

Appendix C

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- 5. How to Video - User inputs**
- 6. How to Video - Custom Interactions**
- 7. Presentation video 2 - Introducing Wix Code**
- 8. Demo video (Separated into 2 videos - Camtasia 1&2)**

SITE STRUCTURE

Nav bar:

HOMEPAGE

- Developer Tools
 - Content Rich
 - Dynamic Pages
 - Custom Behaviors
 - User Inputs
 - Wix Code APIs
- Get Inspired
- Resources
 - Tutorials
 - Documentation (straight to KB)
 - Code Examples
 - API References (straight to references)
- Support (no link)
 - FAQs
 - Feedback Form
- Apply for Beta

Homepage

Fold: Intro (the what)

Introducing Wix Code

Creation Without Limits

Sophisticated technology. Advanced web applications.

CTA: Explore Wix Code

Fold 2 (the how)

Power to Do More with Less Hassle

Wix Code makes it easy to build web applications and robust websites. It's serverless, hassle-free coding. Set up database collections, create content rich websites, add custom forms and change site behavior with our APIs. Anything you build is SEO compatible.

CTA: Explore Wix Code

CTA: Go to Docs

Fold 3 (features fold)

Advanced Functionality Made Simple

Database Collections | Collect & store content and user info in a database, to use anywhere on your website. [Tell me more>>](#)

Dynamic Pages | Set up a single design style, create 100s of pages and update content in a click. [Tell me more>>](#)

Custom Interactions | Make your website more engaging by adding interactions to your page elements. [Tell me more>>](#)

User Input | Easily create application forms, quizzes, review sections & more to collect user information. [Tell me more>>](#)

Wix Code APIs | Control your website's functionality with a little JavaScript and our APIs. [Tell me more>>](#)

Finally you can do

everything from website
building to web dev
all by yourself.

CTA: Start Now

Fold 4 (simple and advanced options)

Get Up & Running in Five Minutes

With a built-in database, JavaScript backend, and IDE - all hosted in the secure Wix cloud - you have one-click deployment. All you need to start creating is your front-end or backend code, giving you more time to focus on your clients and their websites.

Do More Without Coding Create database collections to add dynamic content to your site. Use custom forms to collect valuable user information. You can control it all from your Content Manager.	Take Control With JavaScript Use Wix Code APIs and JavaScript to easily modify the way your website works. Customize the data and behavior of any Wix component - no HTML or CSS necessary.
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Guides & Articles Learn Wix Code fundamentals and read about features in our documentation pages.	Support Get one-on-one, expert advice from the professionals who created Wix Code.	Example Code Discover what's possible when you combine page elements, Wix Code and JavaScript.
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CTA: Start Creating

Fold 5 (inspirational quotes)

- "There is no doubt that creativity is the most important human resource of all. Without creativity, there would be no progress, and we would be forever repeating the same patterns." — Edward de Bono
- "The creation of something new is not accomplished by the intellect, but by the play instinct arising from inner necessity. The creative mind plays with the object it loves." - Carl Jung

- “We keep moving forward, opening up new doors and doing new things, because we’re curious... and curiosity keeps leading us down new paths.” — Walt Disney

Fold 6 (get inspired fold)

Get Inspired

Creator: Wix | Tools Used: Dynamic Pages, User Input, Database Collections, Custom Interactions, Wix Code APIs | Website Type: Design School

Fold 7 - Get started

This Website Was Created with Wix Code
Now it's your turn.

CTA: Get Started

CTA: Go to Docs

Developer Tools (no link in menu - straight to inner pages)

Inner page - Database collections

Store and Manage Unlimited Data

Database Collections

Set up collections and use them to store visitor details, product info and more. You choose how and where to use this data on your site, and control who can add, edit and view it.

Content Manager

Manage the content on your website separate to the design. You and clients can add and edit all the text and images in your database, without impacting your look and feel.

Learn how to create databases, set your roles and permissions, and more in the resources below.

Articles	Examples	Video Tutorial
About Database Collections	Text Index	Create a Database Collection in 3 Steps
Working with the Content Manager in the Editor	Draft and Published Content	Working with Data on Your Website
About Sandbox and Live Data	Table Index	Working with Datasets in 5 Steps
About Database Collection Permissions		
CTA: Read More	CTA: Start Coding	CTA: See More Videos

Inner page - Dynamic Pages

Create Hundreds of Unique Pages

Dynamic Pages

Use a single design style and create 100s of new pages, each with a custom URL and unique content. Organize by category and update content easily from your database.

Learn more about how to create pages, add unique URLs for items and more in the resources below.

Articles	Examples	Video Tutorials
Tutorial: Dynamic Item Page	Text index	Create a Dynamic Item Page in 4 Steps
About Dynamic Pages	Table index	Create a Dynamic Category Page in 4 Steps
About Dynamic Pages and Which Items They Display	Drafts and Published Content	Working with Datasets in 5 Steps
Creating Dynamic Page URLs	Featured Items	
Previewing Dynamic Pages		
CTA: Read More	CTA: Start Coding	CTA: See More Videos

Inner Page - User Inputs

Collect the Info You Need

User Input

Create application forms, review sections, quizzes and more without writing a single line of code. All the data you collect will be automatically stored in your database and can be used anywhere on your site.

Learn how to create forms, validate user input and more in the resources below.

Articles	Examples	Video Tutorials
Tutorial: Storing User Input in a Database Collection	Basic Form	Building a Form in 5 Steps
Working with User Input Elements	Form Cascading	
Validating User Input Using the Settings Panel	Multistage Form	
About Data Binding and Datasets	Collapsing Form	
CTA: Read More	CTA: Start Coding	CTA: See More Videos

Inner Page - Custom Interactions

Customize Page Element Behaviors

Custom Interactions

Add JavaScript code to your page elements to customize their behavior. Create interactions for anything a user does, like click a button, hover over a shape and toggle the page layout. It's easy to do, even if you're not a JavaScript pro.

Learn how to add interactions, code with developer tools and more in the resources below.

Articles	Examples	Video Tutorials
Tutorial: Adding Custom Interactivity to Your Site	Preloader	Create a Basic JavaScript Interaction in 5 Steps
Working with Events in Developer Tools	Promotional Preloader	Get Started with the Wix Code APIs
Working in the Developer Tools Code Panel	Switch Layouts	
Working with JavaScript in Developer Tools		
API Overview		
API Reference		
CTA: Read More	CTA: Start Coding	CTA: See More Videos

Inner Page - Wix Code APIs

Take Control of How Your Site Works

Wix Code APIs

Build any type of website with a little JavaScript and Wix Code APIs. This combination gives you full control over your site's functionality from Wix elements to your databases to backend files, including fetching & routing.

Third Party APIs

Build web apps easily in the Editor and add your logic in JavaScript. Easily call external APIs from your web app or expose parts of your site as an API to others, all without setting up any servers.

Learn how to use Wix Code APIs and more in the resources below.

Articles	Examples	Video Tutorials
API Overview	Custom Validation	
Accessing 3rd Party Services		
Working with the Data API		
About Routers		
CTA: Read More	CTA: Start Coding	CTA: See More Videos

INNER PAGE: Get Inspired

Get Inspired By These Web Apps

Take inspiration from these websites and web applications, all created with Wix Code features like dynamic pages, databases, user inputs, custom interactions and our APIs.

<2 examples - design school and flight/food site>

INNER PAGE: Resources

Resources

Find all of the information you need to use Wix Code, like tutorials, video guides, example code, API references and articles.

Fold 2 - Walkthroughs

Tutorials

Learn how to use Wix Code to create any kind of site you want.

Create Dynamic Pages	Easily Build Forms	Add Custom Interactions
Set up a single layout to create one page that can be used over and over again, each time displaying different content from your database collection.	Design forms with radio buttons, dropdowns and more, to collect visitor information. You can store it in your database and reuse it anywhere on your site.	Make your site more flexible with simple scripts that let users slide, toggle, hover and more over all of the elements on your website.
CTA: Learn How	CTA: Learn How	CTA: Learn How

CTA: See All Videos

A

Fold 5 - Articles

Articles

Browse the categories to find the information you need.

Database | Learn how to store all of your site's content in a secure, hosted database.

Data Binding | Connect elements on your page to your database with minimal code.

Dynamic Pages | Change page content dynamically for each item in your collection.

User Input | Collect more valuable information from your site visitors.

Coding | Use Wix Code APIs and JavaScript to customize your site in more ways.

Advanced | Learn more about Developer Tools and how Wix Code works.

CTA: [Explore More Articles](#)

Fold - Sample Code

Examples

See what you can do when you combine Wix Code and a touch of JavaScript.

CTA: [See Examples](#)

Fold - APIs

Wix Code APIs

Learn about Wix Code APIs and how you can use them to create the website you want.

API Overview | Learn about Wix Code APIs and how to use them in your website.

API Cheatsheet | Get an at-a-glance view of all the APIs, and click one to get more details.

API Reference | Find detailed information and example code for each Wix Code API.

CTA: [See All Wix Code APIs](#)

INNER PAGE: Tutorials

Tutorials

Find a list of guides and videos to help you use Wix Code features.

Step-by-Step Guides

<Page 1>

<Page 2>

<Page 3>

<Page 4>

Video Library

<Video gallery created with Wix Video>

INNER PAGE: Articles

Articles

Get all of the information you need to build robust web applications and websites with Wix Code.

INNER PAGE: APIs

Wix Code APIs

Learn more about our APIs and how to use them to take full control of your site's functionality.

INNER PAGE: Examples

Examples

See all that you can do with Wix Code APIs and a little JavaScript.
In each example, you can go direct to the Editor or copy/ paste the code into your site.



CONTENT EXAMPLES

Promotional Preloader



Promotional Preloader:

A Preloader can be used for promotions, to get user attention as a page loads.

In this case we have the Developer Preloader.

Preloader can be created using a box set as visible that overlays the site home page, that closes as the user clicks a close button or closes after a certain time using `setTimeout()`.

OPEN IN EDITOR >>

Show Code

5 Comments

MADE WITH WIX

HOME STATES.JS

```
import {usStates, canadaStates} from 'public/states';

//export function country_onChangeEvent() {
$(document).ready(function() {
  $('#country').on('change', function() => {
    $('#state').on('change', function() => {
      if ($('#country').val() === 'United States') {
        $('#state').options = usStates;
        $('#state').enable();
      }
      else if ($('#country').val() === 'Canada') {
        $('#state').options = canadaStates;
        $('#state').enable();
      }
      else {
        $('#state').val = '';
        $('#state').disable();
      }
    })
  })
})
})
```

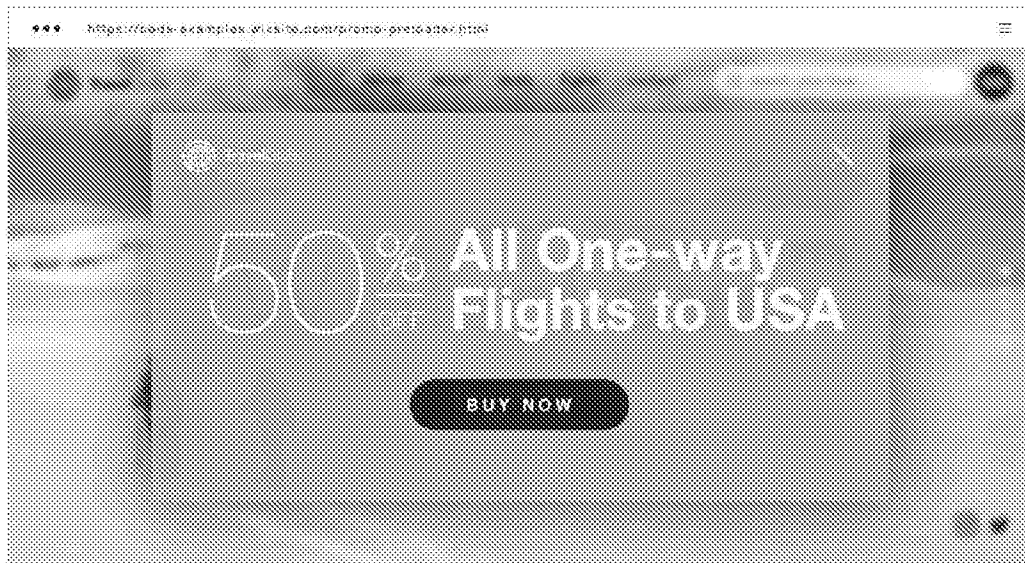
PREVIOUS EXAMPLE

BACK TO LIST



PRODUCT	COMPANY	COMMUNITY	SUPPORT
Templates	About Wix	Wix Blog	Support Center
Explore	Investor Relations	Wix Stories	
Features	Jobs	Wix Arena	
My Sites	Design Assets	Wix Lounge	
Premium Plans	Terms of use	Facebook	
Wix SEO	App Market Terms	Twitter	
Online Store	Privacy Policy	Google+	
App Market	Abuse	Pinterest	
Domains	Affiliates	Youtube	
Developers	Updates & Releases	Linkedin	
Email Marketing	Contact Us		

PROMOTIONAL PRELOADERS

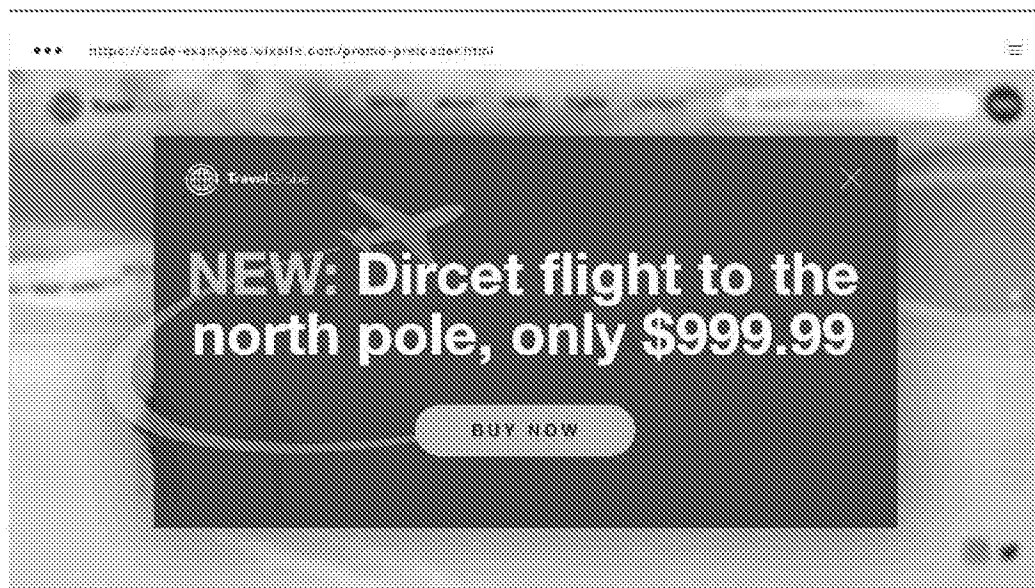


It's Vacation Time!

50% OFF

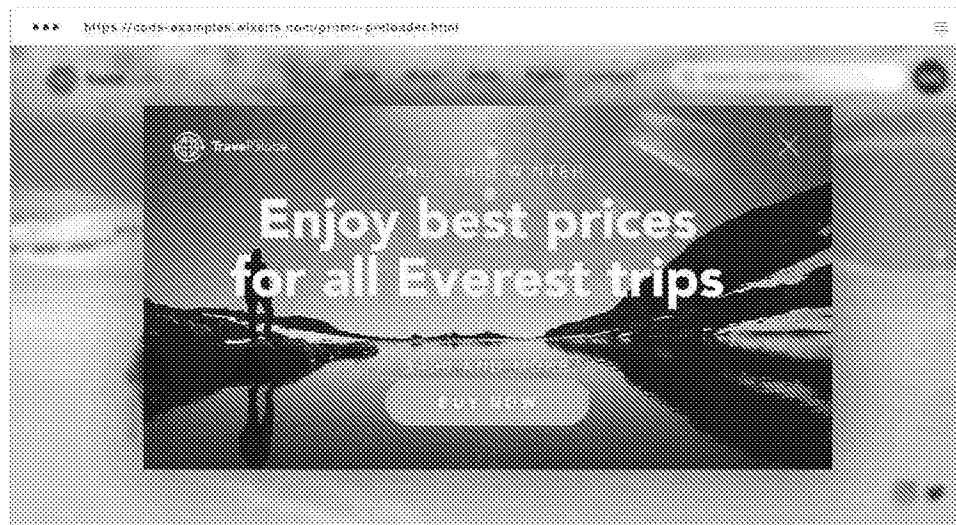
All Return Flights to USA

CTA: See All



NEW: Fly direct to Iceland for just \$159.99

CTA: Book Today



INDEPENDENCE DAY DEAL

Get the best prices on all winter ski trips.

All trips \$499 & under.

CTA: Buy Now



INTERACTION EXAMPLES

Replacing an Image

[Take a Look Inside](#)

Show Code

```
HOME STATES.JS

import {usStates, canadaStates} from 'public/states';

//export function country_onChange(event) {
$w.onReady(function() {
  $w('#country').onChange(() => {
    $w('#country').onChange(() => {
      if ($w('#country').value === 'United States') {
        $w('#state').options = usStates;
        $w('#state').enable();
      }
      else if ($w('#country').value === 'Canada') {
        $w('#state').options = canadaStates;
        $w('#state').enable();
      }
      else {
        $w('#state').value = '';
        $w('#state').disable();
      }
    }
  })
})
}
```

[< PREVIOUS EXAMPLE](#)[BACK TO LIST](#)

0 0 Comments

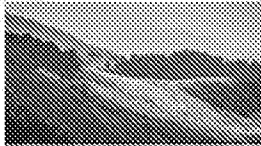
PRODUCT	COMPANY	COMMUNITY	SUPPORT
Templates	About Wix	Wix Blog	Support Cent
Explore	Investor Relations	Wix Stories	
Features	Jobs	Wix Arena	
My Sites	Design Assets	Wix Lounge	
Premium Plans	Terms of use	Facebook	
Wix SEO	App Market Terms	Twitter	
Online Store	Privacy Policy	Google+	
App Market	Abuse	Pinterest	
Domains	Affiliates	Youtube	
Developers	Updates & Releases	Linkedin	
Email Marketing	Contact Us		

ATTRACTIONS

 Gallery |  List

Yellow Park

Ideal for family trips



Sam National Park

Advanced trekking



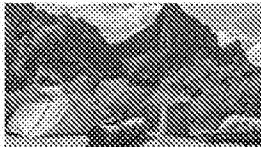
Sunset Lake

Stunning views for all



Grand Paradise

Perfect spot for camping



Sister's Waterfall

Summer time travel



Into the wild

to the wilderness



Yellow Park

Ideal for family trips

Sam National Park

Advanced trekking

Sunset Lake

Stunning views all around

Grand Paradise

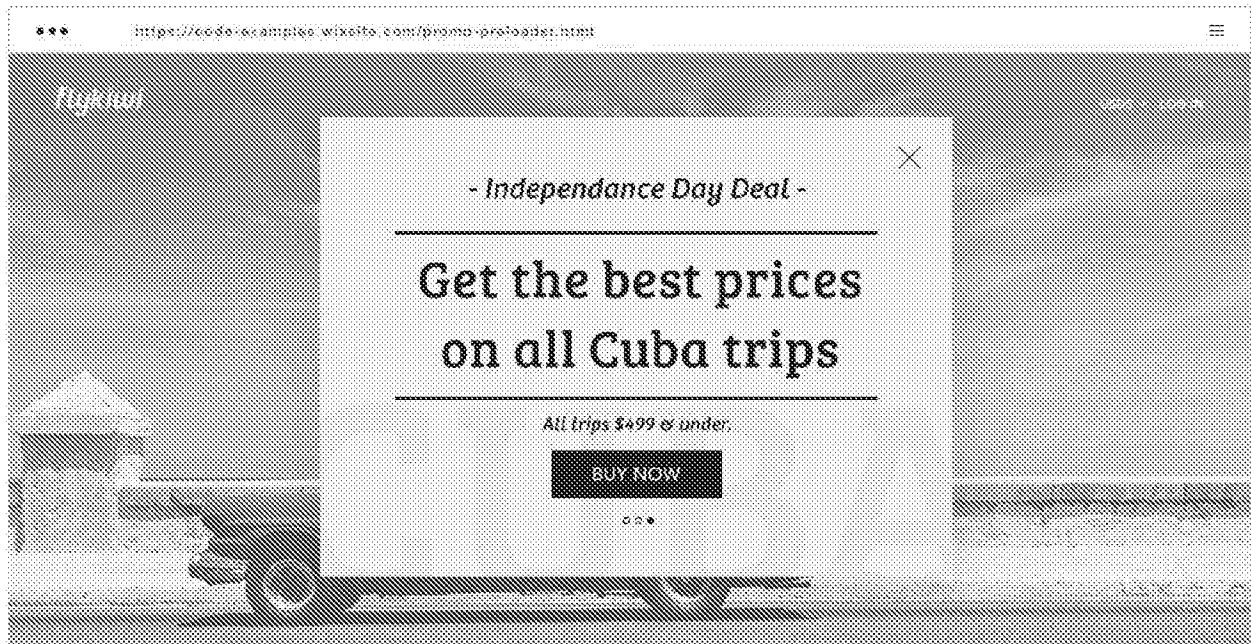
Perfect spot for camping

Sister's Waterfall

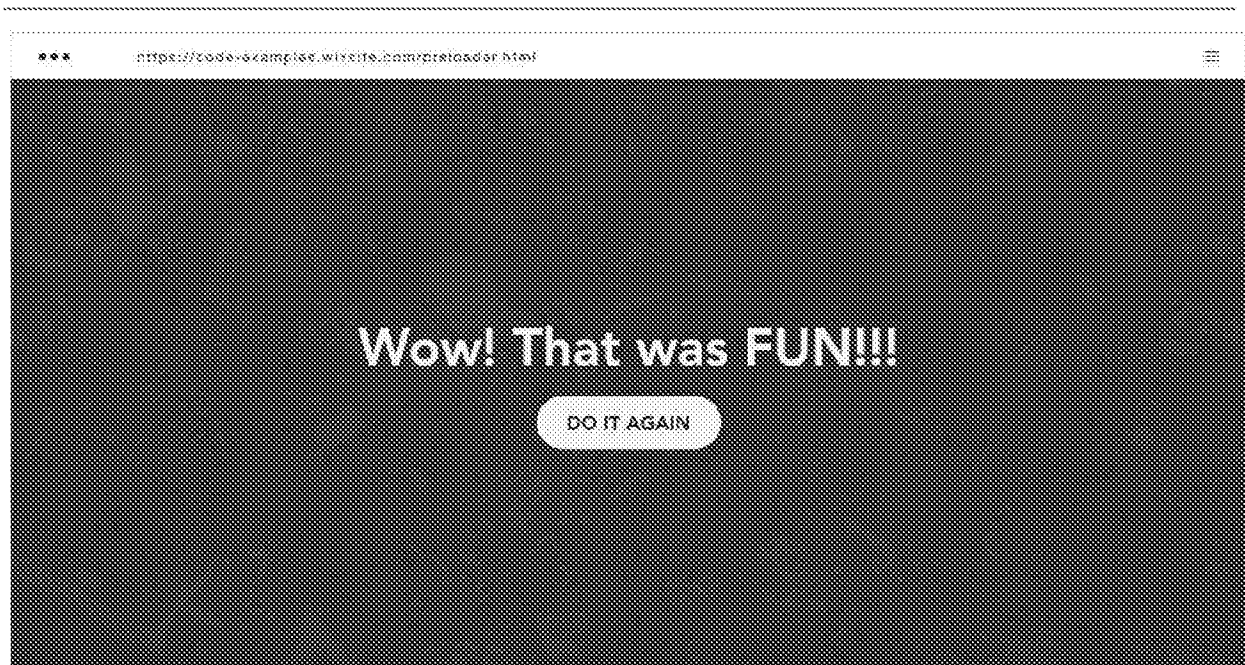
Summer time travel

Torn Tree Forest

Soak in the stillness



Independence Day Deal



Wow, that was fun!

DO IT AGAIN>>



OUR MENU

DINNER

COCKTAILS

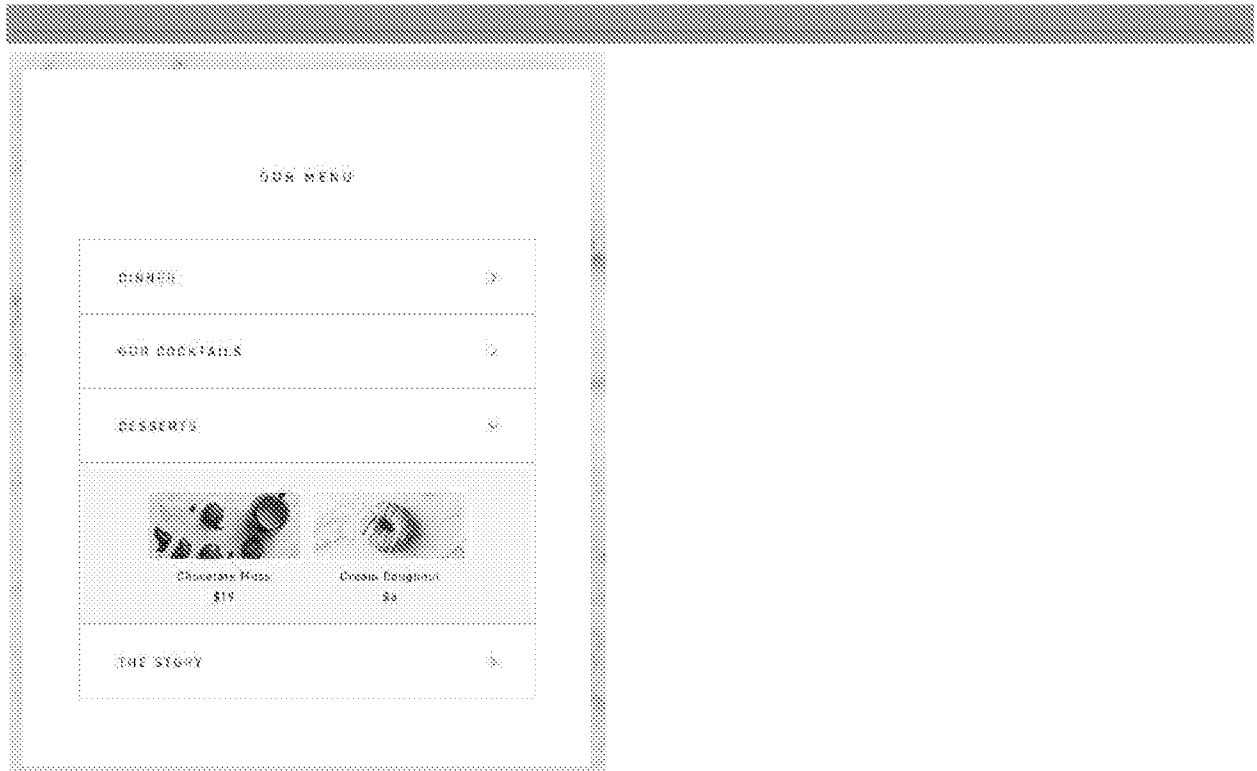
DESSERTS

APERITIFS



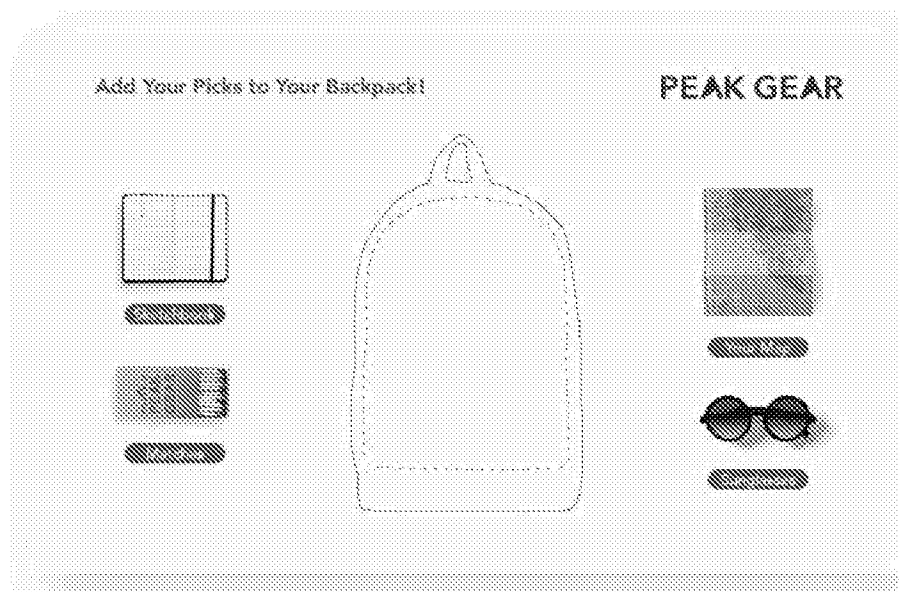
Watermelon Salad
\$19

Cheese Plate
\$17



Chocolate Mousse
\$12

Fondant Donut
\$8



Click on Equipment to Add It

Intro to Code Product Video

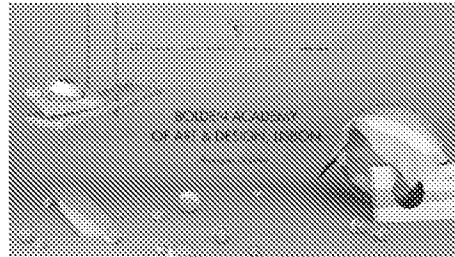
Storyboard | Temporary template & content

Video Brief

Narration: Introducing Wix Code - Creation Without Limits

Welcome to Wix Code

Narration: Wix Code makes it easy to build advanced web applications and robust websites.



Wix Code 123456
1234567890



Wix Code 1234567890
1234567890

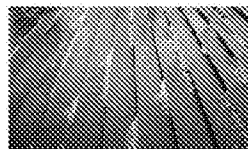


Wix Code 1234567890
1234567890

Narration: Set up database collections to store and manage all of your site's text and images, create hundreds of unique pages with a single design using dynamic pages, add custom forms and take control of your website's behavior and functionality with JavaScript and APIs.

Wix Code 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890 1234567890

Wix Code 1234567890	Wix Code 1234567890	Wix Code 1234567890
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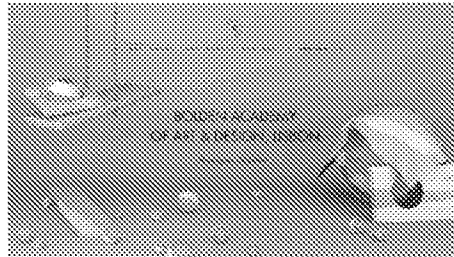


Wix Code 1234567890



Wix Code 1234567890

Narration: You'll get all the tools you need to get up and running in 5 minutes, like a built-in database, secure storage and IDE - all hosted in the secure Wix cloud.



Wix.com
30 seconds



Wix.com
30 seconds

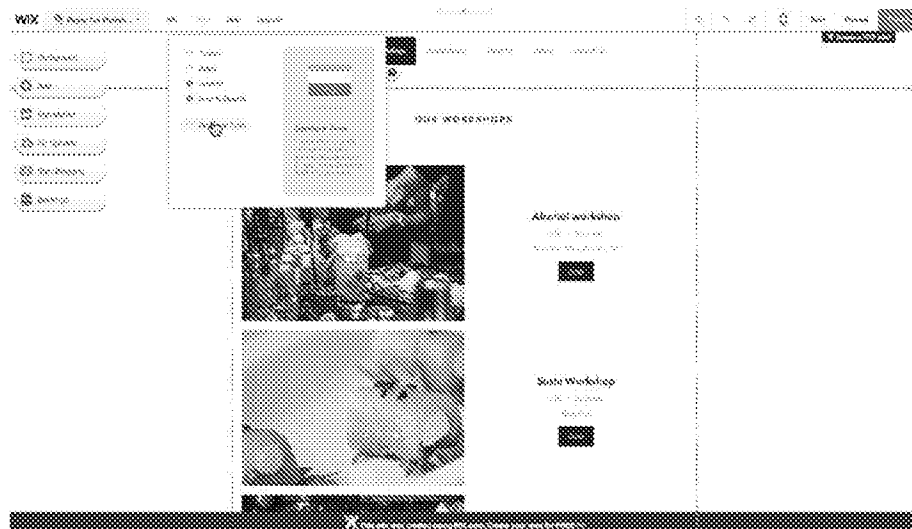


Wix.com
30 seconds

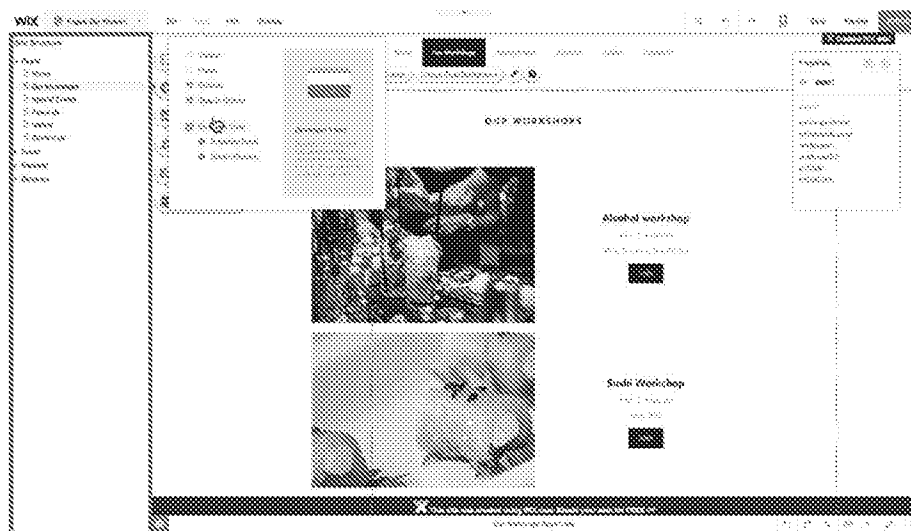
Narration: It's serverless, hassle-free coding, giving you more time to focus on your clients and their websites. And with SEO built in, anything you create is automatically search engine compatible.

TEXTUAL SLIDE

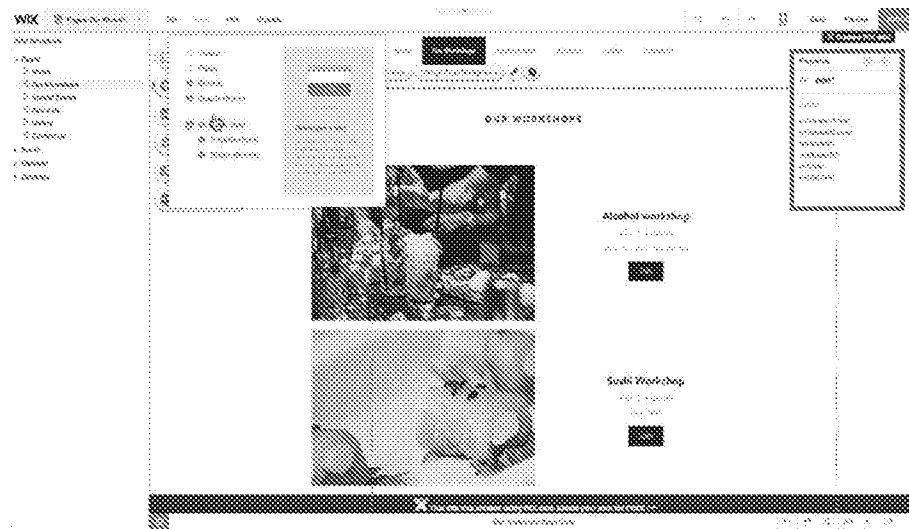
Narration: To use Wix Code on any of your sites, simply enable developer tools in the **Editor**, by clicking **Tools** and checking the box next to **Developer Tools**.



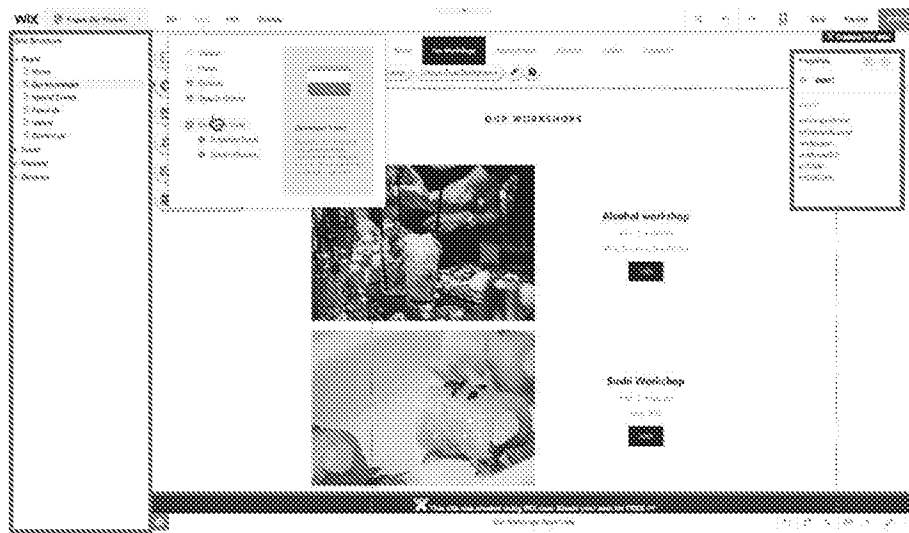
Narration: The Wix Editor looks a little different now. Here on the left, you have the **Site Structure Sidebar** that lets you navigate through your pages, databases and code files.



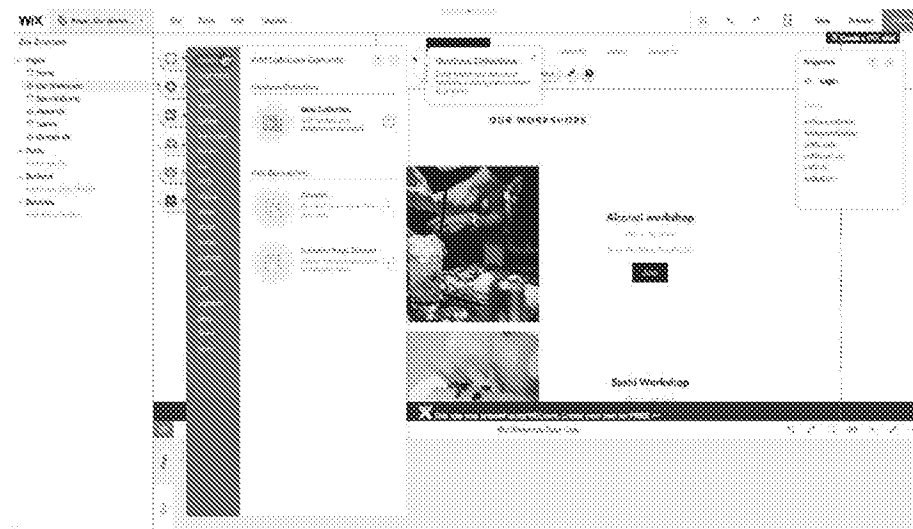
Narration: And here on the right - the **Properties Panel**, which you can use to customize interactions for any of your page elements.



Narration: There's also a **Code Console** down here. This is where you can add your own front and backend code, and with 1-click deployment, it's quick and easy to update your page, app or website.



Narration: Under **Add**, you'll see two new features that let you add more functionality to your site. **Database** lets you create database collections, and **User Input** makes it easy to build custom forms.



Narration: A database collection like this one, is a table that stores all of your site's text and images. You can collect and manage product information, customer details, reviews and more all in one place.

 A screenshot of the Wix website editor interface showing a database collection table. The table has columns for 'ID', 'Name', 'Description', 'Image', 'Price', and 'Status'. The table contains several rows of data, including product information, customer details, and reviews. The 'Add' button is highlighted in the top navigation bar. The 'Database' and 'User Input' options are highlighted in the 'Add' menu. The main workspace shows a preview of a website with a header, a main content area with a large image and text, and a footer. The 'Database' and 'User Input' options are highlighted in the 'Add' menu.

ID	Name	Description	Image	Price	Status
1	Product 1	Description 1	Image 1	Price 1	Status 1
2	Product 2	Description 2	Image 2	Price 2	Status 2
3	Product 3	Description 3	Image 3	Price 3	Status 3
4	Product 4	Description 4	Image 4	Price 4	Status 4
5	Product 5	Description 5	Image 5	Price 5	Status 5
6	Product 6	Description 6	Image 6	Price 6	Status 6
7	Product 7	Description 7	Image 7	Price 7	Status 7
8	Product 8	Description 8	Image 8	Price 8	Status 8
9	Product 9	Description 9	Image 9	Price 9	Status 9
10	Product 10	Description 10	Image 10	Price 10	Status 10

Narration: Set roles and permissions to manage who adds and views your content.

The screenshot shows the WIX database management interface. On the left, there is a sidebar with a tree view containing 'WIX', 'Database', 'Tables', 'Views', 'Queries', 'Reports', and 'Tables'. The main area displays a table with the following columns: 'Name', 'Type', 'Permissions', 'Roles', 'Permissions', 'Roles', 'Permissions', 'Roles', 'Permissions', 'Roles'. The table contains several rows of data, including 'WIX', 'Database', 'Tables', 'Views', 'Queries', 'Reports', and 'Tables'. The 'Permissions' column contains a list of permissions, and the 'Roles' column contains a list of roles. The table is sorted by 'Name' in ascending order.

Narration: And once your database collection is set up, you and your clients can update your site's content separate to the design - no programming skills needed.

The screenshot shows the WIX database management interface. On the left, there is a sidebar with a tree view containing 'WIX', 'Database', 'Tables', 'Views', 'Queries', 'Reports', and 'Tables'. The main area displays a table with the following columns: 'Name', 'Type', 'Permissions', 'Roles', 'Permissions', 'Roles', 'Permissions', 'Roles', 'Permissions', 'Roles'. The table contains several rows of data, including 'WIX', 'Database', 'Tables', 'Views', 'Queries', 'Reports', and 'Tables'. The 'Permissions' column contains a list of permissions, and the 'Roles' column contains a list of roles. The table is sorted by 'Name' in ascending order.

Narration: With **Dynamic Pages**, any text and images stored in your database can be used on 100s of new pages in a click, each with a custom URL and SEO built in.



Narration: **User Inputs** gives you the flexibility to collect user information in custom forms and store it in your database. You can create review sections, quizzes, and application forms like this one.

APPLY FOR SOLDER'S ACADEMY

Personal Details

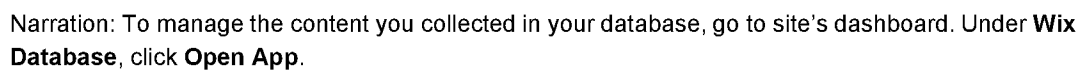
First Name: _____ Last Name: _____

Email: _____ Phone: _____

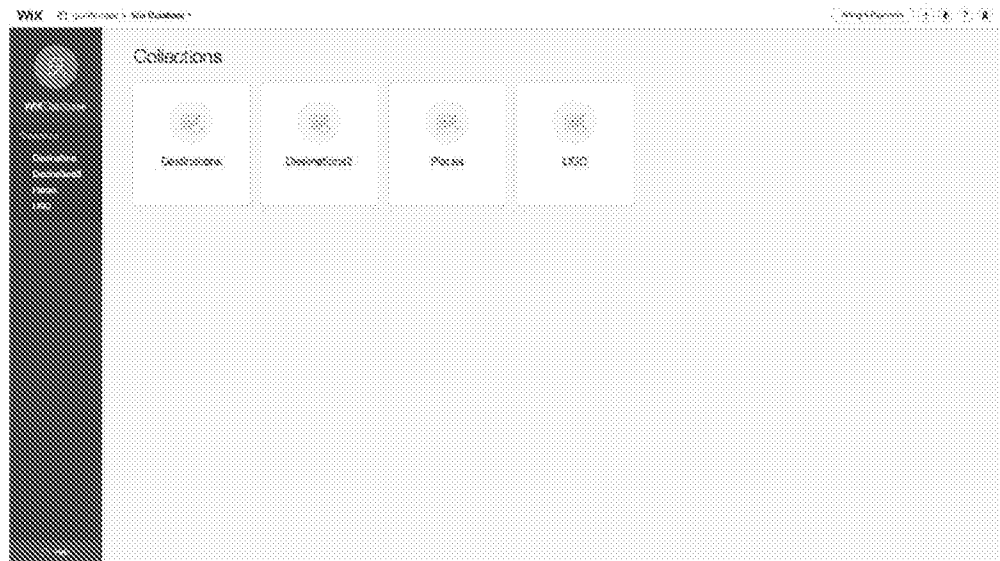
Address

Street: _____ City: _____

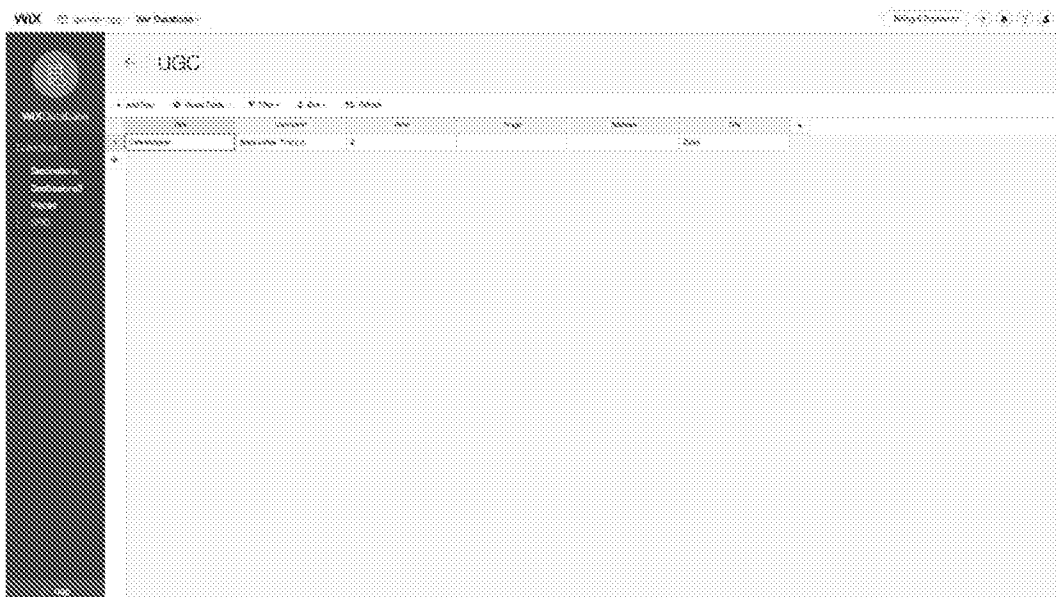
State: _____ Zip: _____



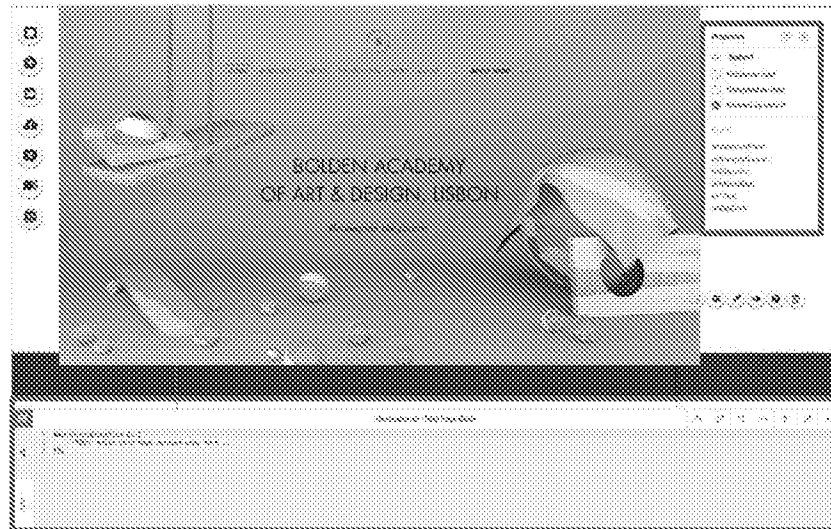
Narration: Choose a database collection, like **Student Info**.



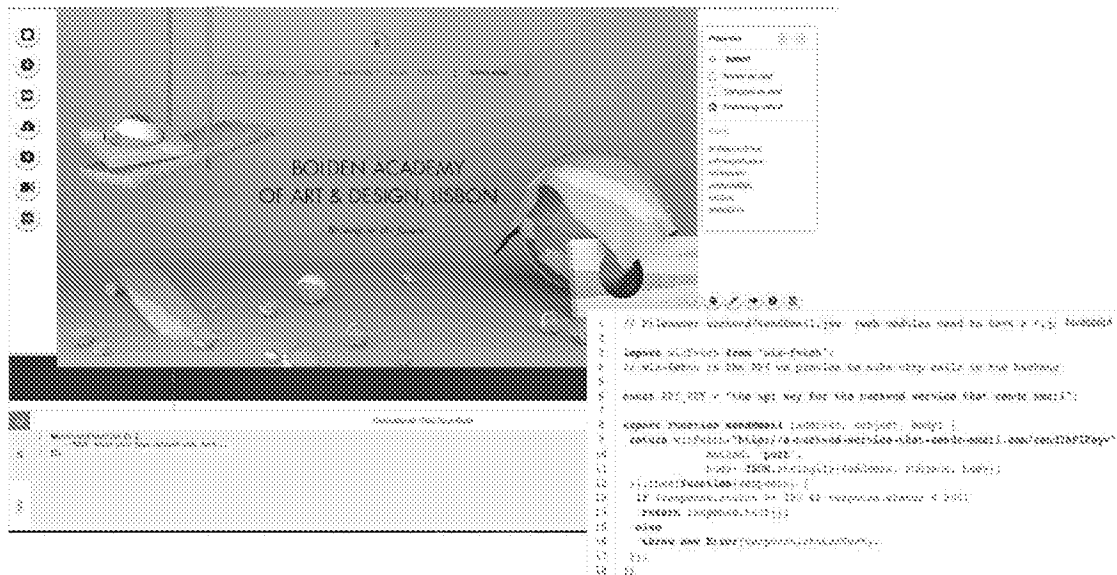
Narration: Here you'll see all of your data, including the information you collect from users. You can access all of your database collections from the panel on the left.



Narration: Along with managing all of your content, Wix Code lets you change page elements' behavior when users hover, toggle and click, by adding simple JavaScript. It's easy, even if you're not a JavaScript pro.



Narration: For more advanced site functionality, use Wix Code APIs. They give you full control over your Wix elements, databases and backend files, including fetching & routing.



Narration: Wix Code makes it easy to add more advanced functionality to your site. For more information, step-by-step tutorials, examples, API references and more, go to the [Wix Code resources page](#).

Image of the beta site with
resources, etc

Narration: Now it's your turn. Go to the Editor and start creating with Wix Code.

Wix Code
Creation Without Limits

What's in the brief?

- Welcome to Wix Code

- The power of web development in Wix
- Main values: database collections, dynamic pages, UGC, custom interactions, API
- Serverless, hassle free

- Getting Started

- Enabling developer tools in the Editor
- Basic orientation - Site structure, new Add panel options, properties panel, code console

- Dynamic pages

- What are they - design once, draw unique content from your database

- User input

- Creating forms
- Connecting fields to database
- Accessing the Database app

- Using JS Code

- Properties panel
- Events overview

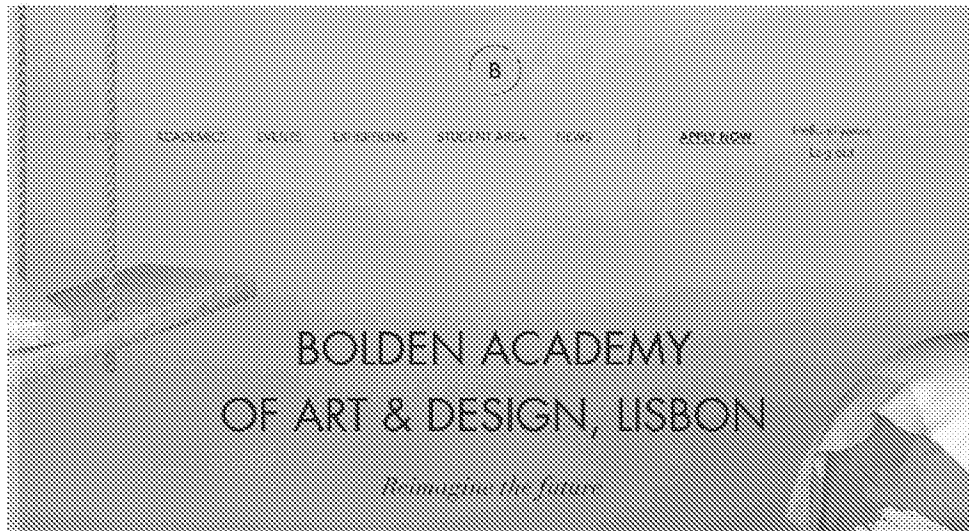
Dynamic Page How To Video

Storyboard | Temporary template & content

How to

1. Set up a Database Collection
2. Create a Dynamic Page
3. Add an Index Page
4. Add a Dynamic Category Page

Narration: In this video, we'll be creating and working with dynamic pages. We will use our design school website, <Bolden Academy>, to demonstrate each step.



Narration: A dynamic page saves time by instantly creating 100s of unique pages based on a single design.



1

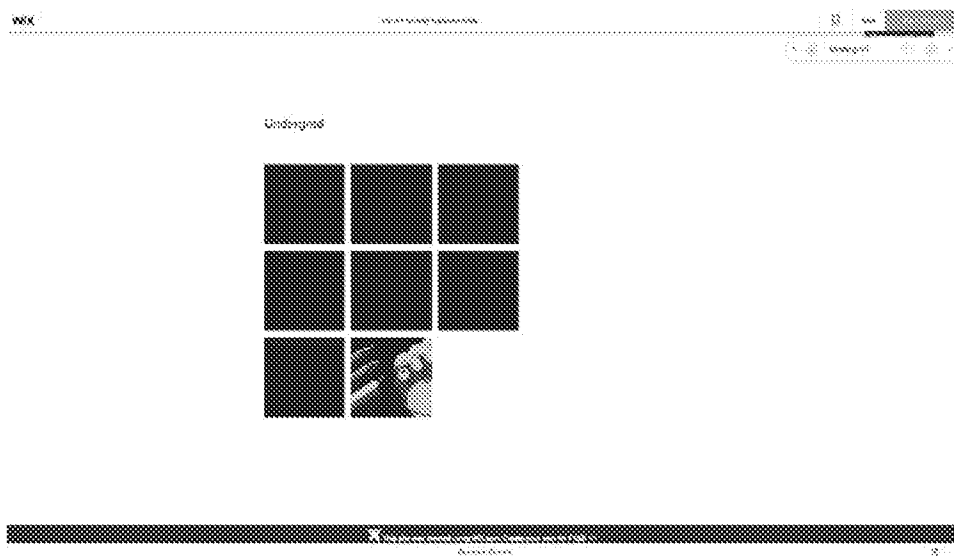
Narration: First, we'll show you how to set up a database collection to store all the information for our courses that will connect to page elements in our dynamic page design.

Courses Courses (10)	Courses Courses	Title	Description	Image	Location
1	Introduction to Computer Science	Introduction to Computer Science	Introduction to Computer Science		Introduction to Computer Science
2	Advanced Computer Science	Advanced Computer Science	Advanced Computer Science		Advanced Computer Science
3	Computer Science Fundamentals	Computer Science Fundamentals	Computer Science Fundamentals		Computer Science Fundamentals
4	Computer Science Applications	Computer Science Applications	Computer Science Applications		Computer Science Applications
5	Computer Science Research	Computer Science Research	Computer Science Research		Computer Science Research
6	Computer Science History	Computer Science History	Computer Science History		Computer Science History
7	Computer Science Ethics	Computer Science Ethics	Computer Science Ethics		Computer Science Ethics
8	Computer Science Law	Computer Science Law	Computer Science Law		Computer Science Law
9	Computer Science Art	Computer Science Art	Computer Science Art		Computer Science Art
10	Computer Science Music	Computer Science Music	Computer Science Music		Computer Science Music
11	Computer Science Sports	Computer Science Sports	Computer Science Sports		Computer Science Sports
12	Computer Science Games	Computer Science Games	Computer Science Games		Computer Science Games
13	Computer Science Movies	Computer Science Movies	Computer Science Movies		Computer Science Movies
14	Computer Science Books	Computer Science Books	Computer Science Books		Computer Science Books
15	Computer Science Websites	Computer Science Websites	Computer Science Websites		Computer Science Websites
16	Computer Science Apps	Computer Science Apps	Computer Science Apps		Computer Science Apps
17	Computer Science Hardware	Computer Science Hardware	Computer Science Hardware		Computer Science Hardware
18	Computer Science Software	Computer Science Software	Computer Science Software		Computer Science Software
19	Computer Science Networks	Computer Science Networks	Computer Science Networks		Computer Science Networks
20	Computer Science Security	Computer Science Security	Computer Science Security		Computer Science Security

Narration: Then, we'll create an index page. This will make it easy for students to find the courses they're interested in.

Title	Location	Region	Description
Introduction to Computer Science	Introduction to Computer Science	Introduction to Computer Science	Introduction to Computer Science
Advanced Computer Science	Advanced Computer Science	Advanced Computer Science	Advanced Computer Science
Computer Science Fundamentals	Computer Science Fundamentals	Computer Science Fundamentals	Computer Science Fundamentals
Computer Science Applications	Computer Science Applications	Computer Science Applications	Computer Science Applications
Computer Science Research	Computer Science Research	Computer Science Research	Computer Science Research
Computer Science History	Computer Science History	Computer Science History	Computer Science History
Computer Science Ethics	Computer Science Ethics	Computer Science Ethics	Computer Science Ethics
Computer Science Law	Computer Science Law	Computer Science Law	Computer Science Law
Computer Science Art	Computer Science Art	Computer Science Art	Computer Science Art
Computer Science Music	Computer Science Music	Computer Science Music	Computer Science Music
Computer Science Sports	Computer Science Sports	Computer Science Sports	Computer Science Sports
Computer Science Games	Computer Science Games	Computer Science Games	Computer Science Games
Computer Science Movies	Computer Science Movies	Computer Science Movies	Computer Science Movies
Computer Science Books	Computer Science Books	Computer Science Books	Computer Science Books
Computer Science Websites	Computer Science Websites	Computer Science Websites	Computer Science Websites
Computer Science Apps	Computer Science Apps	Computer Science Apps	Computer Science Apps
Computer Science Hardware	Computer Science Hardware	Computer Science Hardware	Computer Science Hardware
Computer Science Software	Computer Science Software	Computer Science Software	Computer Science Software
Computer Science Networks	Computer Science Networks	Computer Science Networks	Computer Science Networks
Computer Science Security	Computer Science Security	Computer Science Security	Computer Science Security

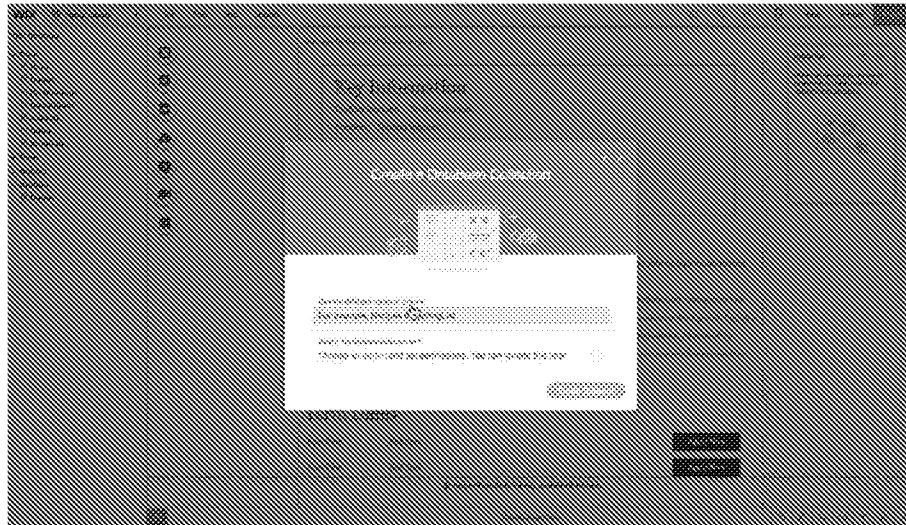
Narration: And finally, we'll add a dynamic category page so that our courses can be categorized by degree.



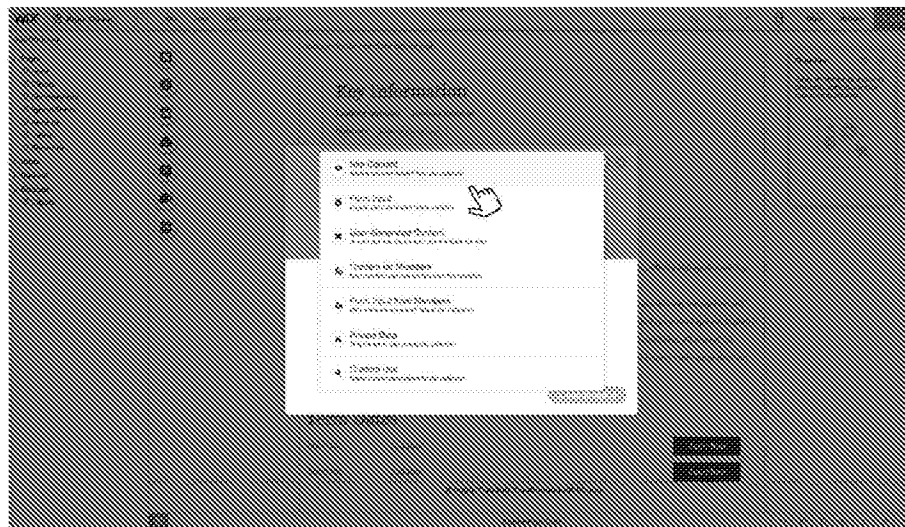
Set up a Database Collection

Narration: For our design school, we'll create a database collection to store our course information. To add a database collection, go to the **Site Structure** sidebar on the left HERE, hover on **Database** at the bottom and then click the **Add** icon. Select **New Collection...**

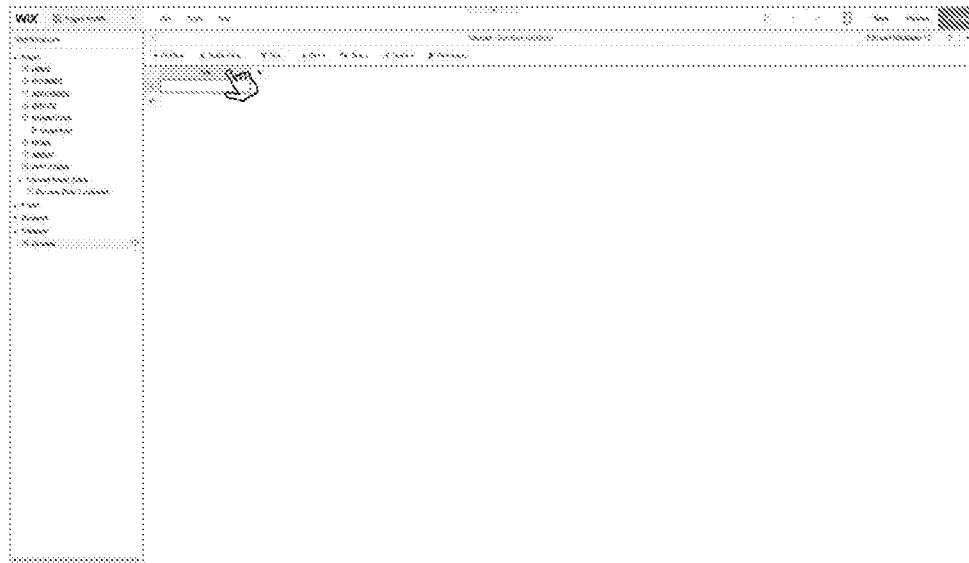
Narration: Give the collection a name. In this example, we will name it **Courses**.



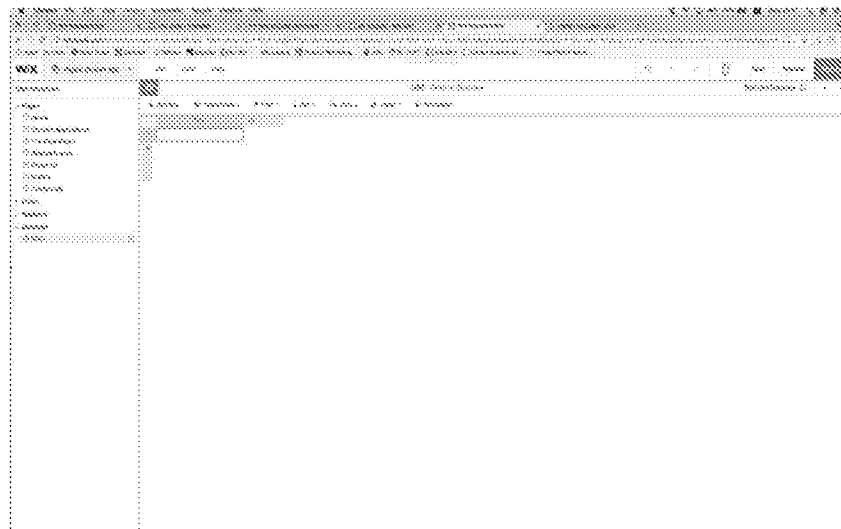
Narration: Now, set roles and permissions to control who can add and view content in the collection. For this example, we'll select **Site Content**. This way anyone visiting the site can view the content, but only the owner has permission to add and edit information. Then, click **Create Collection**.



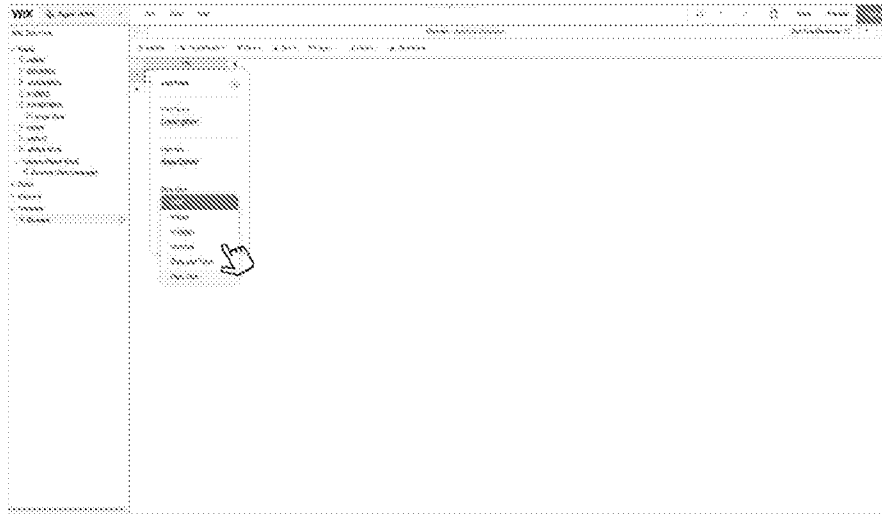
Narration: A collection is like an Excel spreadsheet. We have a default column labeled Title. We will use this for our **Course Names**.



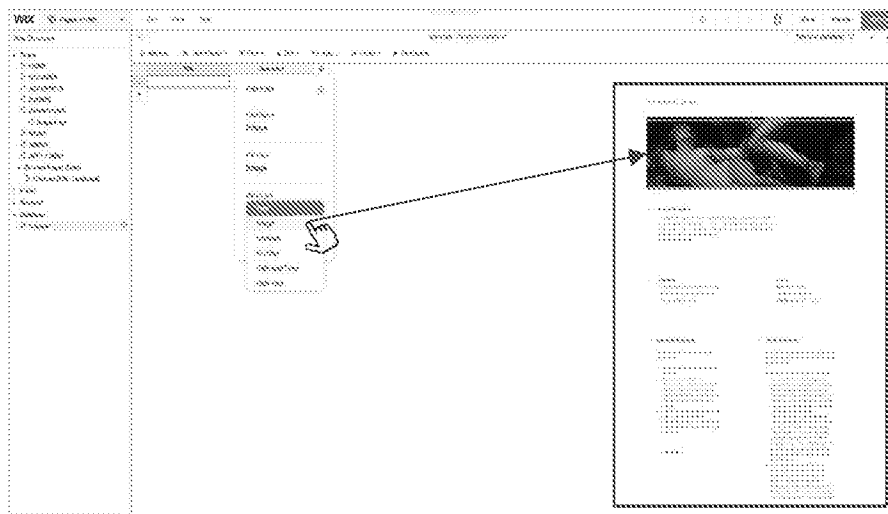
Narration: We'll add more fields for all the details relating to our courses.



Narration: To add a new field, click **Add Field**. Under **Field Name**, give it a title, like **Description**. Next, choose the **Field Type**. There are a few options to choose from, such as **Text**, **Images**, **Boolean**, **Number**, **Date and Time** or **Rich Text**. In this example, we need to select **Rich Text**. **Rich Text** gives us formatting and customization options for our text. When done, click **Add**.



Narration: Keep in mind that the **Field Type** will vary according to the element. For example, when we add Images as an element, set the **Field Type** to **Image**.



Narration: Let's complete the first row for one of our courses. Enter: Course Title, Description, Image, Lecturers, What You Will Learn and Entry Requirements.

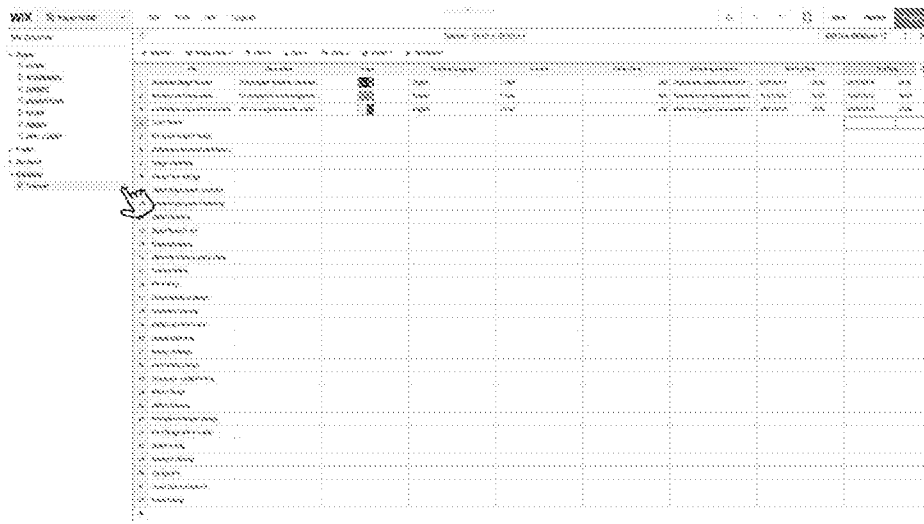
title	description	image	lecturer	what_you_will_learn	entry_requirements
Introduction to Wix	Wix is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None

Narration: The database collection for our course offerings is all set up. All the information will be stored here. Now, we're ready to start building our dynamic page.

title	description	image	lecturer	what_you_will_learn	entry_requirements
Introduction to Wix	Wix is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Advanced Wix	Advanced Wix is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Business	Wix for Business is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Education	Wix for Education is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Non-Profit	Wix for Non-Profit is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Healthcare	Wix for Healthcare is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Law	Wix for Law is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Real Estate	Wix for Real Estate is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Travel	Wix for Travel is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Food & Beverage	Wix for Food & Beverage is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Fashion	Wix for Fashion is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Art	Wix for Art is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Music	Wix for Music is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Sports	Wix for Sports is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None
Wix for Technology	Wix for Technology is a powerful web design tool that allows you to create professional websites without any coding experience. In this course, you will learn the basics of Wix, including how to choose a template, customize your content, and publish your website.		John Doe	By the end of this course, you will be able to create a professional website using Wix.	None

Create a Dynamic Page

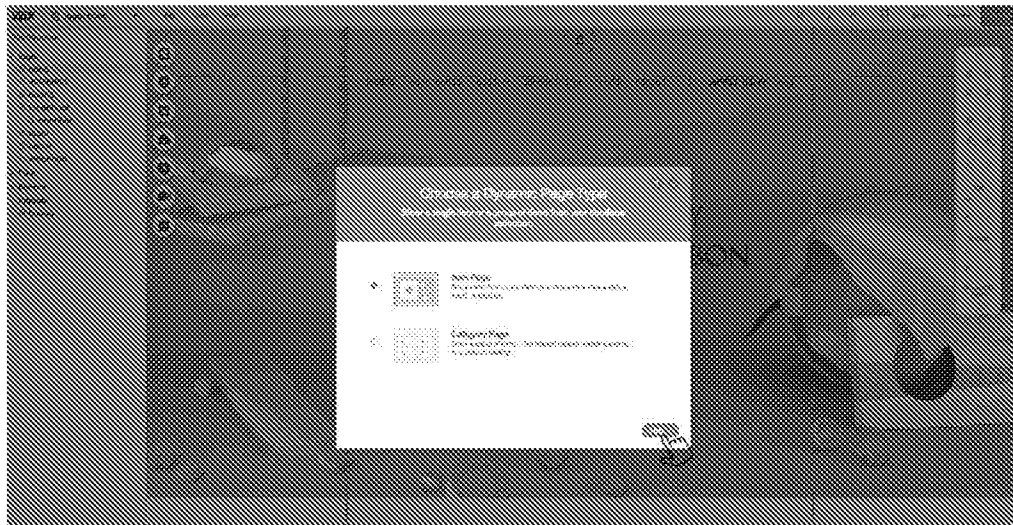
Narration: Once we've added all of the course content to the database collection, we can create a dynamic page that will display everything. To start, go to the Site Structure sidebar [HERE](#). Next to **Courses**, click the **Settings** icon and choose **Add a Dynamic Page**.



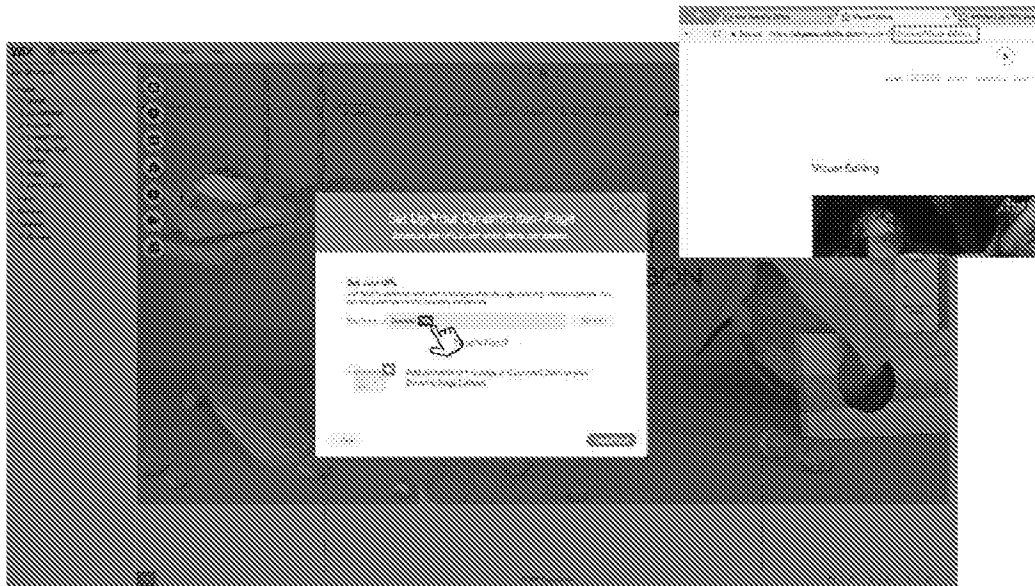
Narration: Click **Start Creating**.



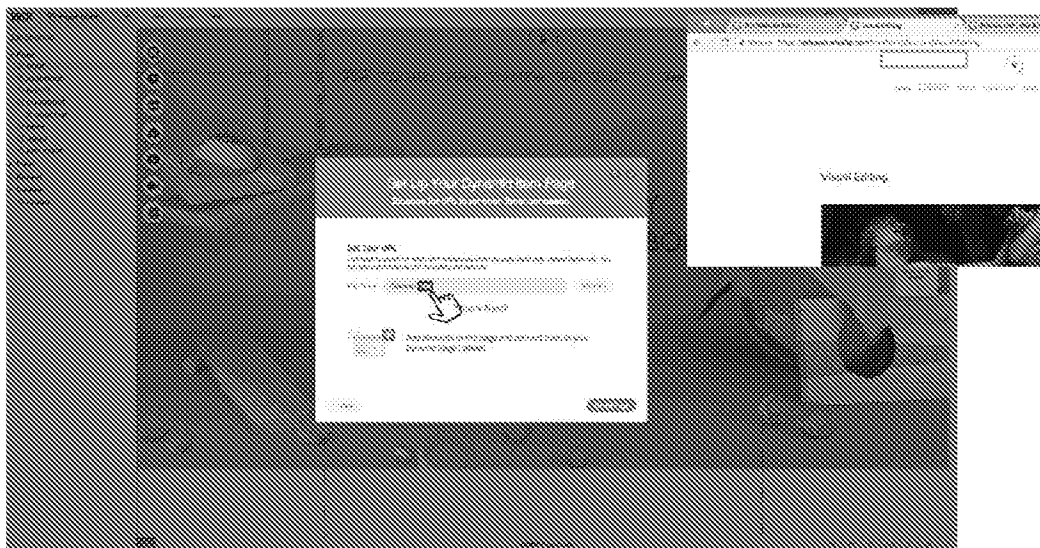
Narration: There are two types of dynamic pages, an **Item Page** or a **Category Page**. An Item Page displays items from your collection one at a time, while a Category Page will show a group of items on one page. In this example, we'll create an **Item Page** for our courses. We'll show you how to create a **Category Page** in another video. Now, click **Next**.



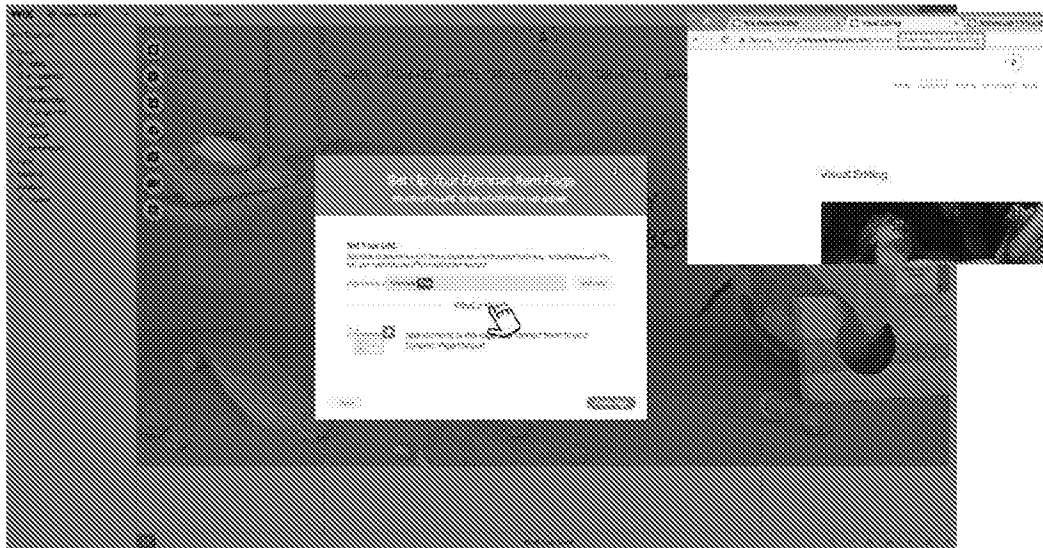
Narration: When creating a dynamic page, the URL must be defined. By default, the URL pattern is the site name, followed by the **Collection** name and then the content of the **Field Title** from each item in the collection.



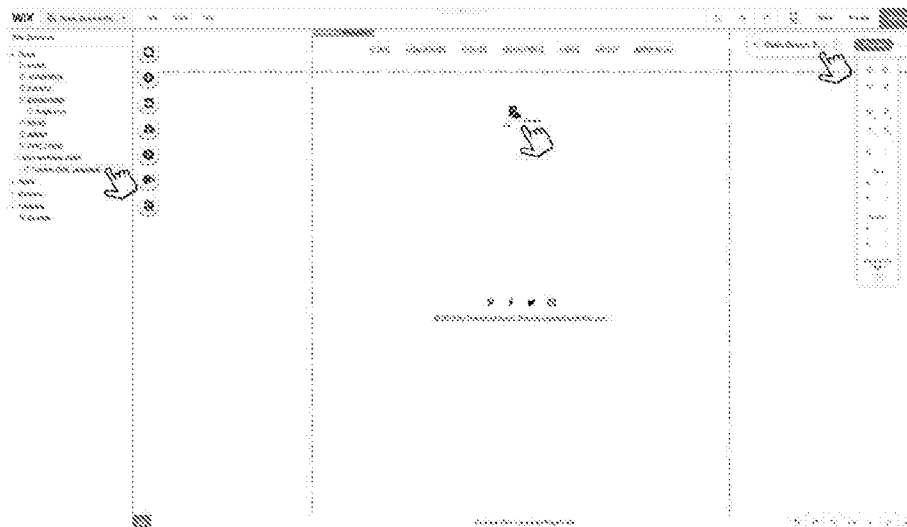
Narration: We can also change the default structure of our URL. To remove a **Field**, select it and click **Delete**. To add a field to the URL, click **Add Field** and choose a field from the **Collection**.



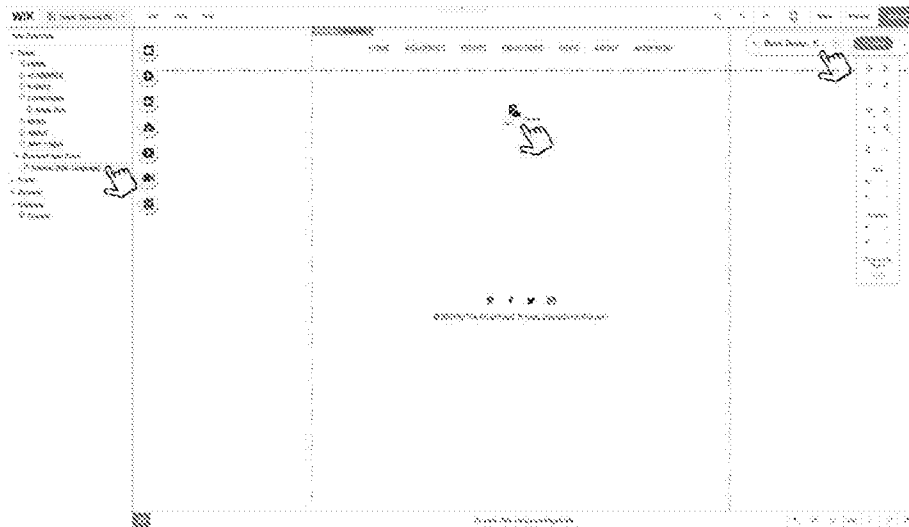
Narration: Keep in mind, we need to choose a **Field** that uniquely identifies each item in our collection. Now that we've set up our URL, click **Create Page**.



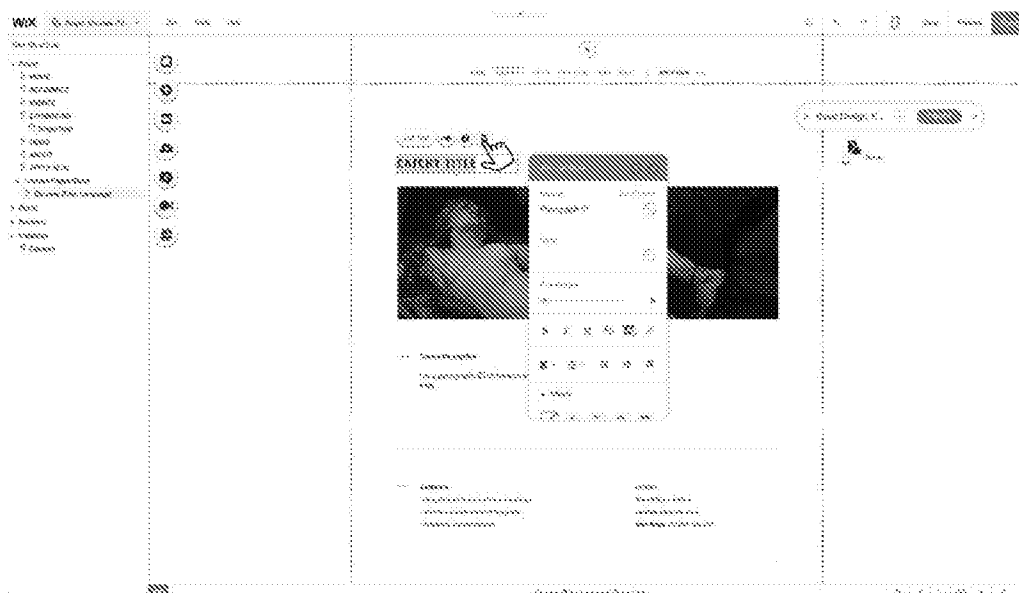
Narration: Our page is automatically added to the Site Structure sidebar on the left HERE. On this page, we have two new tools. First, we have the dynamic page dataset, which connects this page to our Courses collection. We can move the dataset component anywhere on the page. It won't appear on the published website.



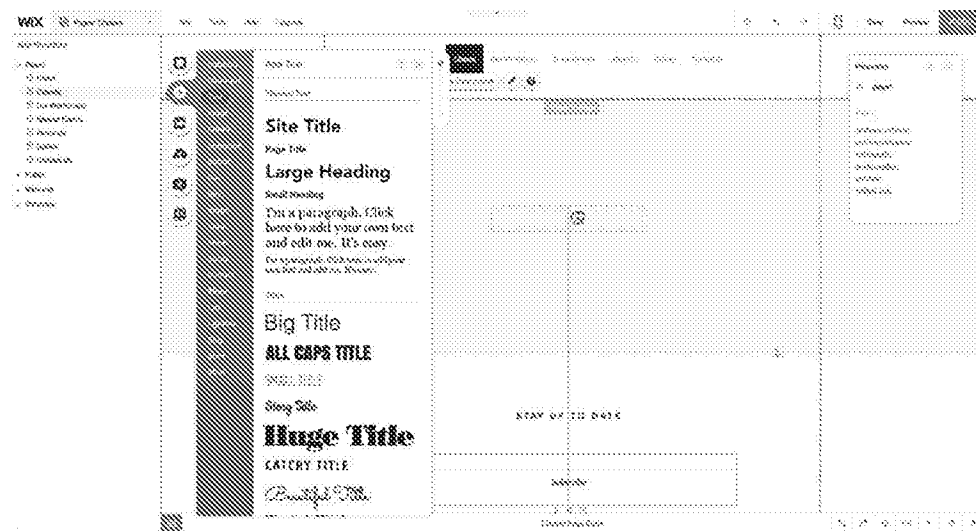
Narration: The second tool is the Preview panel HERE. This is where we can easily access and preview how each item in our course collection will appear on the dynamic pages.



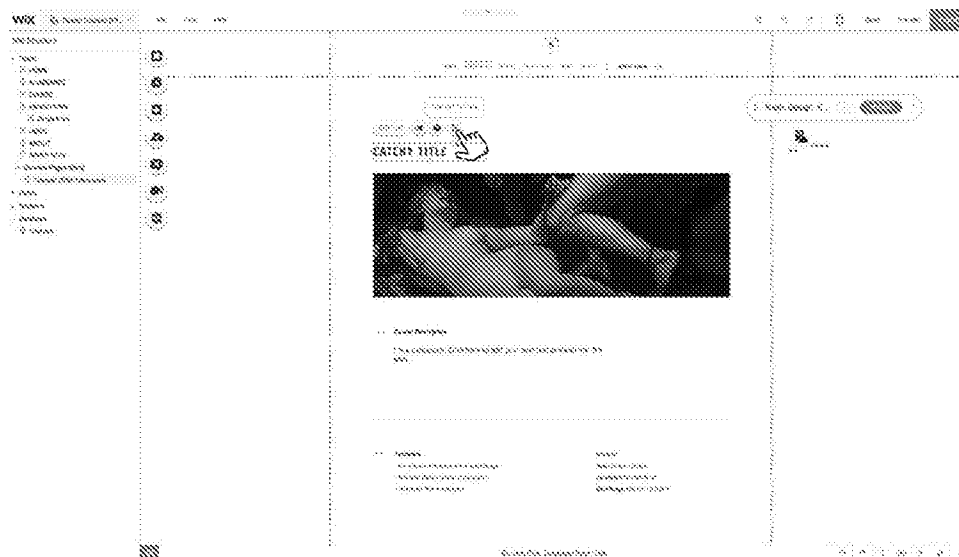
Narration: Since we already have our course information stored in our collection, we can start designing the dynamic page. In the **Editor**, click **Add**, then **Text** and drag a textbox onto the page.



Narration: Then, click **Add** and drag and drop an **Image** onto the page. The image and textboxes are all placeholders that will be replaced with the content in our collection, so we can use anything.



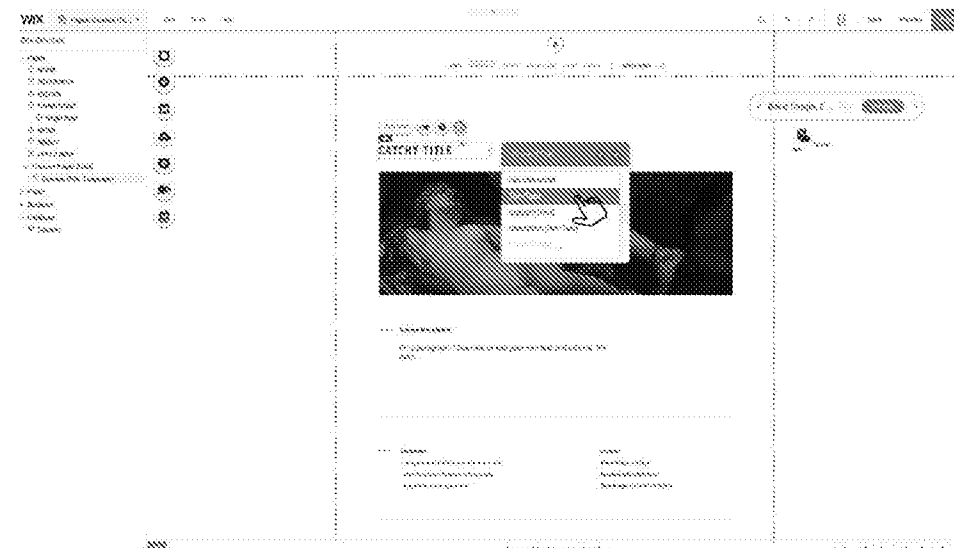
Narration: Once our page is designed, we need to connect each element to the dataset. Let's start with the title. Click on the **Title text box** and then the **Connect to Data** icon.



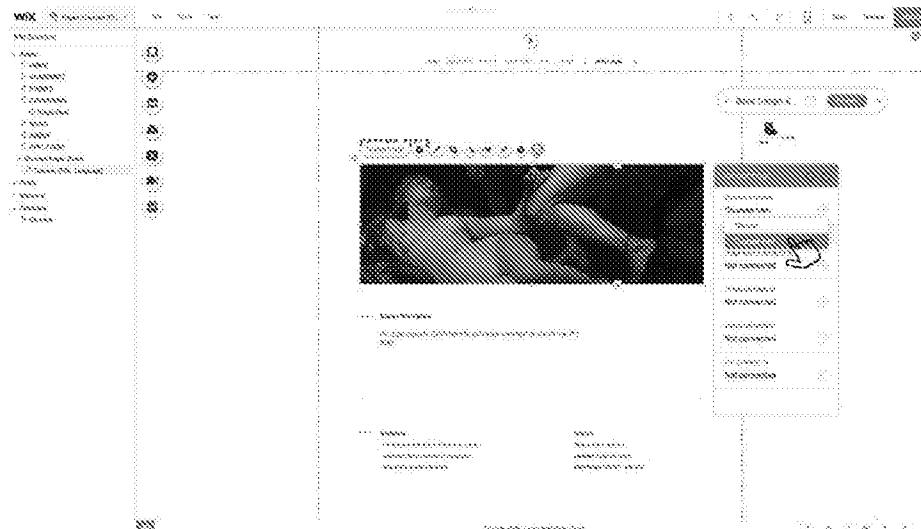
Narration: The **Courses Item** dataset is automatically selected because it's the only dataset on this page.



Narration: Under **Text** connects to choose **Title**. This connects the title text box on our web page to the Title field in our course collection.



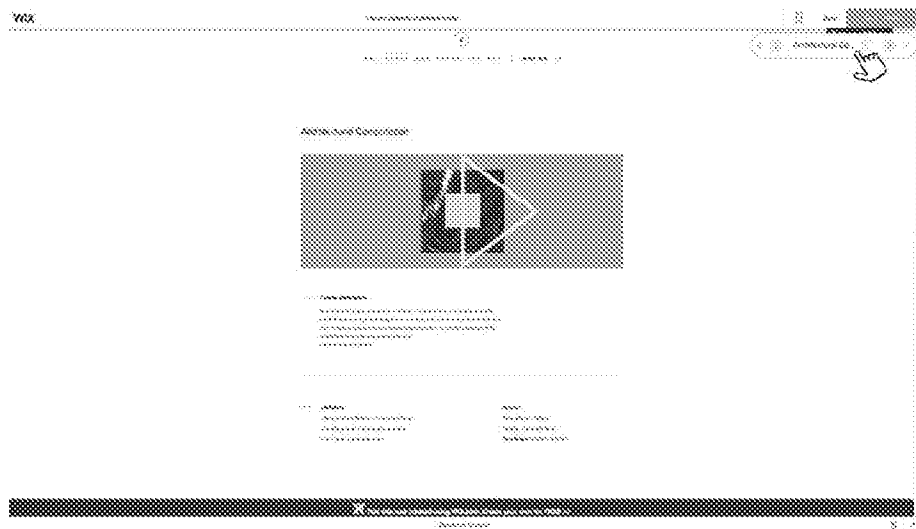
Narration: Now, connect the image. Click on it and choose **Connect to Data**. Again, the **Courses** item dataset is selected. Under **Image source connects to**, connect the image to the **Image** field.



Narration: Connect all of the elements on the page to the fields in the courses collection in the same way.



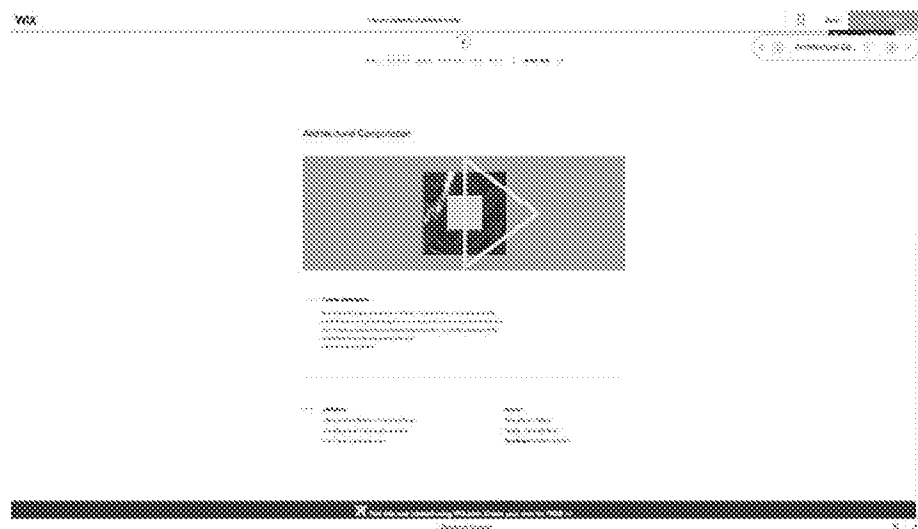
Narration: **Preview** the page to see how it will look to visitors. We can switch between pages using the arrows HERE. Every course page has its own unique title, image and text.



Narration: Return to the Editor and click **Publish**. This will create the Courses collection in our **Live Database**.



Narration: In order for this collection to go live and for visitors to view, we need to **Sync it to Live**. We can only do this after we've published our site. To **Sync to Live**, return to the **database** collection.



Narration: Here, we' working on the courses collection in the Sandbox Database. Any content here is visible only when we're in Preview mode. Content in the Live Database is what our visitors can see when our site is published.

[illegible]

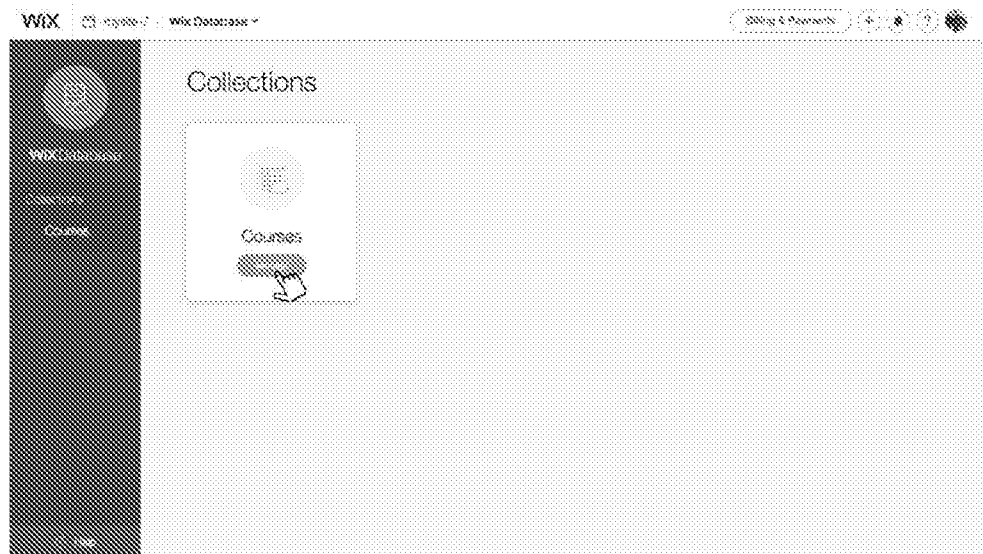
Narration: Now, to copy these items from our **Sandbox** to the Live Database, click **Sync HERE** and select **Copy all items to live**.

The screenshot shows the Veeva CRM interface with a list of items in the 'Sandbox' environment. The 'Sync' button is highlighted with a red box in the top right corner of the table area. The table has columns for 'Name', 'Status', 'Type', 'Date', 'Owner', 'Group', and 'Version'. The items listed include various data elements and their associated metadata.

Narration: Then, click **Edit Live Database HERE**.

The screenshot shows the Veeva CRM interface with a list of items in the 'Live Database' environment. The 'Edit Live Database' button is highlighted with a red box in the top right corner of the table area. The table has columns for 'Name', 'Status', 'Type', 'Date', 'Owner', 'Group', and 'Version'. The items listed include various data elements and their associated metadata.

Narration: A new window will open. From here, we can view and manage our collections. Select **Courses** and click **Manage**.

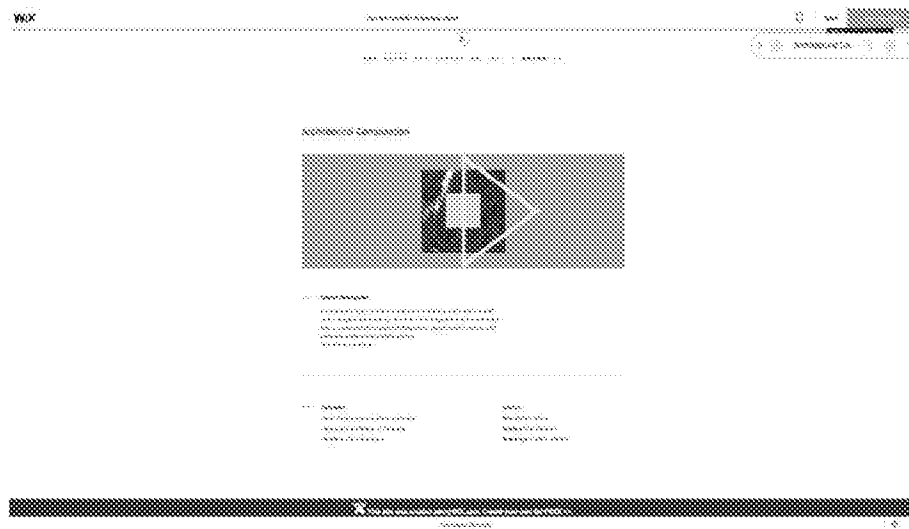


Narration: We'll check to make sure that all of the content in the courses collection from the Sandbox Database also appears in the Live Database.

The screenshot shows the 'Courses' collection page in the Wix Database. It features a table with 19 rows of course data. The table has columns for 'Title', 'Description', 'Image', 'Learning Language', and 'Duration'. A hand cursor is hovering over the first row, which is 'Greek Baking'.

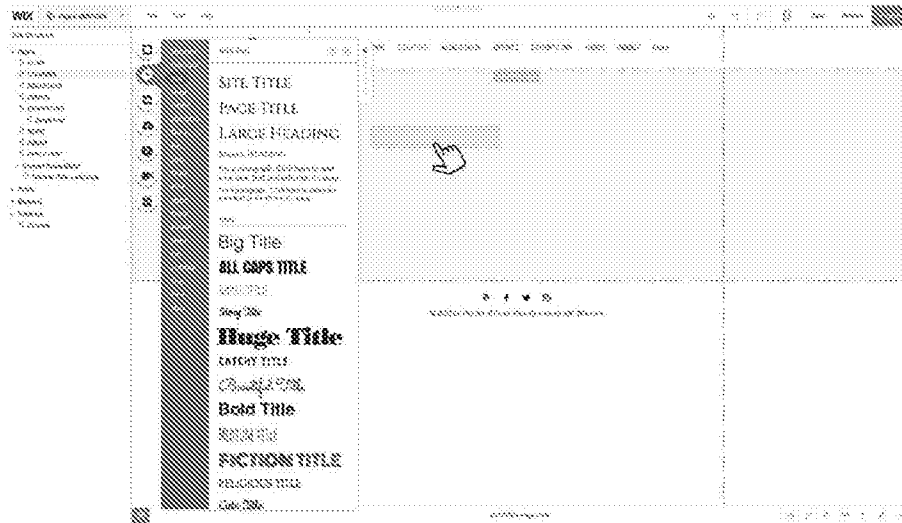
	Title	Description	Image	Learning Language	Duration
1	Greek Baking				
2	Modern Communications				
3	Hydroponics				
4	Printing & Design				
5	Screenwriting				
6	Print Design with InDesign				
7	Introduction to Motion Design				
8	Pattern Drawing				
9	Modern Design				
10	Introduction to 3D Printing				
11	How to Web Design				
12	History of Design				
13	History of Cinema				
14	Contemporary Design				
15	Graphic Design				
16	Graphic Design				
17	Graphic Design				
18	Graphic Design				
19	Graphic Design				

Narration: Finally, let's return to our published site. Now, all our visitors can view our course offerings on our site .

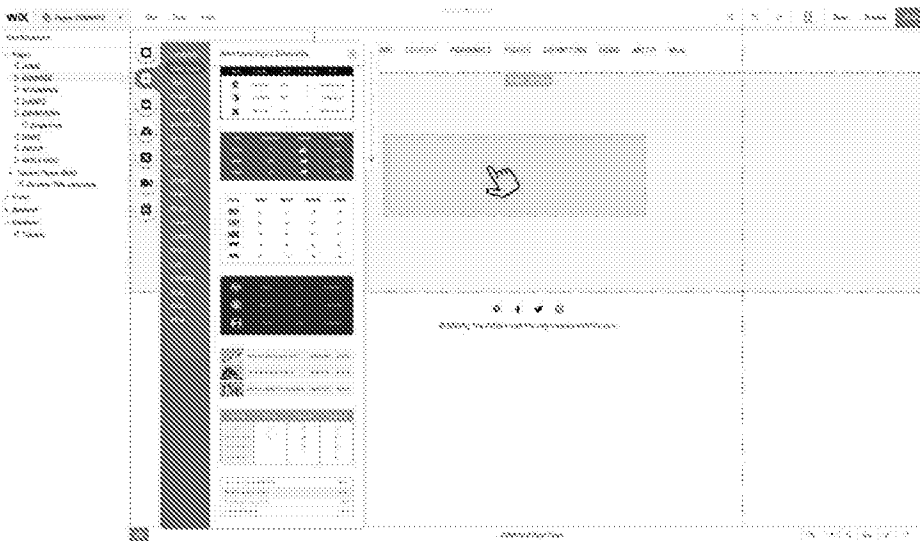


Add an Index Page

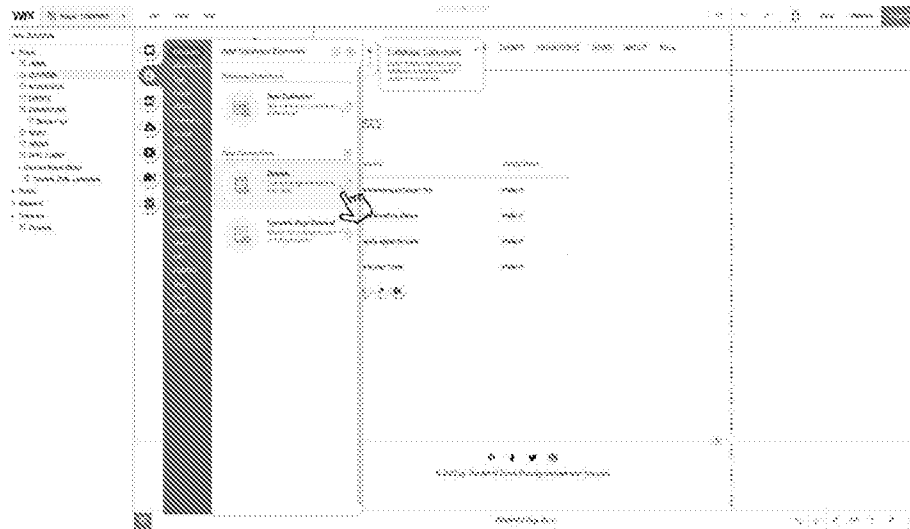
Narration: Now, we can start designing our **Index Page**. Click **Add, Text** and drag a textbox onto the page. Give the page a title so visitors know what this page is about - We'll type **All Courses**.



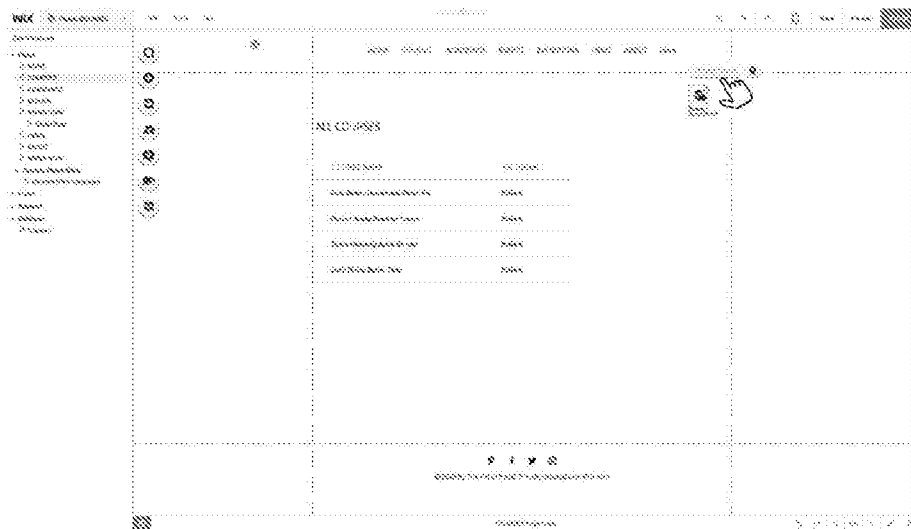
Narration: Now, we can list all of the courses in a table. Click **Add HERE** and **User Input**. Scroll down to see all of the **input** options, like text boxes, radio buttons, drop downs, date pickers and more. In this example, we'll add a **Table**. Drag and drop it onto the page.



Narration: To connect this table with the course information from our collection, we need to add a **Dataset**. Click **Add**, **Database** and choose the add icon next to **Dataset**.



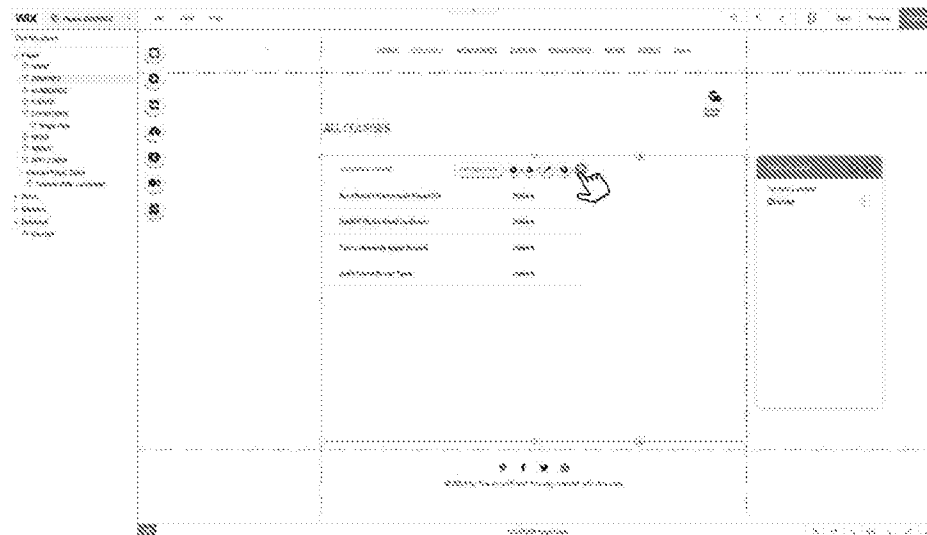
Narration: The **Dataset** component will appear. Remember site visitors won't be able to see this, so we can move it anywhere on the page. Click **Manage Dataset**.



Narration: From the Dataset Settings, click the dropdown button next to **Connect a Collection**. We'll choose a collection to connect the table to, in this example - **Courses**.



Narration: Select the **table** and click **Connect to Data**. Under **Connect a dataset**, choose **Courses dataset**.



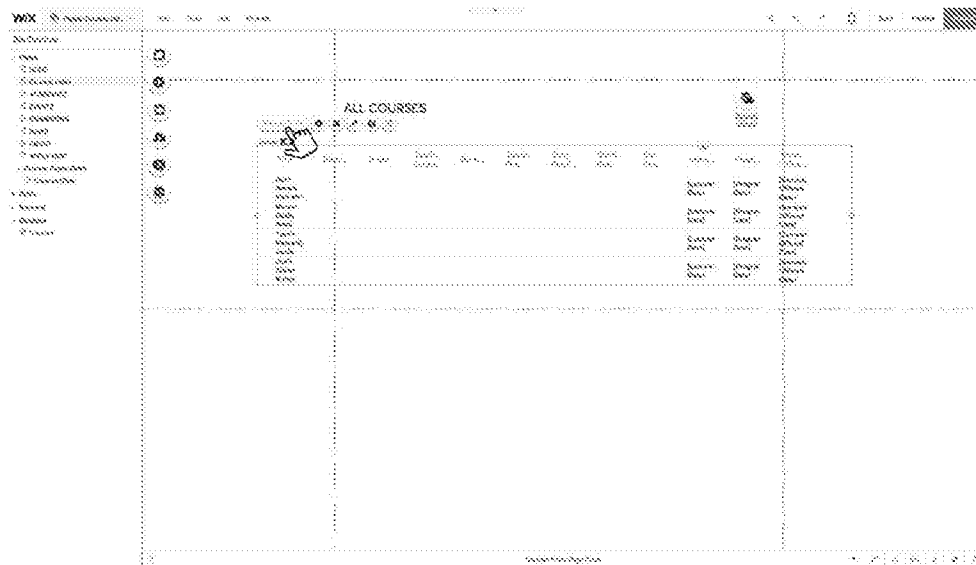
Narration: Everything in the table will automatically update with the fields from our courses collection.

[illegible]

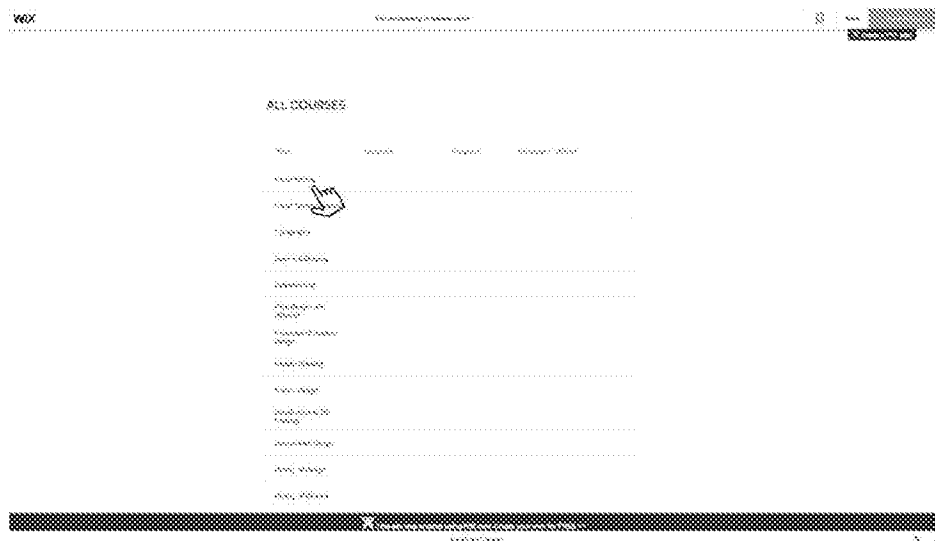
Narration: We can control the information we want to display in the table from our collection. In this example, we only want to show four columns: Title, Lecturers, Program and Semesters Offered. So, we'll disconnect the other fields from the dataset.

The screenshot shows the Canvas LMS interface. On the left is a sidebar with navigation links: Home, Dashboard, Modules, Assignments, and more. The main area is titled 'ALL COURSES' and contains a table of courses. A 'Course Card' modal is open on the right, displaying details for a specific course. The modal has three main sections: 'Course Overview', 'Course Details', and 'Course Actions'. In the 'Course Actions' section, a red arrow points to the 'Add Course' button.

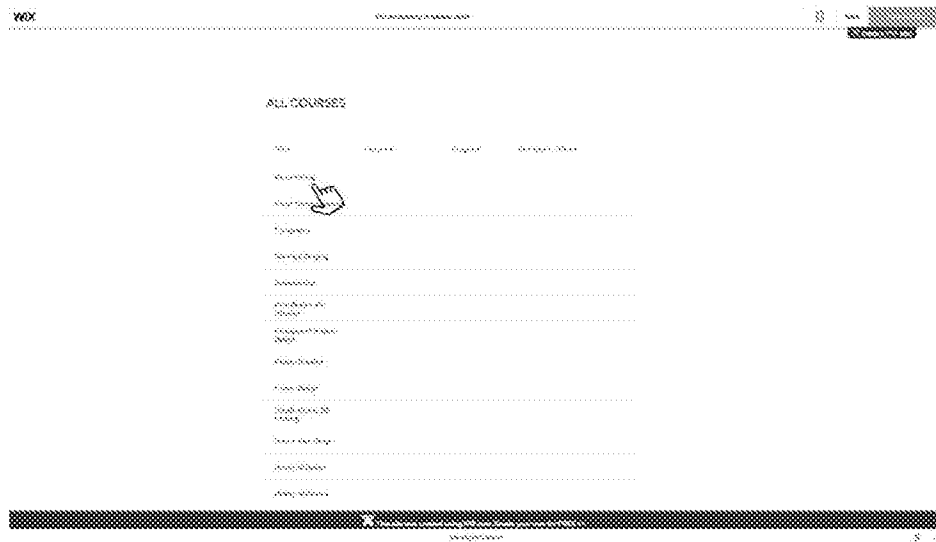
Narration: Lastly, we can customize the design, layouts, links and more of our table HERE. For help, we can click on the question mark icon.



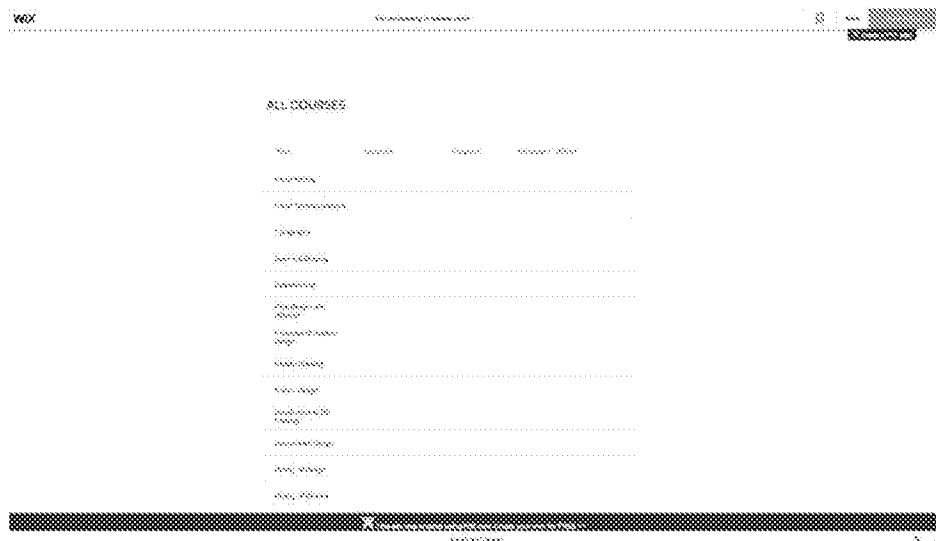
Narration: Click **Preview**. Select a course to view the dynamic item page.



Narration: Now, we'll Publish the site HERE. And repeat the same process as before and **Sync the database collection to Live.**

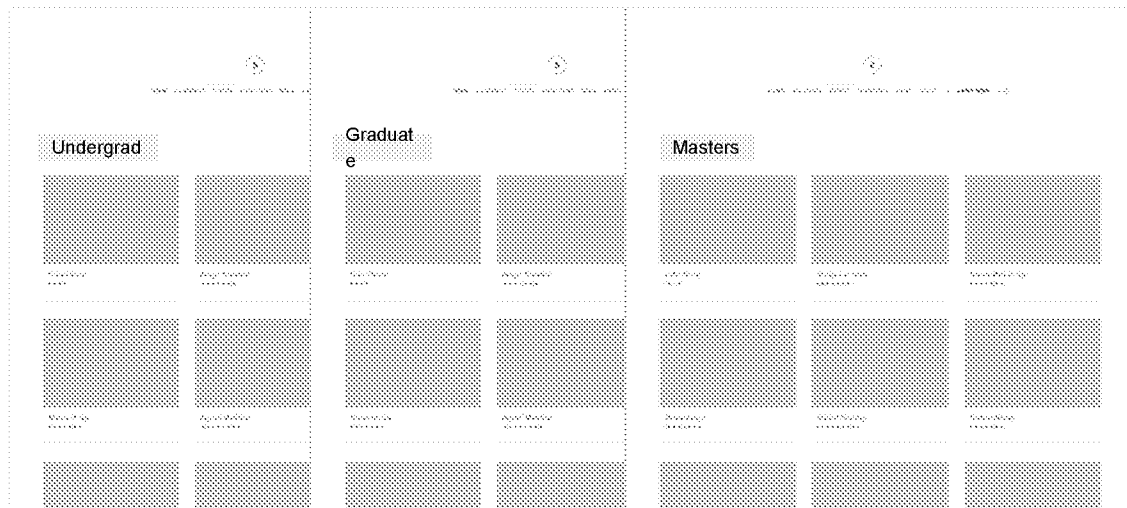


Narration: All of our courses appear on the published website for students to view.

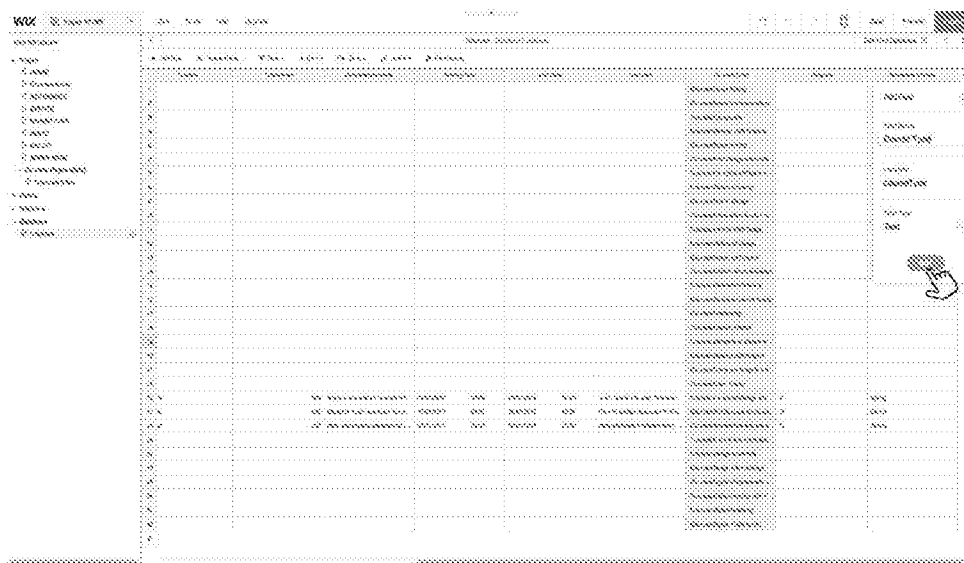


Add a Dynamic Category Page

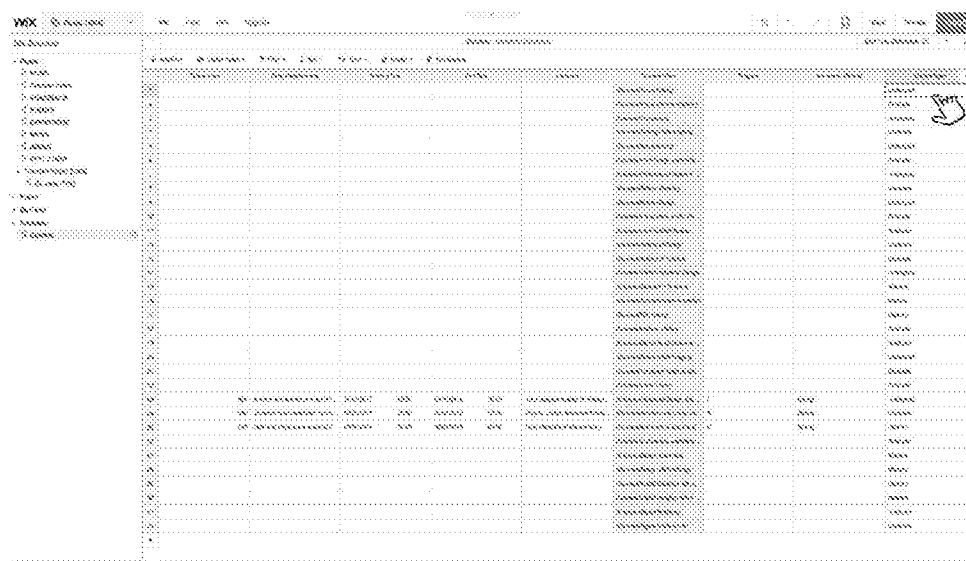
Narration: We want to create categories for our design school courses. This will make it easier for students to find what they're looking for. In this example, we'll group our collection into 3 categories: Undergrad, Graduate and Masters.



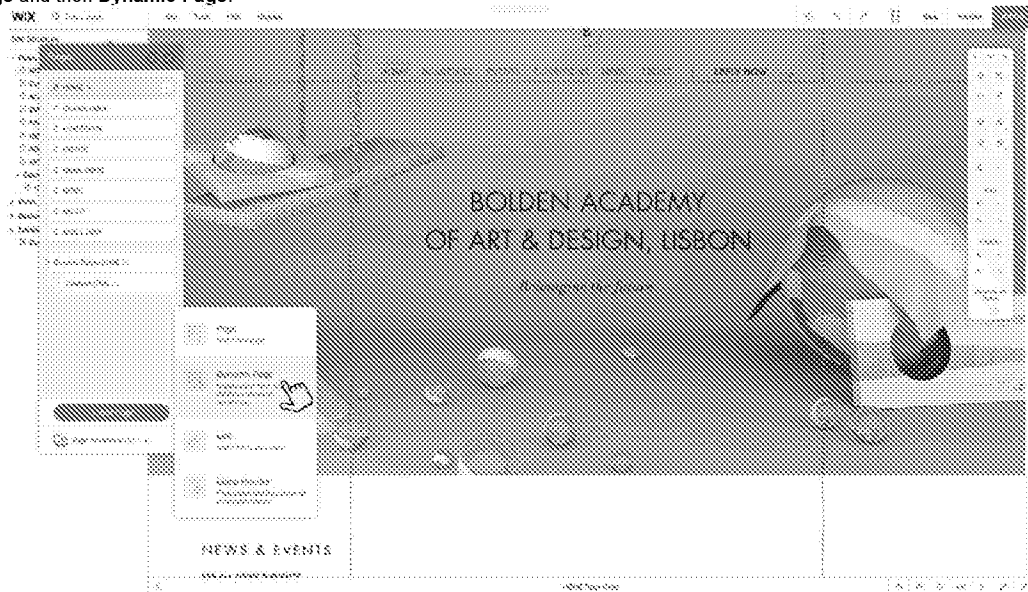
Narration: In **Site Structure** sidebar HERE, go to **Database** and select **Courses**. Add a new field for **Courses (Degrees)**.



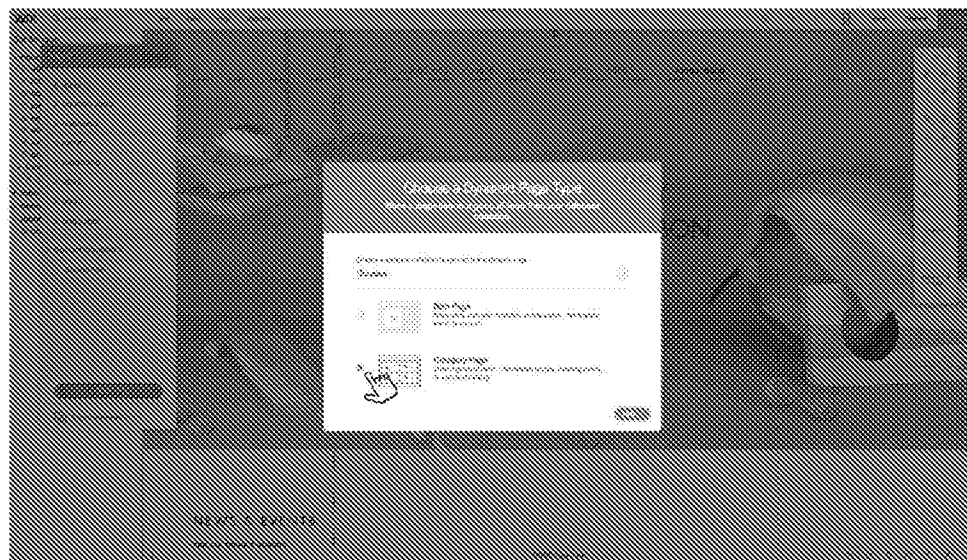
Narration: We'll enter a label for each of our courses - Undergrad, Graduate or Masters.



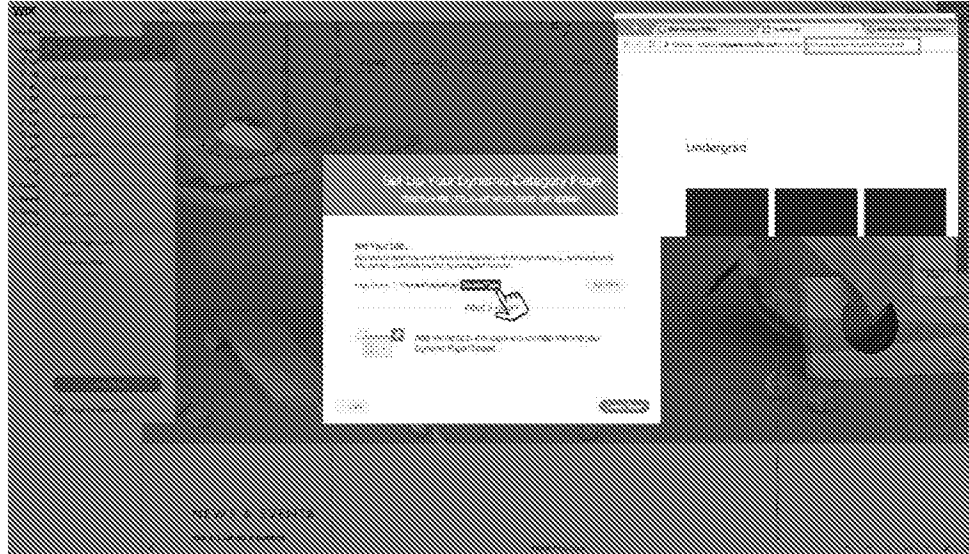
Narration: Next, we'll add a new dynamic page so we can display the courses by category. In the **Editor**, click the **Pages** menu, **Add Page** and then **Dynamic Page**.



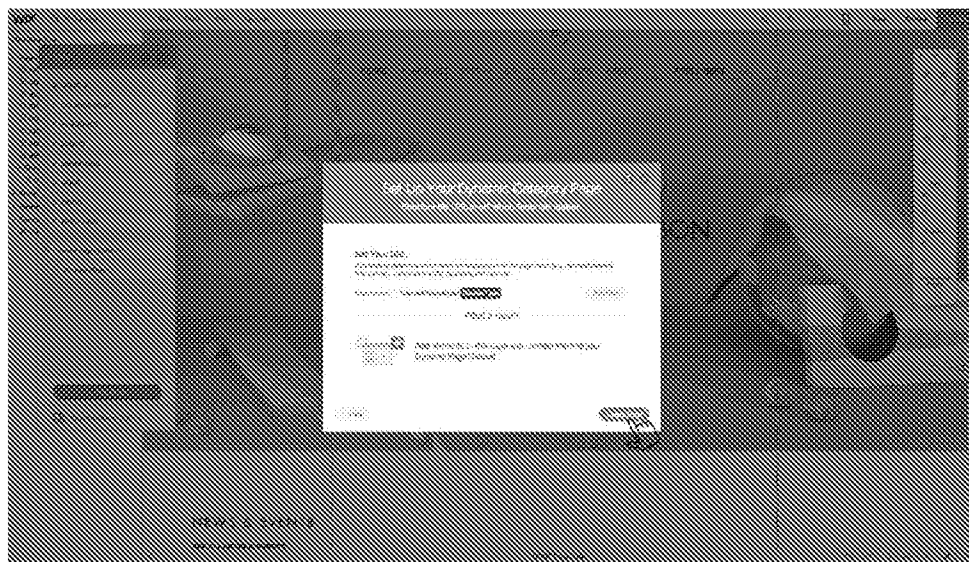
Narration: Choose the collection - Courses - and select **Category Page**. Click **Next**.



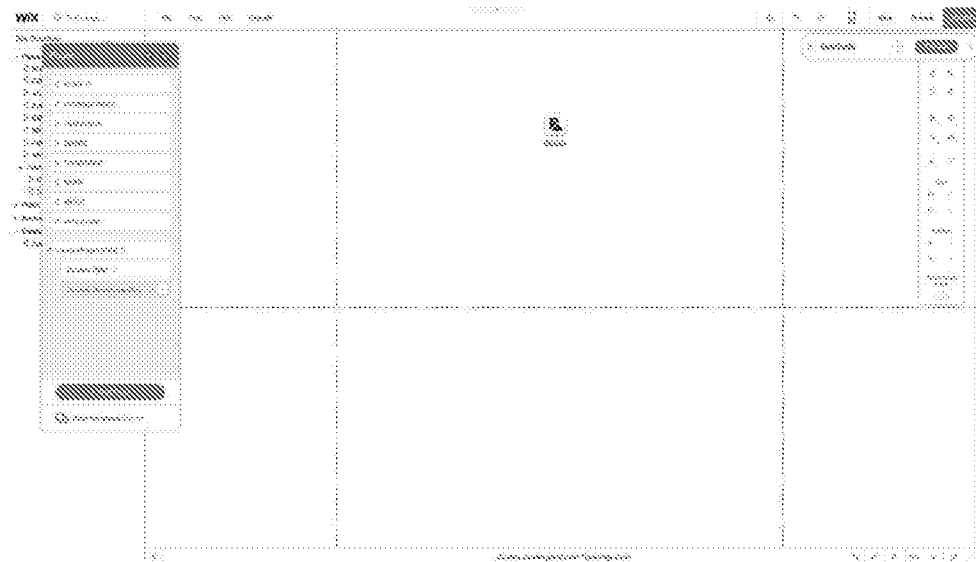
Narration: We want the URL for this Category Page to indicate which **Course-Type** - Undergrad, Graduate or Masters. Right now, it's set to Courses. We'll add a slash and enter **Course-Type**. Next, click **Add Field** and choose the field with the same name - In this example, Courses (Type).



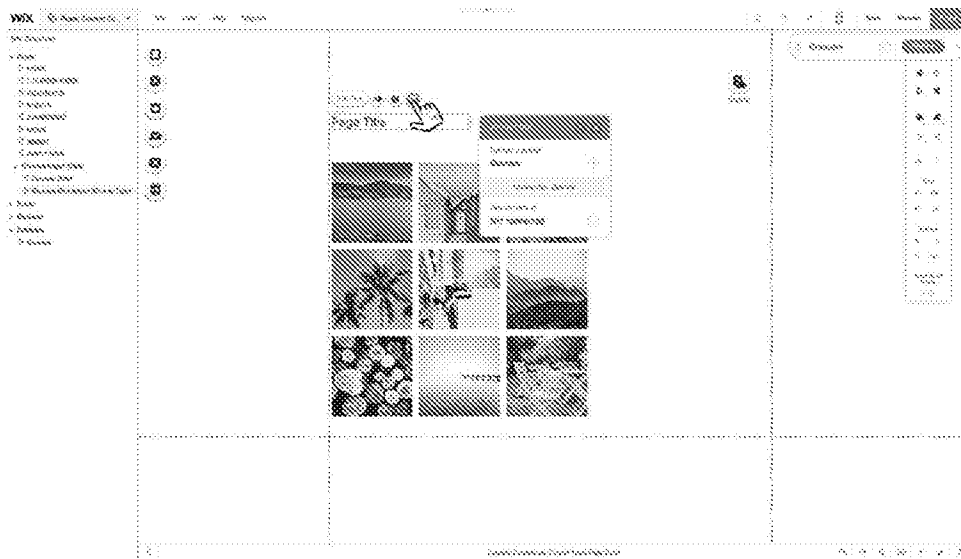
Narration: Click **Create Page**.



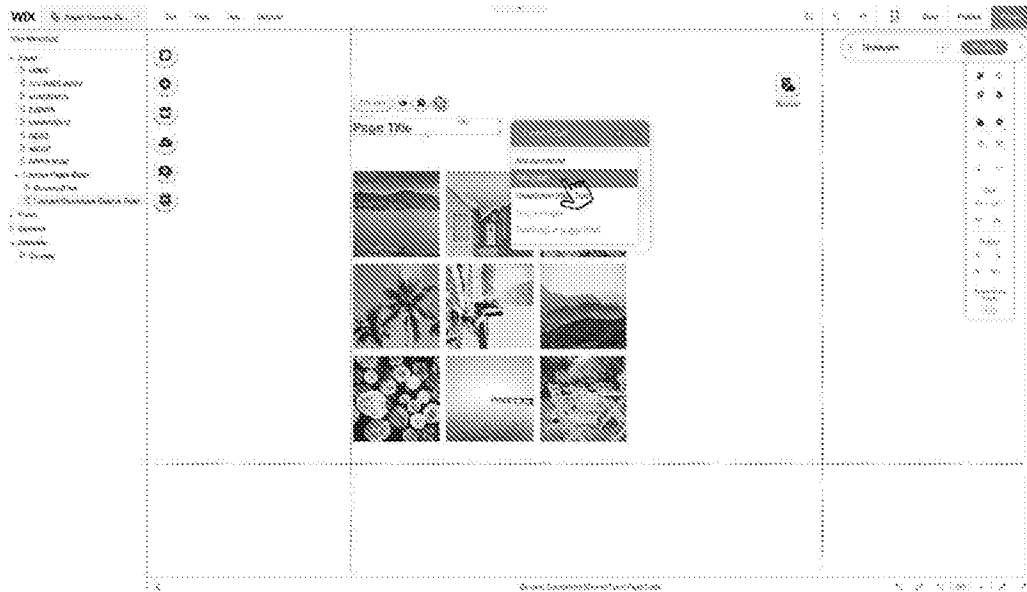
Narration: A new page will appear with its own dataset. We can find this page in the **Pages** menu in the **Editor** and within **Site Structure** sidebar **HERE**.



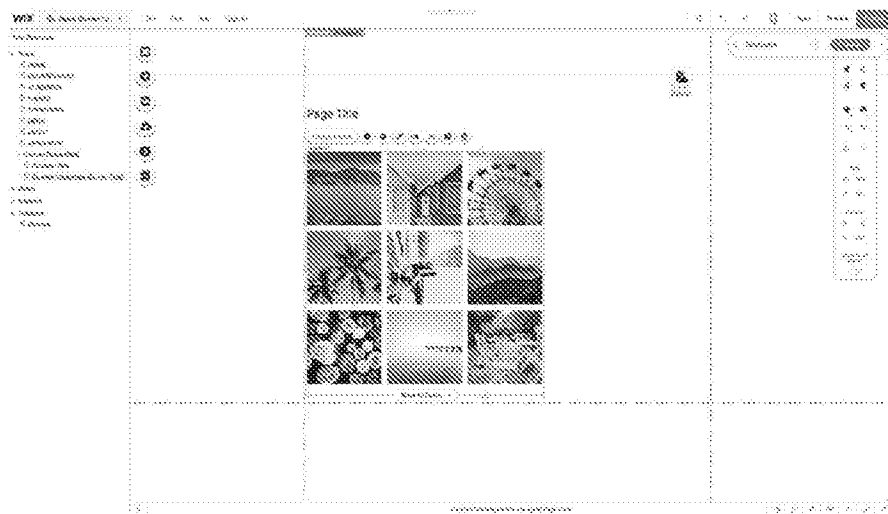
Narration: Now, we can start designing our dynamic category page. In the **Editor**, click **Add, Text** and drag a textbox onto the page. Select the textbox and click the **Connect to Data** icon.



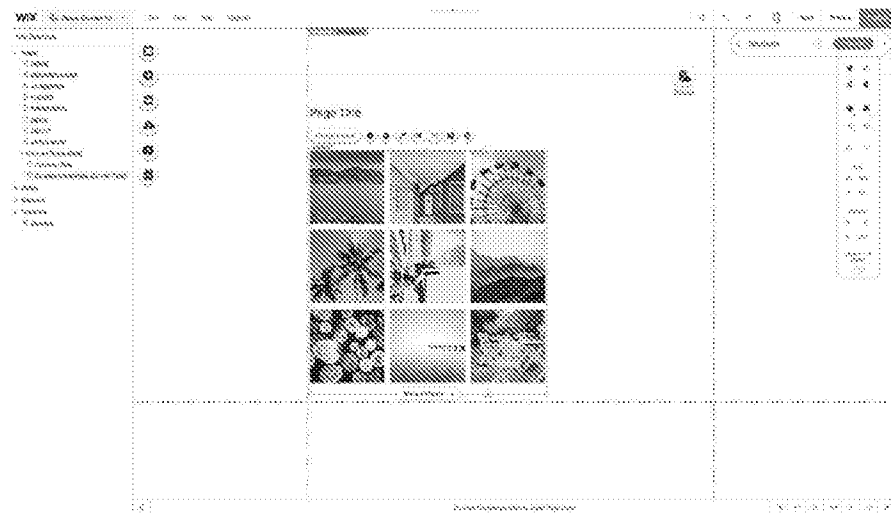
Narration: Under **Text connects to**, we'll choose the field we're using to categorize content. In this example, **Course-Type**.



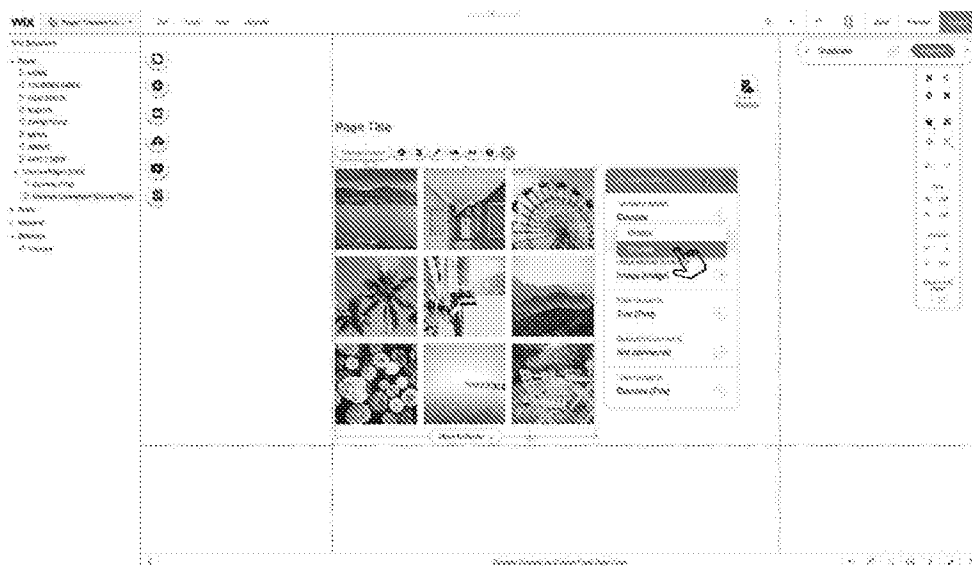
Narration: Now let's add a grid gallery to display our courses. Click **Add, Gallery** and drag and drop the gallery onto the page.



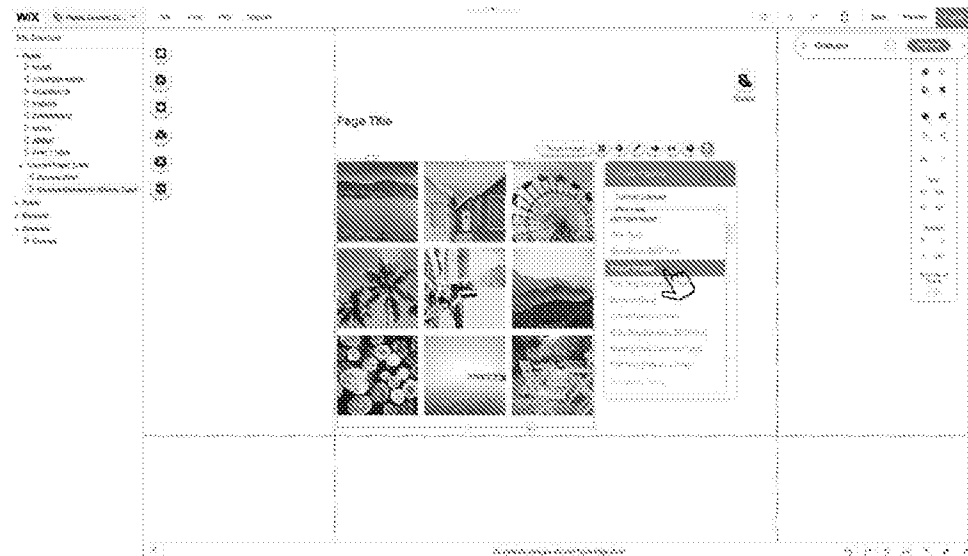
Narration: Connect the gallery to the dataset and to the images field in the courses collection. Now the images from the collection will appear on each dynamic page.



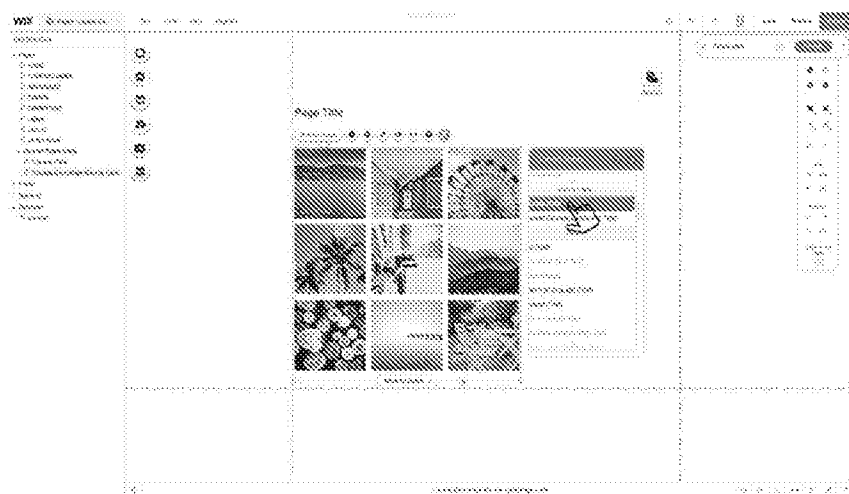
Narration: To connect the dataset, click **Connect to Data HERE**. The **Courses** dataset is automatically selected.



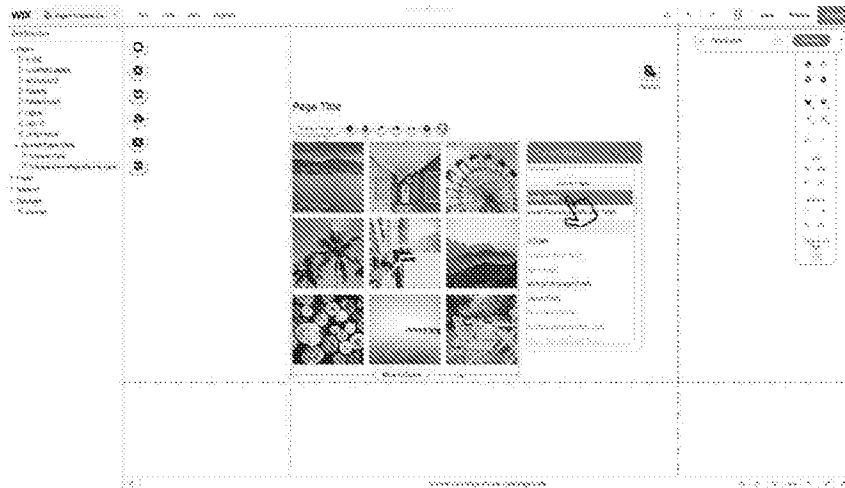
Narration: Under **Connection Options**, connect the gallery to the fields in the courses collection.



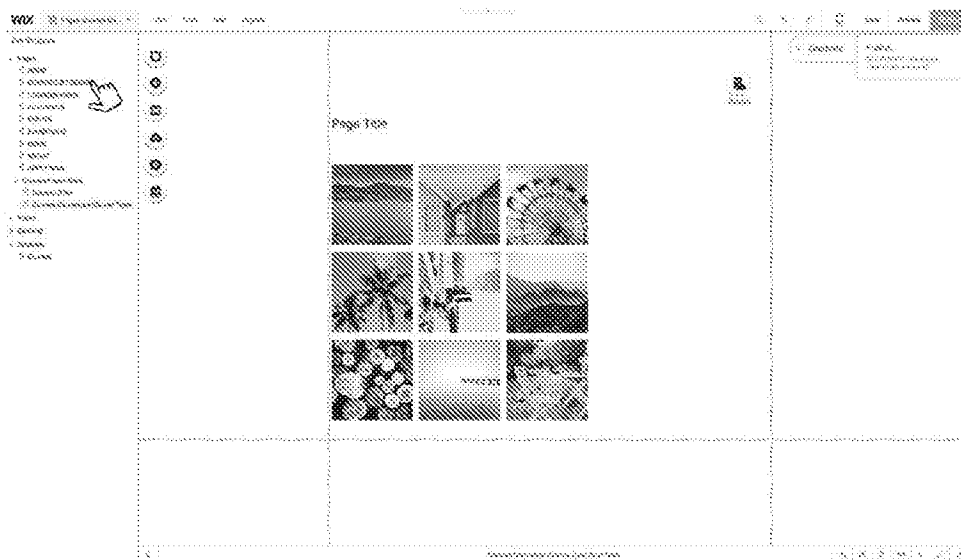
Narration: Next, we need to link the images in the gallery to the dynamic item page. So under **Links connect to**, choose the **Item** page and **Courses**.



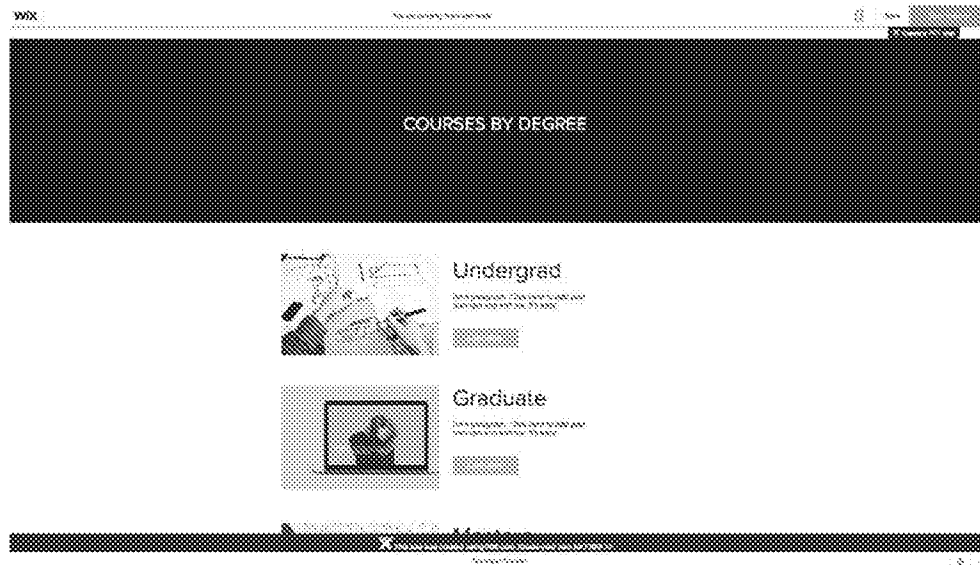
Narration: And if we want, we can change the look and feel of the gallery by clicking on the design icon, then selecting Customize Design.



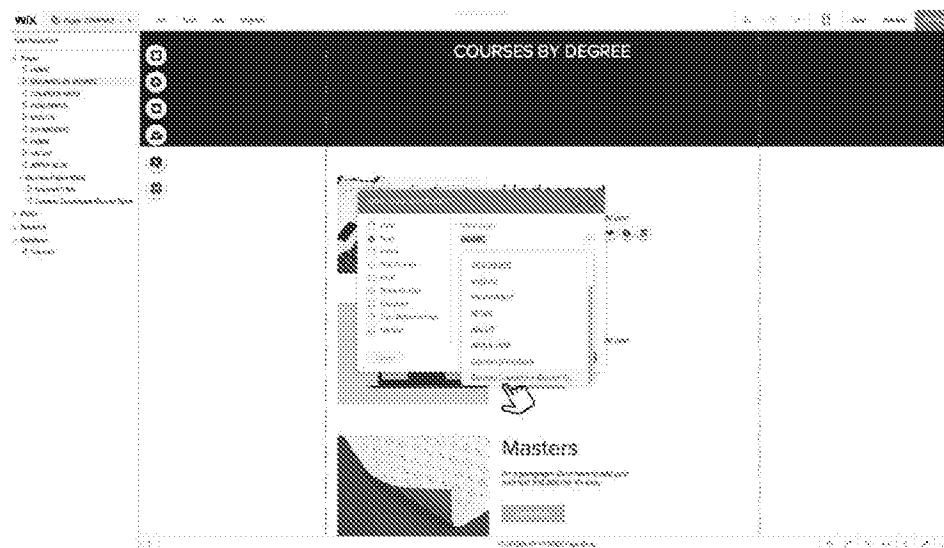
Narration: Now, we need a way for students to get to this page. We created and designed another page in the Editor called **Courses by Degree**.



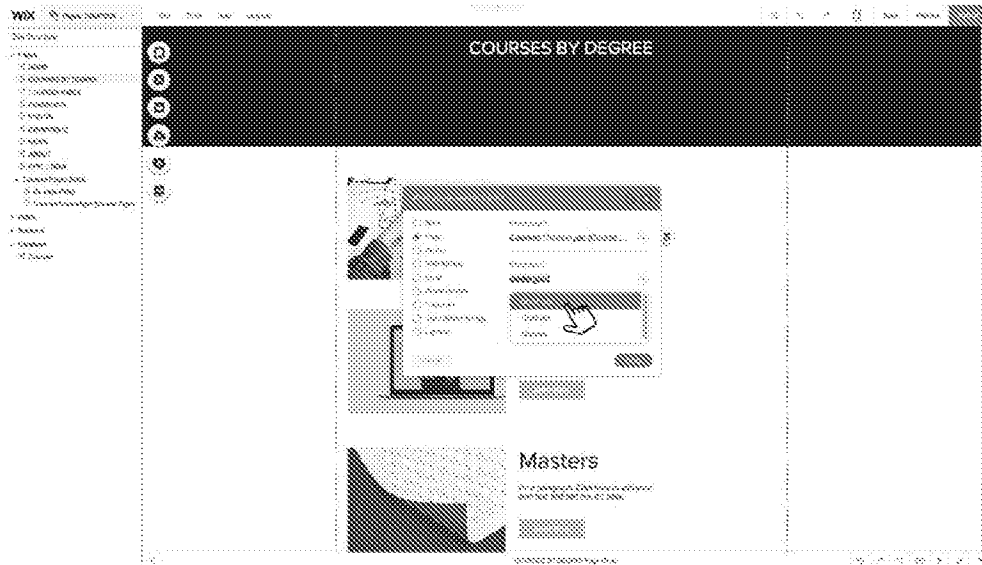
Narration: This page allows students to access and select course categories.



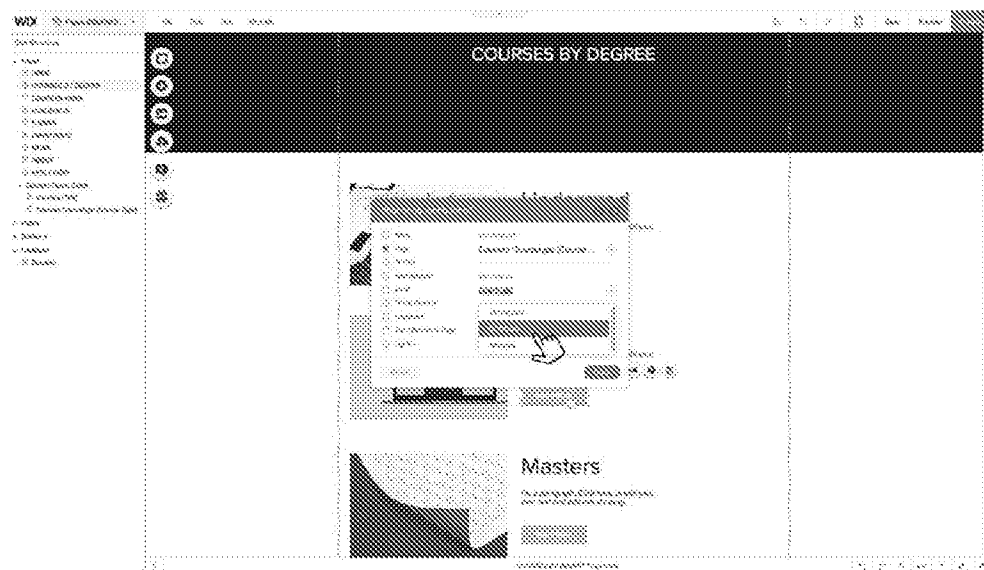
Narration: We then need to connect the new page to the dynamic category page. Click on a button and then the **link icon**. Select the **Page radio button** and choose **Courses Category** from the dropdown menu.



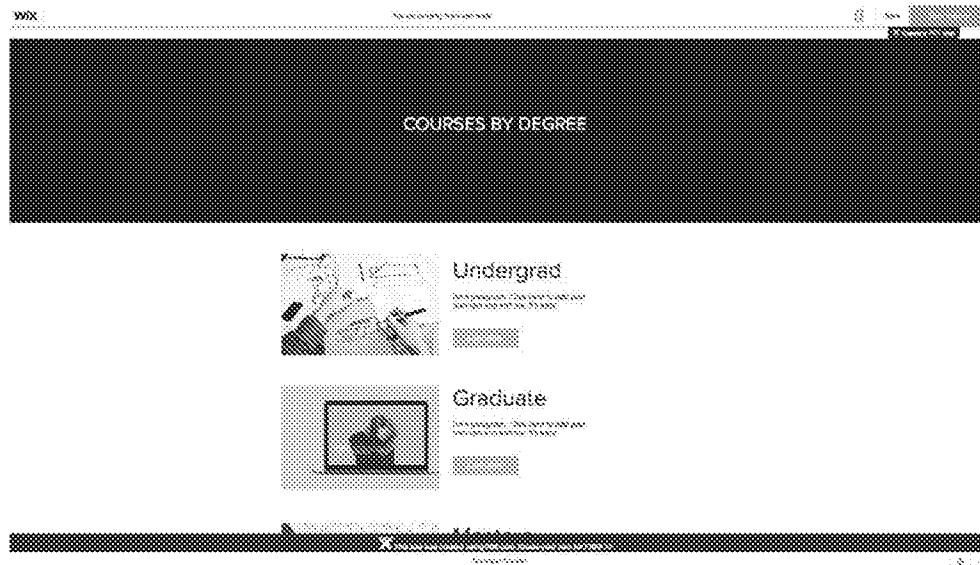
Narration: Choose the category to link to, like **Undergrad**.



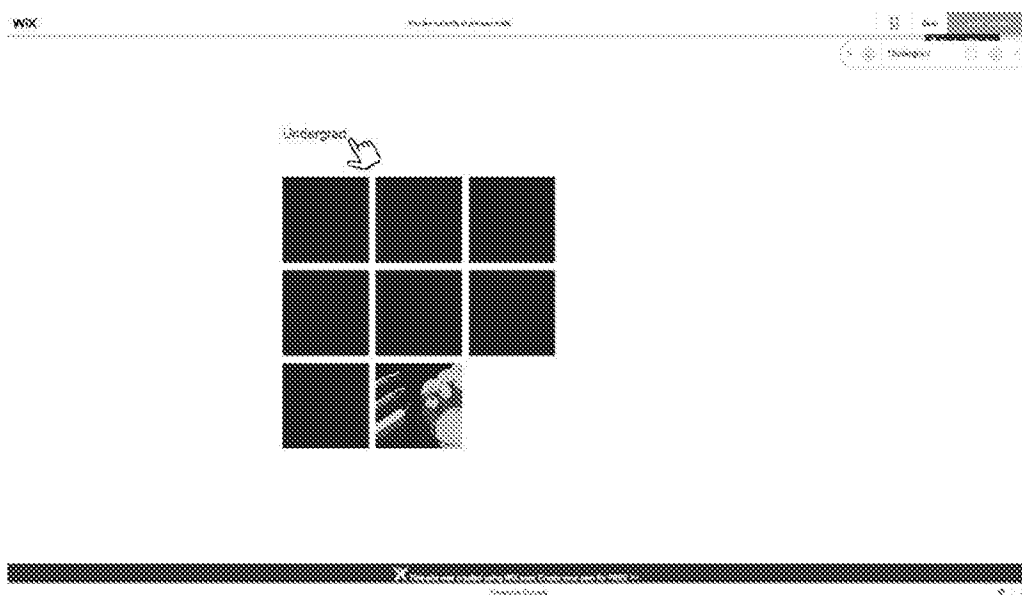
Narration: We'll link the remaining buttons in the same way.



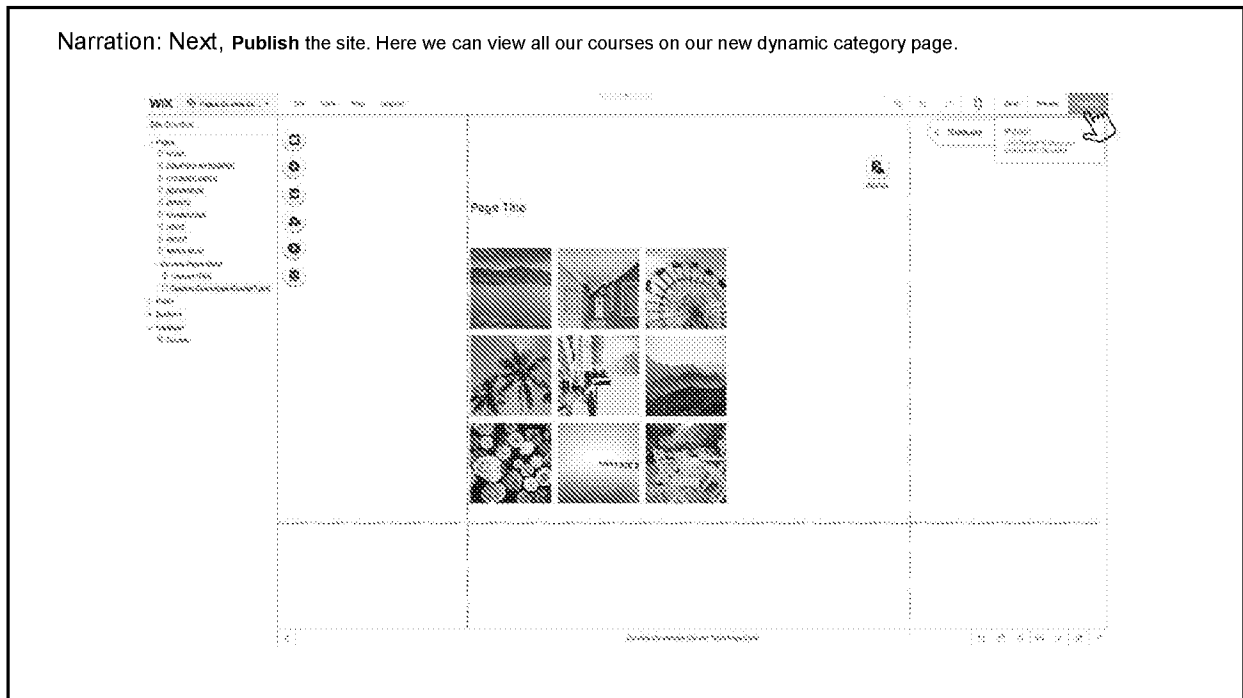
Narration: Now, **Preview** the page to see that the links work how we want. Let's try "Undergrad"



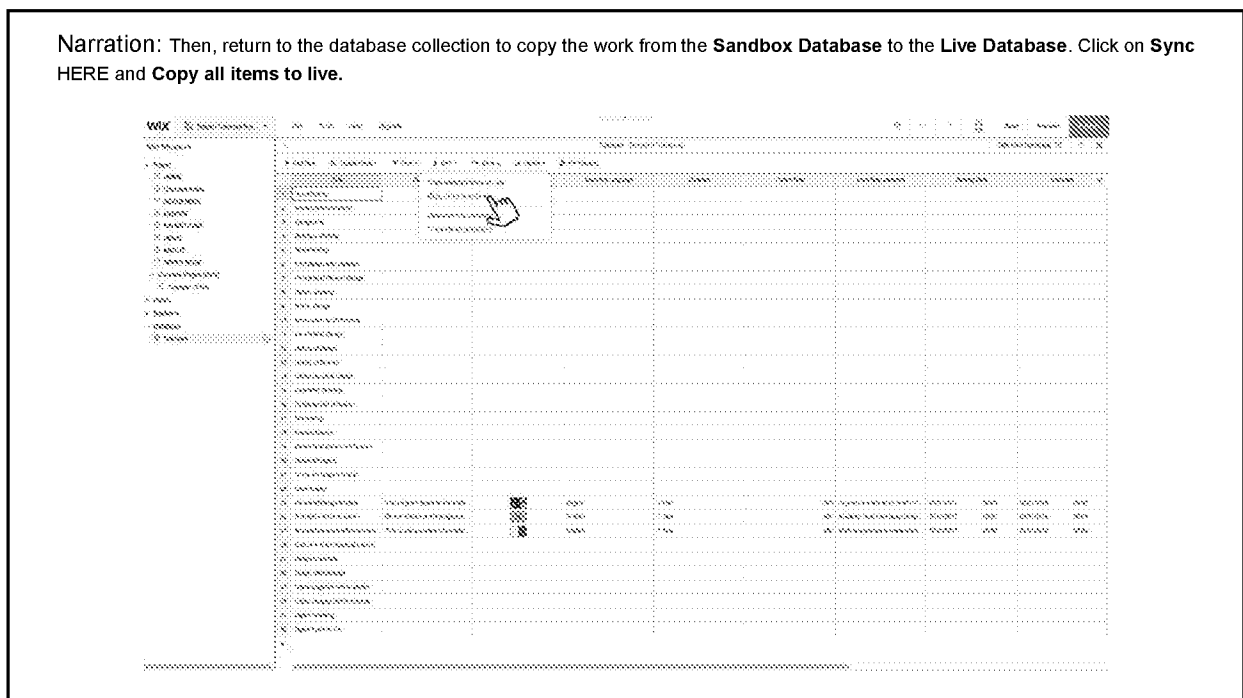
Narration: The link takes us directly to the **Undergrad** category page.



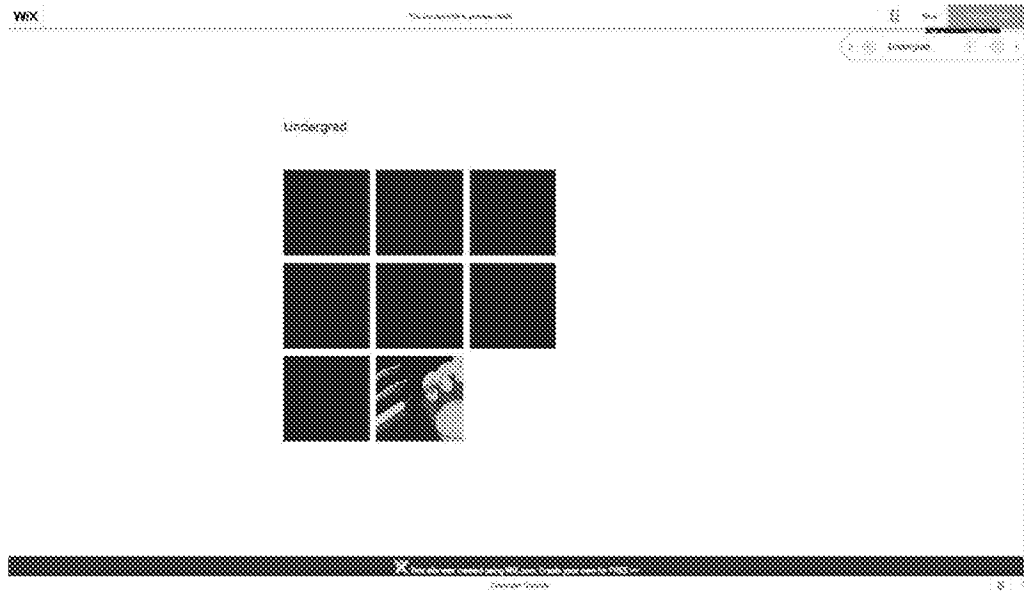
Narration: Next, **Publish** the site. Here we can view all our courses on our new dynamic category page.



Narration: Then, return to the database collection to copy the work from the **Sandbox Database** to the **Live Database**. Click on **Sync HERE** and **Copy all items to live**.



Narration: Our dynamic category page is ready for students to view courses by degree level.



Narration: Now you're ready. This video is always here, so come back and watch again for more help. You can also visit our Resources page for tutorials, articles, example code and more.

