open the Extension**
   - Click the Siteflow Section Expander icon in your Chrome toolbar
   - The popup window will appear

3. **Expand Sections**
   - Click the "Expand All Sections" button
   - The extension will find and expand all collapsible sections
   - You'll see a confirmation message with the number of sections expanded

🔧 Technical Details

Files Explained

- **manifest.json**: Configuration file that tells Chrome about the extension, its permissions, and which files to use
- **popup.html**: The visual interface users see when clicking the extension icon
- **popup.js**: Handles button clicks and communicates with the content script
- **content.js**: Runs on the PrintOS website and performs the actual section expansion
- **styles.css**: Makes the popup look professional and user-friendly

How It Works

1. The extension only activates on the specified PrintOS domain
2. When you click "Expand All Sections", the popup sends a message to the content script
3. The content script searches for all `<header>` elements with class `ShipmentItemHeader`
4. It adds the class `ShipmentItemHeader--expanded` to each found header
5. The website's existing CSS handles the visual expansion

6. Results are reported back to the popup for user feedback

🛠️ Troubleshooting

Extension Won't Load

- **Check file names**: Ensure all files are named exactly as specified
- **Verify folder structure**: All files should be in the same folder
- **Enable Developer Mode**: Make sure it's enabled in `chrome://extensions/`

"Wrong Website" Message

- **Check URL**: The extension only works on `https://ofui.www.printos.com/`
- **Refresh page**: Try refreshing the PrintOS page and clicking the extension again

"No Sections Found" Message

- **Page content**: The current page may not have any expandable shipment sections
- **Dynamic loading**: Wait for the page to fully load before using the extension
- **Try different page**: Navigate to a page with shipment items

Extension Not Responding

1. **Refresh the webpage**
2. **Reload the extension**:
   - Go to `chrome://extensions/`
   - Find "Siteflow Section Expander"
   - Click the refresh/reload button
3. **Check browser console** (F12 → Console) for error messages

🔒 Privacy & Security

- **Minimal Permissions**: Only requests access to the specific PrintOS domain

- **No Data Collection**: The extension doesn't collect, store, or transmit any user data

- **Local Operation**: All functionality runs locally in your browser

- **Domain Restricted**: Cannot access any other websites for security

📋 Requirements

- **Browser**: Google Chrome (version 88 or higher)

- **Manifest Version**: Uses Manifest V3 (latest Chrome extension standard)

- **Target Website**: PrintOS at `https://ofui.www.printos.com/`

🔄 Version History

Version 1.0

- Initial release

- Basic section expansion functionality

- Domain restriction to PrintOS website

- Error handling and user feedback

- Support for dynamically loaded content

🤝 Support

If you encounter issues:

1. Check the troubleshooting section above

2. Verify you're using the latest version of Chrome

3. Make sure you're on the correct PrintOS website

4. Try refreshing both the page and the extension

📄 License

This extension is provided as-is for use with the PrintOS website. Please ensure you comply with your organization's policies regarding browser extensions.

🏗️ Development Notes

This extension was built using:

- **Manifest V3**: Latest Chrome extension standard

- **Vanilla JavaScript**: No external dependencies

- **Modern CSS**: Responsive design with smooth animations

- **Content Scripts**: For safe DOM manipulation

- **Message Passing**: Secure communication between popup and content script

For developers wanting to modify this extension, the code is well-commented and follows Chrome extension best practices.