

Business Directory - Knack Database App



Table of Contents

1. User Guide.....	3
1.1. Browse Page.....	3
1.2 Business Details Page.....	4
1.3 Business Owner (BO) Pages	6
<i>1.3.1 Login Page</i>	<i>6</i>
<i>1.3.2 Dashboard Page.....</i>	<i>6</i>
<i>1.3.3 Adding a New Business.....</i>	<i>7</i>
<i>1.3.4 Adding a Testimonial for SMP</i>	<i>8</i>
<i>1.3.5 Approved Business Features.....</i>	<i>8</i>
<i>1.3.5 Pending and Rejected Business Features</i>	<i>10</i>
1.4 Admin Pages.....	11
<i>1.4.1 Login Details.....</i>	<i>11</i>
<i>1.4.2 Admin Dashboard</i>	<i>11</i>
<i>1.4.3 Pending Businesses Page</i>	<i>11</i>
<i>1.4.4 Add Businesses and Add Business Owner Forms</i>	<i>12</i>
<i>1.4.5 Approved and Rejected Businesses Pages</i>	<i>13</i>
<i>1.4.6 Manage Testimonials Page.....</i>	<i>14</i>
2. Technical Documentation	15
2.1 Data Model Overview	15
2.2. Database Tables	16
<i>2.2.1 Business Table</i>	<i>16</i>
<i>2.2.2 Offers Table.....</i>	<i>17</i>
<i>2.2.3 News Table</i>	<i>17</i>
<i>2.2.4 Testimonial Table.....</i>	<i>17</i>
<i>2.2.5 Contact Business Table.....</i>	<i>18</i>
<i>2.2.6 Services Table</i>	<i>18</i>
<i>2.2.7 Business Owner Table and Admin Table</i>	<i>18</i>
<i>2.2.8 Contact Us Table</i>	<i>19</i>
2.3. Table Relationships.....	20
3. Pending Issues That Should Be Addressed	21
4. Notes.....	22

1. User Guide

1.1. Browse Page

The user may browse for business using the search filters.

[Browse](#) [Business Owner Login](#) [Admin Login](#) [Add Offers](#)

Keyword

Category











Rating

Search

Reset

Showing 1-10 of 13

Page 1 of 2

 Aldi 375 W Higgins Rd Hoffman Estates, IL 60169 (855) 955-2534 View Website Show	 CVS 1801 W Golf Rd Schaumburg, IL 60194 (847) 885-1326 View Website Show	 Expert Education Foundation 951 N. Plum Grove Rd Suite B#2 Schaumburg, Illinois 60173 (847) 350-9034 View Website Show
 Expert Market USA 1560 Wall St # 111 Naperville, Illinois 60563 (847) 350-9034 View Website Show	 InfoTekGuide, INC 951 N. Plum Grove Rd Suite C Schaumburg, Illinois 60173 (847) 350-9034 View Website Show	 IT Expert System, INC 951 N. Plum Grove Rd Suite A Schaumburg, Illinois 60173 (847) 350-9034 View Website Show
 Jewel Osco 1069 N Roselle Rd Hoffman Estates, IL 60169 (847) 882-3210 View Website Show	 Kohl's 1293 E Higgins Rd Schaumburg, IL 60173 (224) 278-9995 View Website Show	 Sams' Club 101 W Oakton St Des Plaines, IL 60018 (847) 296-5050 View Website Show
 Target 1235 E Higgins Rd Schaumburg, IL 60173 (847) 413-1080 View Website Show		

Page 1 of 2

1.2 Business Details Page

When a user clicks on “Show” button, they may view more details about that business.

By default, all businesses get to upload their social media links, 1 introductory video and 3 promotional flyers. The number of promotional contents varies by membership.

(<https://www.schaumburgmarketplace.net/package-information>)



IT Expert System, INC

(847) 350-9034

[View Website](#)

★★★★★

[Contact Business](#)



IT Expert System
IT Training, IT Staffing and Services
Youth Computer Training, Math and English classes
Innovative programs, WORK-GATE Programs
www.itexps.net Jump Start Your IT Career

Services provided:





951 N. Plumb Grove Rd
Suite A
Schaumburg, Illinois 60173

Description

IT Expert System, INC. (ITEXPS) is a progressive, full-service IT organization committed to providing effective, accurate, and quality computer training, IT consultancy, and IT services.

Category

Education and Training, Technology

Business Owner

Tom P



Facebook Instagram LinkedIn Youtube

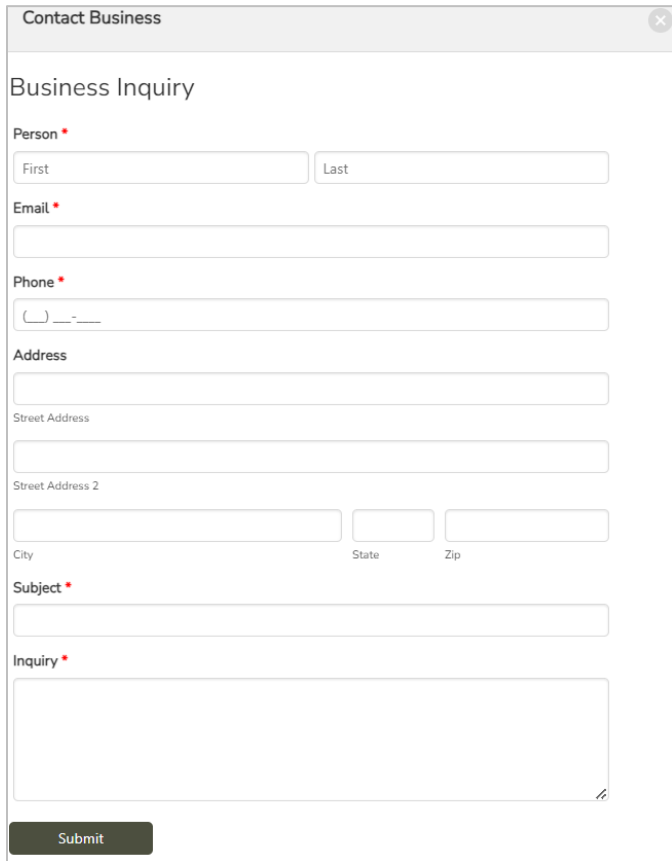


IT Expert System, INC Computer Training an...
ITEXPS
Watch later Share
IT Expert System
Watch on YouTube

Flyers



When the user clicks on green ‘Contact Business’ button on the Business Details page, a business inquiry form for that business opens as a modal pop-up.



The image shows a modal window titled "Contact Business" with a close button in the top right corner. Inside the modal, the heading "Business Inquiry" is displayed. Below the heading, there are several form fields, each preceded by a red asterisk indicating they are required:

- Person**: Two input fields labeled "First" and "Last".
- Email**: A single input field.
- Phone**: An input field with a dropdown menu for the area code (currently showing "()") and two input fields for the number.
- Address**: A single input field.
- Street Address**: A single input field.
- Street Address 2**: A single input field.
- City**: An input field.
- State**: A small input field.
- Zip**: A small input field.
- Subject**: A single input field.
- Inquiry**: A large text area for the user's message.

At the bottom left of the modal, there is a dark green "Submit" button.

When the user submits this form, an email with the inquiry details is sent to the email id of that business.

1.3 Business Owner (BO) Pages

1.3.1 Login Page

[Browse](#) [Business Owner Login](#) [Admin Login](#) [Add Offers](#)

Login

Please enter your email address and password to login.

Email Address

Password (forgot?)

[Sign In](#)

Need an account?

[Sign Up](#)

Returning BOs can access their dashboard by logging in using their credentials on the 'Business Owner Login' tab on the 'Business Directory' page. New Business Owners can create an account using the 'Sign Up' link on the same page.

1.3.2 Dashboard Page

[Browse](#) [Business Owner Login](#) [Admin Login](#) [Add Offers](#)

Logged in as Tom P - [Account Settings](#) - [Log Out](#)

[Add New Business](#)
[Add Testimonial for Schaumburg Market Place](#)

Approved Businesses

Search by keyword [Search](#)

[Add Filters](#)

Details	Address	Phone	Website	Add Offers / News	View Offers / News	Edit Business	Delete
Expert Education Foundation	951 N. Plum Grove Rd Suite B#2 Schaumburg, Illinois 60173	(847) 350-9034	View Website	Add New Offer / News	View Offers / News	Edit	Delete
Expert Market USA	1560 Wall St # 111 Naperville, Illinois 60563	(847) 350-9034	View Website	Add New Offer / News	View Offers / News	Edit	Delete
InfoTekGuide, INC	951 N. Plum Grove Rd Suite C Schaumburg, Illinois 60173	(847) 350-9034	View Website	Add New Offer / News	View Offers / News	Edit	Delete
IT Expert System, INC	951 N. Plum Grove Rd Suite A Schaumburg, Illinois 60173	(847) 350-9034	View Website	Add New Offer / News	View Offers / News	Edit	Delete
Tax Umbrella Inc	235 Auburn Ct St Charles, IL 60174	(847) 877-6296	View Website	Add New Offer / News	View Offers / News	Edit	Delete

Pending Businesses

Search by keyword [Search](#)

[Add Filters](#)

Details	Address	Phone	Website	Edit Business	Delete
Upcoming Business	951 North Plum Grove Road Schaumburg, IL 60173	(847) 350-9034		Edit	Delete

Rejected Businesses

Search by keyword [Search](#)

[Add Filters](#)

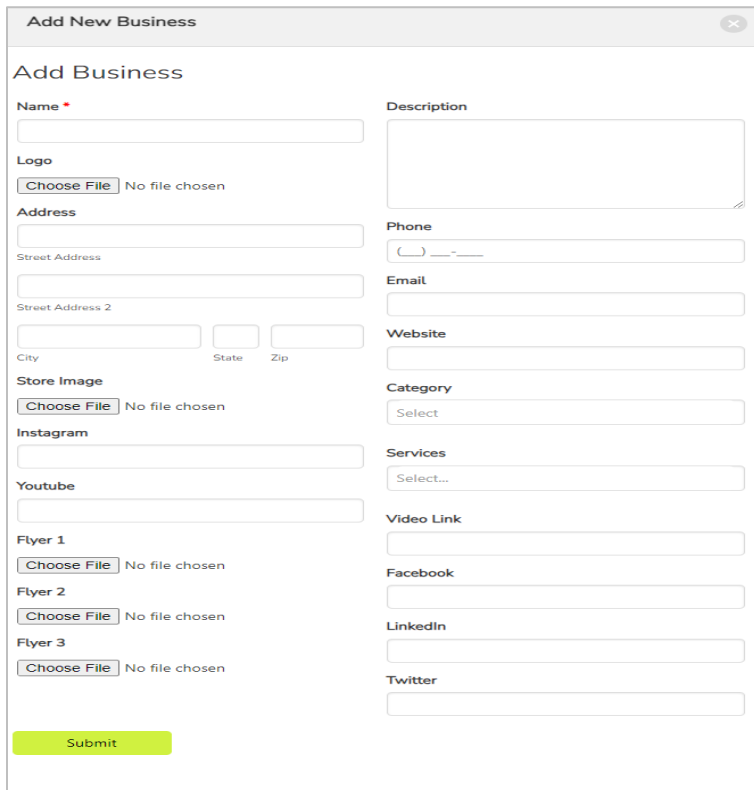
Details	Address	Phone	Website	Delete
Unknown Business	951 North Plum Grove Road Schaumburg, IL 60173	(847) 350-9034		Delete

The dashboard provides BOs with various features such as:

- Adding a New Business
- Managing businesses in the 3 lists – approved, pending and rejected
- Adding a testimonial for Schaumburg Market Place

1.3.3 Adding a New Business

Add New Business form opens as a modal pop up where BOs can enter the details and click on submit.



The screenshot shows a modal window titled "Add New Business" with a close button in the top right corner. The form is titled "Add Business" and contains the following fields and sections:

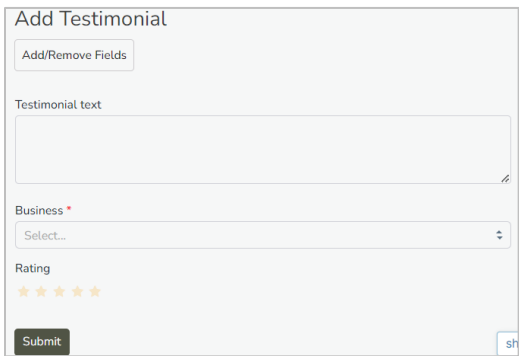
- Name ***: A text input field.
- Description**: A large text area.
- Logo**: A "Choose File" button with the text "No file chosen".
- Address**: A section containing:
 - Street Address**: A text input field.
 - Street Address 2**: A text input field.
 - City**, **State**, and **Zip**: Three separate text input fields.
- Store Image**: A "Choose File" button with the text "No file chosen".
- Instagram**: A text input field.
- Youtube**: A text input field.
- Flyer 1**, **Flyer 2**, and **Flyer 3**: Each has a "Choose File" button with the text "No file chosen".
- Phone**: A text input field with a dropdown for country code.
- Email**: A text input field.
- Website**: A text input field.
- Category**: A dropdown menu with "Select" as the placeholder.
- Services**: A dropdown menu with "Select..." as the placeholder.
- Video Link**: A text input field.
- Facebook**, **LinkedIn**, and **Twitter**: Each has a text input field.

A green "Submit" button is located at the bottom left of the form.

Upon clicking submit:

- This business appears in the pending businesses list on the BO's dashboard.
- Email is sent to admin requesting for approval.
- **NOTE:** The businesses in your pending list require approval from SMP admin to be published on the Business directory page.
- Copy of the form details is emailed to the BO.

1.3.4 Adding a Testimonial for SMP



Upon clicking submit, a copy of the testimonial is emailed both to the BO and admin.

NOTE: The testimonial must be reviewed and approved by admin for it to be published on SMP website.

1.3.5 Approved Business Features

Approved Businesses							
Search by keyword <input type="text"/> <input type="button" value="Search"/>							
Add filters							
Details	Address	Phone	Website	Add Offers / News	View Offers / News	Edit Business	Delete
Expert Education Foundation	951 N. Plum Grove Rd Suite B#2 Schaumburg, Illinois 60173	(847) 350-9034	View Website	Add New Offer / News	View Offers / News	Edit	Delete

- The BOs receive an email notification when admin has approved their business. After approval, the business appears on the ‘Browse’ page. This business is now moved to ‘Approved Businesses’ list on the BO’s dashboard.
- The BO can review details of their business by clicking on the button in the ‘Details’ column.
- **NOTE:** The BO can edit the details of their approved businesses. But any edit will require admin approval again and the business will be moved back to the pending list.

- The BO can view & add offers/news for their approved businesses.

Add New Offer / News

Add Offer

Description

Publish Date

Expiry Date

Business

Select

Coupon

Choose File

 No file chosen

Submit

Add News

Headline

Article

Publish Date

Business

Select

Website Link

Submit

Offers

Details	Description	Publish Date	Expiry Date	Edit	Delete
7	40% Off on Furniture	04/30/2024		Edit	Delete
10	\$5 Circle Gift Card when you buy 2 household essentials with Circle Card.	04/30/2024		Edit	Delete
12	Buy 4, get \$5 Target Gift Card on select hair and personal care items with Circle.	04/30/2024		Edit	Delete
13	Spend \$100 get \$20 Target Gift Card on select diapers & wipes	04/30/2024		Edit	Delete
14	Save 10% on select pet food, treats & litter	04/30/2024		Edit	Delete

News

Details	Headline	Publish Date	Website Link	Edit	Delete
1	How Target's Bringing Our Industry-Leading Owned Brands to Even More Consumers	05/06/2024	Read Article	Edit	Delete
8	Target's Sustainability Efforts are Sprouting — and Supporting Our Future Growth	04/15/2024	Read Article	Edit	Delete

1. Add New Offer / News form opens as a modal pop up.
2. After submitting the 'Add Offer' form:
 - a. The BO may now view the offer in the 'View Offers/News' page of their business.
 - b. The BO can view details, edit or delete their offers.
 - c. The offer will also be published on the 'Offers' page of Schaumburg Market Place. (<https://www.schaumburgmarketplace.net/offers>)

World of Tailored Discounts and Premium Promotions

Unlock exclusive savings with our array of discounts, offers, and online deals! From limited-time offers to ongoing promotions, our platform is your gateway to incredible savings on a variety of products and services. Browse our curated selection of discounts and special offers to find the perfect deal for you. Start saving today and make every purchase a smart one with us!

Keyword

Company

is

Select...

Search
Reset

Showing 1-10 of 14

Page 1 of 2

\$20 Off Orders Of \$80+

Save \$20 with this CVS coupon on orders of \$80 or more.

Expires 08/08/2024

See Coupon

10% Off

Winter Big Sale Deals

See Coupon

\$50 off

\$50 off of All Training Combos

Expires 01/01/2025

See Coupon

20% OFF

Take an extra 20% off on Kohl's only brands and other great brands.

See Coupon

40% OFF

40% Off on Furniture

See Coupon

\$5 Gift Card

\$5 Circle Gift Card when you buy 2 household essentials with Circle Card.

See Coupon

Schaumburg Market Place

Connect customer to business and business to customer

SCHAUMBURG MARKET PLACE | www.schaumburgmarketplace.com | 847-350-9034

Business Directory | Email Marketing | Events | Jobs | News | Offers | Website Design







9

3. After submitting the ‘Add News’ form:
 - a. The BO may now view the news in the ‘View Offers/News’ page of their business.
 - b. The BO can view details, edit or delete their news.
 - c. The news will also be published on the ‘News’ page of Schaumburg Market Place.
<https://www.schaumburgmarketplace.net/news>

Discover Timely News Updates Right Here

Stay connected with Schaumburg Market Place for the latest local news and updates. Our platform keeps you informed with timely and relevant stories, ensuring you're always in the know about events, business developments, and community happenings.

Showing 1-10 of 10
▼ Add filters

	05/09/2024	CVS Health® survey shows mental health concerns continue to rise	Read Article
	05/08/2024	Oh Baby! Here's the List of Kohl's Stores Getting a Babies"R"Us Shop This Year	Read Article
	05/06/2024	How Target's Bringing Our Industry-Leading Owned Brands to Even More Consumers	Read Article
	05/02/2024	ALDI Doubles Down on Summer Savings to Put \$100 Million Back into Customers' Wallets	Read Article
	05/02/2024	Albertsons' Jewel-Osco holds massive lead in Chicago grocery	Read Article
	04/30/2024	Walmart Launches "bettergoods", a New Private Brand Making Elevated Culinary Experiences Accessible for All	Read Article

- The BO can also delete their businesses.

1.3.5 Pending and Rejected Business Features

The BO can edit details of the businesses in the ‘Pending Businesses’ list. The BO can view details or delete businesses in the ‘Pending Businesses’ and ‘Rejected Businesses’ lists.

1.4 Admin Pages

1.4.1 Login Details

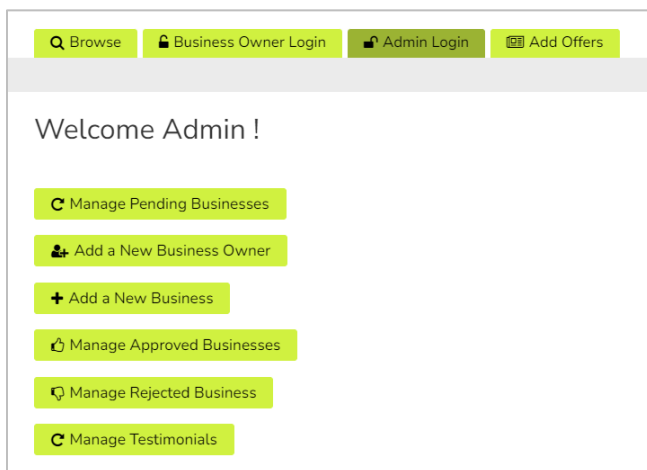
Link: <https://www.schaumburgmarketplace.net/business-directory>

Tab: Admin Login

Username: smpadmin@test.com

Password: test

1.4.2 Admin Dashboard



The admin can manage the different businesses, add new businesses or BOs and approve testimonials for SMP.

















1.4.3 Pending Businesses Page

Pending Businesses

Search by keyword

Search

▼ Add filters

Details 	Category	Website	Edit	Approval Status
 Anonymous member			 Edit	 Approve / Reject
 IT School			 Edit	 Approve / Reject
 Target Corp	Food and Drink, Health and Wellness, Home and Garden, Services, Miscellaneous, Retail, Sports and Recreation, Technology	View Website	 Edit	 Approve / Reject
 TC			 Edit	 Approve / Reject
 Upcoming Business	Miscellaneous		 Edit	 Approve / Reject

The admin can view and edit the business details submitted by the BO for approval.

Approve/Reject

Approve / Reject

Approval Status

☐ Approved
 ☐ Rejected
 ☒ Pending

Submit

The approval status link opens as pop-up wherein admin can modify the status.

1.4.4 Add Businesses and Add Business Owner Forms

Add a New Business Owner

Add Business Owner

Name *

First Last

Email *

Password *

Password

Confirm Password

User Roles

Business Owners

User Status *

active

Submit

Add a new Business

Add a New Business

Name *

Description

Address

Street Address

Street Address 2

City State Zip

Phone

() -

Website

Email

Business Owner

Select

Facebook

Instagram

Twitter

Store Image

Choose File No file chosen

Submit

Logo

Choose File No file chosen

Add image URL here

Category

Select

Rating

☆☆☆☆☆

Approval Status

☐ Approved
 ☐ Rejected
 ☒ Pending

Services

Select...

Video Link

LinkedIn

Youtube

1.4.5 Approved and Rejected Businesses Pages

Approved Businesses				
Search by keyword <input type="text"/> <input type="button" value="Search"/>				
Showing 1-13 of 13 <input type="button" value="Add filters"/>				
Details	Website	Category	Edit	Delete
Aldi	View Website	Food and Drink, Home and Garden, Miscellaneous, Retail	Edit	Delete
CVS	View Website	Food and Drink, Health and Wellness, Miscellaneous, Retail, Technology	Edit	Delete
Expert Education Foundation	View Website	Education and Training, Non-Profit Organizations, Technology	Edit	Delete
Expert Market USA	View Website	Retail	Edit	Delete
InfoTekGuide, INC	View Website	Education and Training, Technology	Edit	Delete
IT Expert System, INC	View Website	Education and Training, Technology	Edit	Delete

Rejected Businesses				
Search by keyword <input type="text"/> <input type="button" value="Search"/>				
<input type="button" value="Add filters"/>				
Details	Website	Category	Edit	Delete
Target	View Website	Retail	Edit	Delete
Unknown Business			Edit	Delete

1.4.6 Manage Testimonials Page

Pending Testimonials

Search by keyword Search

▼ Add filters

ID !?	Details	Rating	Approve/Reject	Delete
6	Target	★★★★☆	Approve/Reject	✕ Delete

Approved Testimonials

Search by keyword Search

▼ Add filters


ID !?	Details	Rating	Delete
5	Tax Umbrella Inc	★★★★★	✕ Delete
4	Expert Education Foundation	★★★★★	✕ Delete
3	Expert Market USA	★★★★★	✕ Delete
2	InfoTekGuide, INC	★★★★★	✕ Delete
1	IT Expert System, INC	★★★★★	✕ Delete

Rejected Testimonials

Search by keyword Search

▼ Add filters

ID !?	Details	Rating	Delete
7	Unknown Business	☆☆☆☆☆	✕ Delete

 InfoTekGuide, INC

Greatly impressed by the services offered ! Highly recommend to everyone!

★★★★★

Approved

[Back to Manage Testimonials](#)

The admin can view the testimonial before approval.

Approve / Reject Testimonial

Approval Status

☐ Approved

☐ Rejected

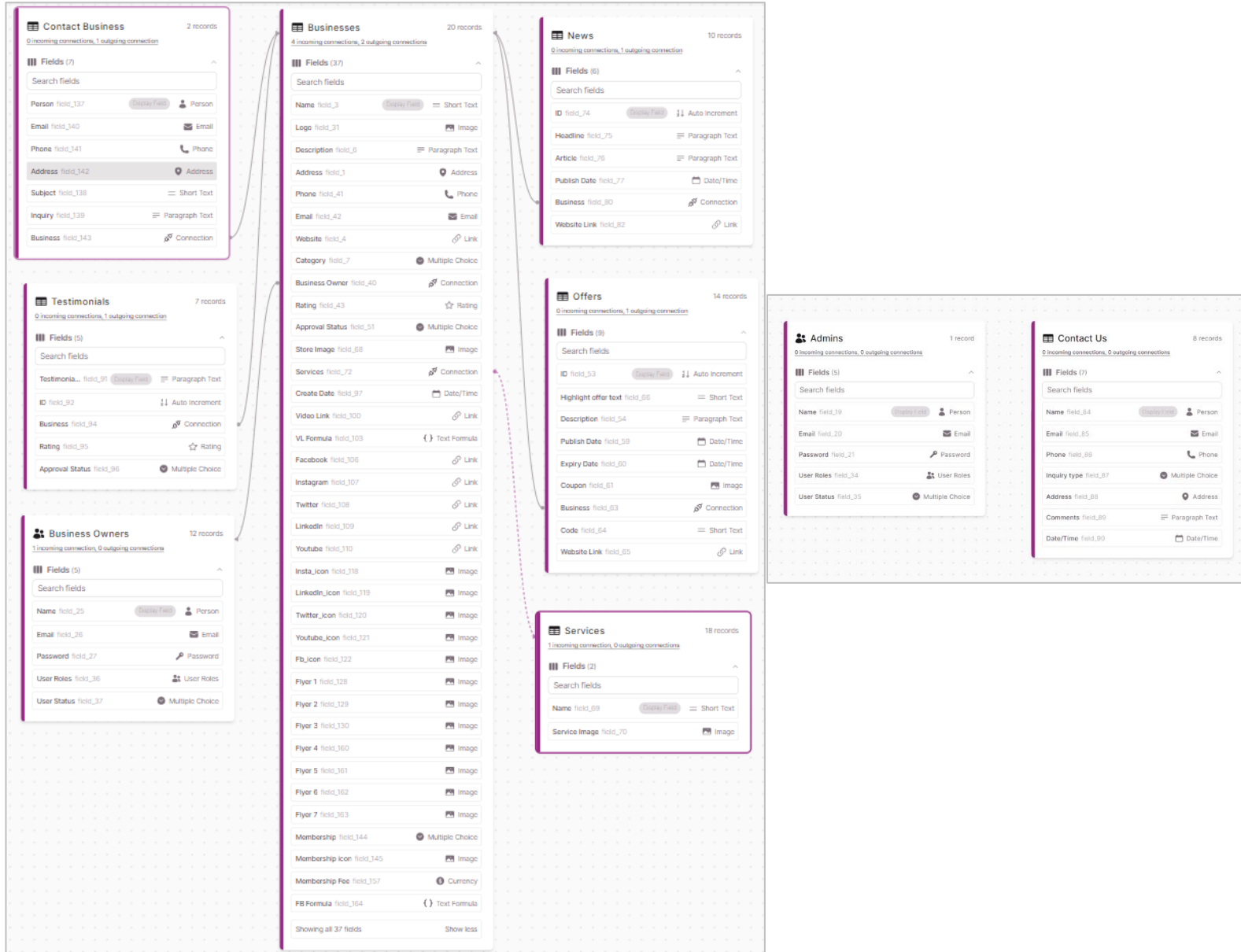
☒ Pending

Submit

Status Modal pop-up to approve/reject testimonial.

2. Technical Documentation

2.1 Data Model Overview



2.2.2 Offers Table

Each offer entry consists of

- unique identifier
- offer heading
- description
- publishing date
- removal date
- coupon image
- connection to the corresponding business
- coupon code
- link to the offer webpage

The screenshot shows the configuration for the 'Offers' table, which has 14 records. It lists 9 fields: ID (field_53, Auto Increment), Highlight offer text (field_66, Short Text), Description (field_54, Paragraph Text), Publish Date (field_59, Date/Time), Expiry Date (field_60, Date/Time), Coupon (field_61, Image), Business (field_63, Connection), Code (field_64, Short Text), and Website Link (field_65, Link). A search bar and a 'Display Field' button are also visible.

2.2.3 News Table

Each news entry consists of

- unique identifier
- headline
- article text
- publishing date
- connection to the corresponding business
- link to the actual news article webpage

The screenshot shows the configuration for the 'News' table, which has 10 records. It lists 6 fields: ID (field_74, Auto Increment), Headline (field_75, Paragraph Text), Article (field_76, Paragraph Text), Publish Date (field_77, Date/Time), Business (field_80, Connection), and Website Link (field_82, Link). A search bar and a 'Display Field' button are also visible.

2.2.4 Testimonial Table

Each testimonial entry consists of

- unique identifier
- description text
- connection to the corresponding business
- rating out of 5 in increments of 0.5
- admin approval status (default: pending) – admin can approve, reject or remain as pending

The screenshot shows the configuration for the 'Testimonials' table, which has 7 records. It lists 5 fields: Testimonial (field_91, Paragraph Text), ID (field_92, Auto Increment), Business (field_94, Connection), Rating (field_95, Rating), and Approval Status (field_96, Multiple Choice). A search bar and a 'Display Field' button are also visible.

2.2.5 Contact Business Table

When a user submits a 'Business Inquiry' form (Business Details → Contact Business button → Business Inquiry form → Submit button), an entry in the Contact Business table is created (along with sending an email with the inquiry details to that business).

Each Contact Business entry consists of

- contact details of the person filling the form
- inquiry email subject line
- short description
- connection to the corresponding business

2.2.6 Services Table

Each Service entry consists of

- service category name
- icon for that service

2.2.7 Business Owner Table and Admin Table

Both these tables include fields for account information – name, password, email, roles and status

Note: All test accounts passwords are 'test' without the quotes.

2.2.8 Contact Us Table

Reach Out and Let's Make Things Happen

Reach out to us, and we'll respond promptly. We're eager to connect with you and can't wait to hear from you!

951 N Plum Grove suite C, Schaumburg, IL 60173
Tel: 847-350-9034 | schaumburgmkt@gmail.com

Name

First Last

Email *

Phone *

() _ _ _

Inquiry type *

Select

Address

Street Address

Street Address 2

City State Zip

Comments *

Contact Us

8 records

0 incoming connections, 0 outgoing connections

Fields (7)

Search fields

Name field_84 Person

Email field_85

Phone field_86

Inquiry type field_87

Address field_88

Comments field_89

Date/Time field_90

‘Contact Us’ page (<https://www.schaumburgmarketplace.net/contact-us>) has a Knack form to track all inquiries on SMP. These inquiries are stored in the Contact Us table. Each Contact Us entry consists of

- contact details of the person filling the form
- inquiry type drop-down choice
- short comment text
- date/time of the inquiry (default set as time/date of form submission)

2.3. Table Relationships

Each Business connects with	one ▾	Business Owner
Each Business Owner connects with	many ▾	Businesses

Each Offer connects with	one ▾	Business
Each Business connects with	many ▾	Offers

Each News connects with	one ▾	Business
Each Business connects with	many ▾	News

Each Testimonial connects with	one ▾	Business
Each Business connects with	many ▾	Testimonials

Each Contact Business connects with	one ▾	Business
Each Business connects with	many ▾	Contact Businesses

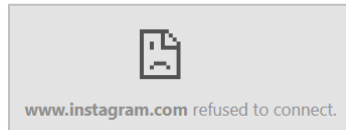
Each Business connects with	many ▾	Services
Each Service connects with	many ▾	Businesses

3. Pending Issues That Should Be Addressed

To make any edits to the Knack App requires Builder access. The access must be shared by the app owner (Tushar Patel).

The following are the issues yet to be resolved.

- I. In a few cases, the links that direct to the businesses' social media, news and offers refused to connect.

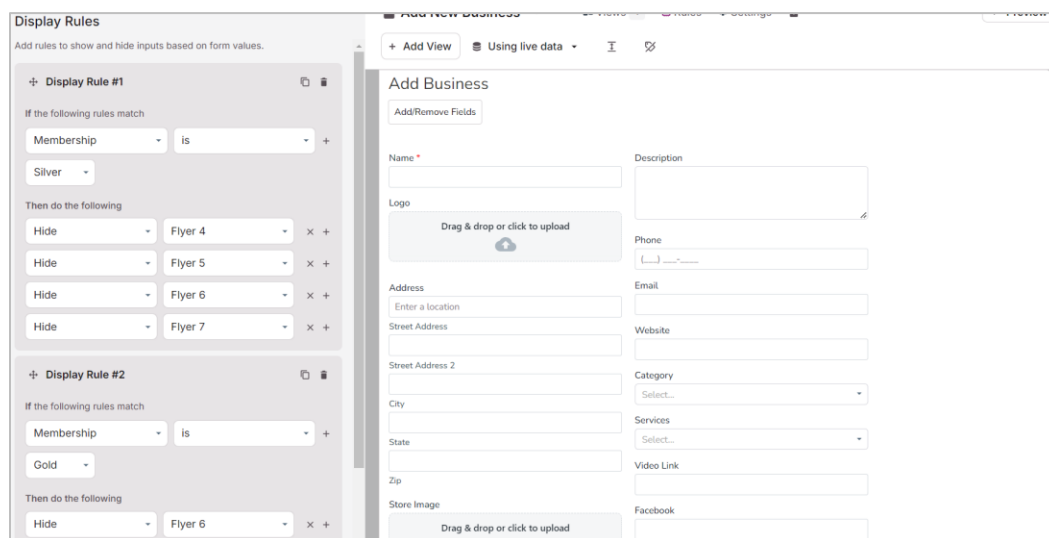


- II. As of current implementation, after the business purchases a membership package in Wix (silver, gold, diamond), there is no integration where in the Knack app can detect the membership type and automatically update the membership type and adjust the number of flyers in the 'Add Business form and details view.

Idea: This may be done using a new Knack table (Purchases) tracking each membership purchase in Wix. The relationship between Purchase and Business tables will be 1-1.

The 'Add Purchase' form during submission should update the connected Business record with the membership type.

The number of flyers in the 'Add Business' form can be modified dynamically by the 'Display Rules'. (See image)



- III. The submit rules in every add/edit form is being addressed to the BO and/or SMP Admin (schaumburgmkt@gmail.com). In future, the latter email address may need to be updated as required.
- IV. The Live app design and Wix color formatting may need to be improvised as per suggestions from stakeholder.
- V. The username (smpadmin@test.com) and password (test) for the admin account of the Business Directory App may be to be changed for security purposes when the SMP website is launched officially.
- VI. E-commerce must be enabled in Wix and not in Knack as per stakeholder's requirement.

4. Notes

- The Live App design was adapted to match the Wix color formatting.
- The Knack embed code for each page can be found at Settings->Embed
- Tables, pages and embed codes with names starting as 'RETIRE_' have been hidden from the Live App as they were replaced with new pages or item repeaters from Wix.
- Login access to the SMP gmail account (schaumburgmkt@gmail.com) and social media (FB, Instagram, LinkedIn) is as follows:

Username: schaumburgmkt@gmail.com

Password: smp_tomp

- Tables with names starting as 'IT_' and pages with names starting as 'Student' are sample student tables. These were created for emulating tasks for ITExps Knack App – birthday email automation, touchpoint program and potential student dashboard.