

SmartForms AI - Form Templates Feature

Installation & Integration Guide

What's Included

This package contains the complete **Form Templates** feature for SmartForms AI:

Templates (15 Professional Forms)

- **3 Contact Forms:** Basic, With Budget, Multi-Location
- **4 Lead Generation Forms:** Free Consultation, Get Quote, Download eBook, Newsletter
- **3 Business Forms:** Job Application, Customer Feedback, Service Booking
- **5 Industry-Specific:** Medical, Legal, Real Estate, Restaurant, Education

PHP Classes (4 Files)

1. `class-smartforms-templates.php` - Core template manager
2. `class-smartforms-sample-data-generator.php` - Realistic data generation
3. `class-smartforms-ai-templates-admin.php` - Admin interface controller
4. `templates-library.php` - Beautiful UI view

Assets

- `templates-admin.js` - Interactive functionality
- `templates-admin.css` - Beautiful modern styling

Template Data

- All 15 JSON template files organized by category
- Template index file
- Sample data profiles for 4 quality levels

Installation Steps

Step 1: Copy Template Files

Copy the entire `templates/` folder to your plugin directory:

```
smartforms-ai/
├── templates/           ← COPY THIS FOLDER
│   ├── contact/
│   ├── lead-generation/
│   ├── business/
│   ├── industry/
│   └── templates-index.json
```

Target location:

```
C:\Users\RAZ\Local Sites\mytechstorelocal\app\public\wp-content\plugins\smartforms-ai\templates\
```

Step 2: Copy PHP Classes

Copy PHP files to **includes/** directory:

```
smartforms-ai/
├── includes/
│   ├── class-smartforms-templates.php        ← COPY
│   └── class-smartforms-sample-data-generator.php ← COPY
```

Target location:

```
C:\Users\RAZ\Local Sites\mytechstorelocal\app\public\wp-content\plugins\smartforms-ai\includes\
```

Step 3: Copy Admin Files

Copy admin files:

```
smartforms-ai/
├── admin/
│   ├── class-smartforms-ai-templates-admin.php ← COPY
│   ├── partials/
│   │   └── templates-library.php                ← COPY
│   ├── css/
│   │   └── templates-admin.css                  ← COPY
│   └── js/
│       └── templates-admin.js                   ← COPY
```

Target locations:

```
C:\Users\RAZ\Local Sites\mytechstorelocal\app\public\wp-content\plugins\smartforms-ai\admin\
```

Step 4: Integrate into Main Plugin Class

Edit your main plugin file: **smartforms-ai.php**

Add this code inside the plugin class or in the appropriate initialization function:

```
// Load template classes
require_once plugin_dir_path(__FILE__) . 'includes/class-smartforms-templates.php';
require_once plugin_dir_path(__FILE__) . 'includes/class-smartforms-sample-data-generator.php';
require_once plugin_dir_path(__FILE__) . 'admin/class-smartforms-ai-templates-admin.php';
```

IMPORTANT: Add this code where other `require_once` statements are located (usually in the plugin activation or initialization section).

Step 5: Verify Installation

1. Check WordPress Admin Menu

- You should see a new top-level menu: "📄 Form Templates"
- Click it to access the templates library

2. Test Template Installation

- Select a few templates
- Click "Install Selected Templates"
- Verify forms are created
- Check submissions are generated

Integration Points

Existing Classes Used

The Form Templates feature integrates with your existing SmartForms AI classes:

1. **SmartForms_AI_Lead_Scorer** - For calculating lead scores
2. **SmartForms_AI_Spam_Detector** - For spam score calculation
3. **Database Tables** - Uses existing `smartforms_forms` and `smartforms_submissions` tables

No Database Changes Required

☒ Uses existing database structure ☒ No migrations needed ☒ Forms created via templates are identical to manually created forms

Feature Capabilities

For Users

1. Browse 15 Professional Templates

- Organized by category
- Visual preview of each template
- Field count and industry tags

2. **Customize Installation**

- Choose how many sample submissions (0-50 per form)
- Include varied lead scores
- Include spam examples (configurable percentage)
- Distribute dates over 30 days

3. **One-Click Installation**

- Install multiple templates at once
- Generates realistic sample data
- Creates complete forms instantly

4. **Sample Data Management**

- View installed template statistics
- Delete all sample data with one click
- Reinstall fresh data anytime

For You (Development)

1. **Screenshot Generation**

- Install 5 recommended templates
- Generate 20-25 submissions per form
- Capture beautiful screenshots for CodeCanyon

2. **Testing**

- Quickly populate test environments
- Generate specific scenarios (high spam, low scores, etc.)
- Test all plugin features with realistic data

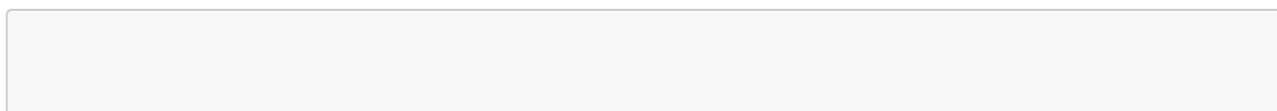
3. **Demos**

- Show potential buyers real functionality
- Demonstrate lead scoring in action
- Showcase spam detection

Creating CodeCanyon Screenshots

Recommended Workflow

1. **Install Form Templates**



- Select: Recommended Set (5 templates)
- Submissions per form: 25
- Include varied scores: ✓
- Include spam: ✓ (10%)
- Distribute dates: ✓

2. Wait for Installation (~30 seconds)

3. Navigate and Capture Screenshots

Screenshot 1: Form Templates Library

- Shows the beautiful template selection UI
- Demonstrates the feature itself

Screenshot 2: Dashboard

- Go to SmartForms AI → Dashboard
- Shows populated statistics and charts

Screenshot 3: Submissions List

- Go to Submissions
- Shows lead score badges (green/yellow/red)
- Shows spam indicators

Screenshot 4: Submission Detail

- Click any submission
- Shows lead score breakdown
- Shows all submission data

Screenshot 5: Analytics

- Go to Analytics
- Shows Chart.js visualizations
- Shows 30-day trends

Screenshot 6: Forms List

- Go to Forms
- Shows the 5 created forms

Screenshot 7: Form Builder

- Edit any form
- Shows drag-and-drop interface

Screenshot 8: Settings Page

- Go to Settings
- Shows AI configuration

4. Clean Up (Optional)

- After screenshots, delete sample data
- Reinstall anytime

Customization

Adding More Templates

1. Create new JSON file in appropriate category folder
2. Follow existing template structure:

```
{
  "template_id": "unique-id",
  "name": "Template Name",
  "description": "Description text",
  "category": "contact",
  "industry": "general",
  "icon": "📄",
  "fields": [ /* field definitions */ ],
  "sample_data_profiles": {
    "excellent": { /* data */ },
    "good": { /* data */ },
    "fair": { /* data */ },
    "poor": { /* data */ }
  }
}
```

3. Add template ID to `templates-index.json`
4. Increment `total_templates` count

Modifying Sample Data

Edit the `sample_data_profiles` section in any template JSON file to customize the generated data for different quality levels.

Adjusting Defaults

In `class-smartforms-ai-templates-admin.php`, modify default values:

```
$submissions_count = 20; // Change default submissions
$spam_percentage = 10;   // Change default spam %
```

Troubleshooting

"Form Templates" Menu Not Appearing

Check:

1. File `class-smartforms-ai-templates-admin.php` is in `/admin/` folder
2. File is loaded in main plugin file (`require_once`)
3. Clear WordPress cache
4. Check for PHP errors in `debug.log`

Templates Not Installing

Check:

1. `templates/` folder exists in plugin root
2. JSON files are valid (test with online JSON validator)
3. Database tables exist (`smartforms_forms`, `smartforms_submissions`)
4. Check browser console for JavaScript errors

Sample Data Not Generated

Check:

1. File `class-smartforms-sample-data-generator.php` is in `/includes/`
2. Existing classes (`SmartForms_AI_Lead_Scorer`, `SmartForms_AI_Spam_Detector`) are loaded
3. Submissions count is greater than 0

Styling Issues

Check:

1. File `templates-admin.css` is in `/admin/css/`
2. CSS file is being enqueued (check page source)
3. Clear browser cache
4. Check for CSS conflicts with other plugins

File Structure Summary

```
smartforms-ai/
├── templates/ [NEW]
│   ├── contact/
│   │   ├── basic-contact.json
│   │   ├── contact-with-budget.json
│   │   └── multi-location-contact.json
│   ├── lead-generation/
│   │   ├── free-consultation.json
│   │   ├── get-quote-web-design.json
│   │   ├── download-ebook.json
│   │   └── newsletter-signup.json
│   └── business/
│       ├── job-application.json
│       ├── customer-feedback.json
│       └── service-booking.json
```

```
├── industry/
│   ├── medical-patient-intake.json
│   ├── legal-consultation.json
│   ├── real-estate-inquiry.json
│   ├── restaurant-catering.json
│   └── education-enrollment.json
├── templates-index.json
├── includes/
│   ├── class-smartforms-templates.php [NEW]
│   └── class-smartforms-sample-data-generator.php [NEW]
├── admin/
│   ├── class-smartforms-ai-templates-admin.php [NEW]
│   ├── partials/
│   │   └── templates-library.php [NEW]
│   ├── css/
│   │   └── templates-admin.css [NEW]
│   └── js/
│       └── templates-admin.js [NEW]
└── smartforms-ai.php [MODIFY]
```

☑ Testing Checklist

- ☐ Templates menu appears in WordPress admin
- ☐ All 15 templates load correctly
- ☐ Can select/deselect templates
- ☐ "Select Recommended Set" works
- ☐ Slider updates preview correctly
- ☐ Installation creates forms
- ☐ Sample submissions generate
- ☐ Lead scores vary appropriately
- ☐ Spam submissions included (when enabled)
- ☐ Forms appear in Forms list
- ☐ Submissions appear in Submissions list
- ☐ Can delete sample data
- ☐ Preview modal works
- ☐ Styling displays correctly
- ☐ No JavaScript errors in console
- ☐ No PHP errors in debug.log

Success Indicators

When everything is working correctly, you should be able to:

1. Access Form Templates

- See beautiful UI with all 15 templates
- Templates organized by category
- Recommended templates pre-selected

2. Install Templates

- Click "Install Selected Templates"
- See progress indicator
- Success message appears
- Page reloads showing statistics

3. View Generated Data

- Forms list shows new forms
- Submissions list shows varied data
- Lead scores range from 40-85
- Some submissions marked as spam
- Dates distributed over 30 days

4. Take Perfect Screenshots

- Dashboard looks populated and impressive
- Charts show real data
- Lead score badges visible (green/yellow/red)
- All features demonstrable

Support

If you encounter issues:

1. Check `debug.log` for PHP errors
2. Check browser console for JavaScript errors
3. Verify all files copied correctly
4. Ensure file permissions are correct (644 for files, 755 for folders)
5. Test with WordPress default theme (to rule out theme conflicts)

Next Steps

After successful installation:

1. Generate Screenshots

- Install recommended templates with 25 submissions
- Capture 8 screenshots as outlined above
- Use for CodeCanyon submission

2. Test Thoroughly

- Try different submission counts
- Test with/without spam
- Verify all features work

3. Prepare for CodeCanyon

- Logo resized to 80x80px ✓
- Screenshots captured (8 total) ⌚
- Demo video recorded ⌚
- Documentation ready ✓

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🔗 Quick Start (TL;DR)

1. Copy `templates/` folder to plugin root
2. Copy PHP files to `includes/` and `admin/`
3. Copy CSS/JS to `admin/css/` and `admin/js/`
4. Add `require_once` statements to main plugin file
5. Refresh WordPress admin
6. Go to "Form Templates" menu
7. Click "Select Recommended Set"
8. Click "Install Selected Templates"
9. Take screenshots!

That's it! 🎉