

Phase 1 Testing & Validation Checklist

Pre-Deployment Testing

1. Local Testing Setup

bash

Test locally before uploading to Netlify

Open index.html in browser and verify:

☒ **Filter Functionality:**

- ☐ Categories load correctly from filter-config.json
- ☐ Selecting "Christmas" shows only Christmas wreaths
- ☐ Selecting "Red" shows only red-tagged wreaths
- ☐ Multiple filters work together (AND logic)
- ☐ "Available Only" filters out sold items
- ☐ "Clear All Filters" resets everything

☒ **Sorting Functionality:**

- ☐ "Featured" shows starred wreaths first
- ☐ "A-Z" sorts alphabetically
- ☐ "Price: Low to High" sorts by price ascending
- ☐ "Price: High to Low" sorts by price descending
- ☐ "Newest First" sorts by dateAdded

☒ **Featured Wreaths:**

- ☐ Featured wreaths show yellow star badge
- ☐ Featured wreaths appear first in default sort
- ☐ Admin can toggle featured status
- ☐ Featured count shows in admin

☒ **Mobile Responsiveness:**

- ☐ Filter sidebar works on mobile
- ☐ "Filters" button toggles sidebar
- ☐ Grid adjusts for small screens
- ☐ All buttons are touchable

2. Admin Panel Testing

✓ Login & Basic Functions:

- ☐ Admin login works with password `twinfoles2025`
- ☐ Wreath table loads correctly
- ☐ Featured column shows checkboxes
- ☐ Item count shows featured count

✓ Wreath Management:

- ☐ Can toggle sold status
- ☐ Can toggle featured status
- ☐ Can edit wreath details
- ☐ Can add new wreaths
- ☐ Can delete wreaths
- ☐ Changes save and persist

✓ JSON Import/Export:

- ☐ Can upload Poshmark JSON files
- ☐ Can download wreaths.json
- ☐ Featured field is preserved in exports

Data Migration Steps

For Existing Wreaths.json:

javascript

*// Your existing wreaths will automatically get featured: false
// Run this in browser console to add featured field to all:*

```
let wreaths = /* paste your current wreaths.json here */;  
wreaths.forEach(wreath => {  
  if (wreath.featured === undefined) {  
    wreath.featured = false;  
  }  
});  
console.log(JSON.stringify(wreaths, null, 2));
```

Hashtag Optimization:

Check your current hashtags and update for better filtering:

Good hashtags for filtering:

- christmas, halloween, spring, summer, fall, winter
- red, green, blue, purple, white, black
- decomesh, swags, garland, everyday
- mardigras, valentine, easter

Clean up these if present:

- Remove duplicate colors
- Standardize seasonal terms
- Use consistent spelling

Common Issues & Fixes

✗ Filters Not Working

Problem: Categories don't appear or don't filter **Solution:**

- Check `filter-config.json` is uploaded
- Verify hashtags in wreaths match filter config
- Check browser console for errors

✗ Featured Wreaths Not Showing

Problem: Featured wreaths don't appear first **Solution:**

- Ensure `featured: true` is set in wreaths.json
- Check if custom sorting is applied
- Verify default sort is "Featured"

✗ Mobile Filters Not Working

Problem: Filter sidebar doesn't open on mobile **Solution:**

- Check if Tailwind CSS is loading
- Verify mobile toggle JavaScript is working
- Test on actual mobile device, not just browser resize

✗ Admin Shows "No wreaths"

Problem: Admin panel is empty **Solution:**

1. Check wreaths.json is accessible at `/wreaths.json`
2. Verify JSON format is valid
3. Check browser network tab for 404 errors

Performance Optimization

Image Loading:

- ☒ Images use `loading="lazy"` for better performance
- ☒ Error handling for broken image URLs
- ☒ Fallback text when images fail to load

Filter Performance:

- ☒ Filters only re-render when changed
- ☒ Hashtag matching is case-insensitive
- ☒ Minimal DOM manipulation

Browser Compatibility

☒ Tested Browsers:

- ☐ Chrome (latest)
- ☐ Safari (latest)
- ☐ Firefox (latest)
- ☐ Mobile Safari (iOS)
- ☐ Chrome Mobile (Android)

☒ Required Features:

- JavaScript ES6+ (arrow functions, const/let)
- CSS Grid & Flexbox
- Fetch API for JSON loading
- Local Storage for admin login

Deployment Checklist

Before Uploading to Netlify:

- ☐ Backup current wreaths.json
- ☐ Test all new files locally

- ☐ Verify filter-config.json is valid JSON
- ☐ Check all file paths are correct

After Deployment:

- ☐ Test live site functionality
- ☐ Verify admin panel works
- ☐ Check mobile responsiveness
- ☐ Test filter combinations
- ☐ Confirm featured wreaths show correctly

Final Validation:

- ☐ Customer can browse and filter wreaths
- ☐ Order form still works correctly
- ☐ Admin can manage inventory
- ☐ Featured wreaths are highlighted
- ☐ Mobile experience is smooth

Success Metrics

For Customers:

- Easier to find specific types of wreaths
- Better browsing experience with categories
- Featured wreaths get more visibility

For Admin (Your Wife):

- Quick featured wreath management
- Visual feedback on featured status
- Maintained simplicity while adding power

Technical:

- Backward compatible with existing data
- Fast filtering and sorting
- Mobile-first responsive design

Ready for Phase 2 development! 🚀