



 Recording will  
be on YouTube

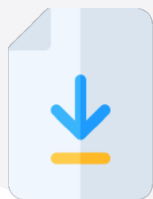
# Welcome to the

## React & Three.js Gallery Workshop!

**Download  
Code & Slides**

[bit.ly/kintone3d](https://bit.ly/kintone3d)

**git clone** the  
GitHub Repo



**Sign up for  
the following**

#1 Developer Account  
[bit.ly/KDP\\_signup](https://bit.ly/KDP_signup)

#2 Kintone Subdomain  
[bit.ly/K\\_DevLic](https://bit.ly/K_DevLic)



**Asking Questions  
& Raising Hands**

Post questions in  
the chat anytime!

Include your code  
& error messages.



**\$25 Gift Card  
Raffle at the End**



# Get Started

First, let's download the [sean-kintone/3D-Kintone-Gallery](https://github.com/sean-kintone/3D-Kintone-Gallery) Repo and go inside the folder.

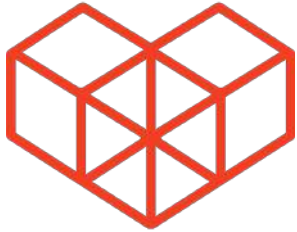
Once you are inside the folder, let's install the dependencies!

```
cd Downloads  
  
git clone https://github.com/sean-kintone/3D-Kintone-Gallery  
  
cd 3D-Kintone-Gallery  
  
npm install  
  
npm install -g @kintone/customize-uploader
```

Run these commands  
from your terminal

We will use this repo as  
the starting point

# #1 - Sign Up for Developer Account



[bit.ly/KDP\\_signup](https://bit.ly/KDP_signup)

⚠ Do NOT use Safari ⚠

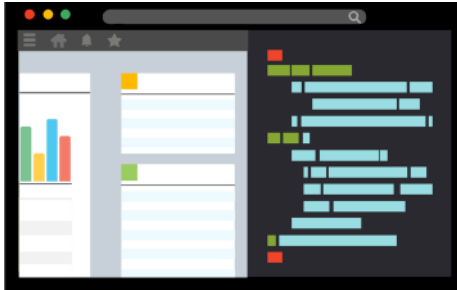
⚡ Accept Cookies First ⚡

✅ Chrome & Firefox works ✅

The screenshot shows the Kintone Developer Program sign-up page. At the top, there's a red header with the Kintone logo and a 'Sign in' link. Below the header is a search bar and a 'Welcome' message. The main content area is titled 'Sign up to Kintone Developer Program' and includes instructions: 'Please fill out this form, and we'll send you a welcome email so you can verify your email address and sign in.' The form has two input fields: 'Your full name \*' and 'Your email \*'. Below these is a reCAPTCHA section with a checkbox labeled 'I'm not a robot' and a 'reCAPTCHA' logo. At the bottom, there is a blue 'Sign up' button and a 'Cancel' link.



## #2 - Create a Kintone Subdomain



[bit.ly/K\\_DevLic](https://bit.ly/K_DevLic)

⚠ No Special Characters ⚠

⚡ Name your Subdomain with only ⚡  
lowercase [a-z], numbers [0-9],  
& hyphens [-]

✅ e.g. weekend-hacker, coffee4life ✅

### Developer License Application Form

First Name\*

Last Name\*

Email\*

Company Name\*

Create your Kintone Developer License subdomain (lowercase, numbers and hyphens only)\*

*For example: mydomain, coffee-lovers*

☐ I agree with the [Kintone Developer License Terms of Service](#)\*

protected by reCAPTCHA





## #2 - Create a Kintone Subdomain

The login name is your email

Remember your subdomain!  
The link to your Kintone account  
will be like this:

**YOUR\_SUBDOMAIN.kintone.com**

**Developer License Application Form**

First Name\*


Last Name\*

Email\*

Company Name\*

Create your Kintone Developer License subdomain (lowercase, numbers and hyphens only)\*  
*For example: mydomain, coffee-lovers*

☐ I agree with the [Kintone Developer License Terms of Service](#)\*

protected by reCAPTCHA 



# When You Need Help 💪

Resources:

- [README's Debugging section](#)
- Posting questions in the chat

**Post questions in the chat  
anytime!**

Please include your code &  
error messages.

```
README.md
```

## Debugging - Let's Fix Those Problems 💪

Here is a rundown of common problems & their solutions!

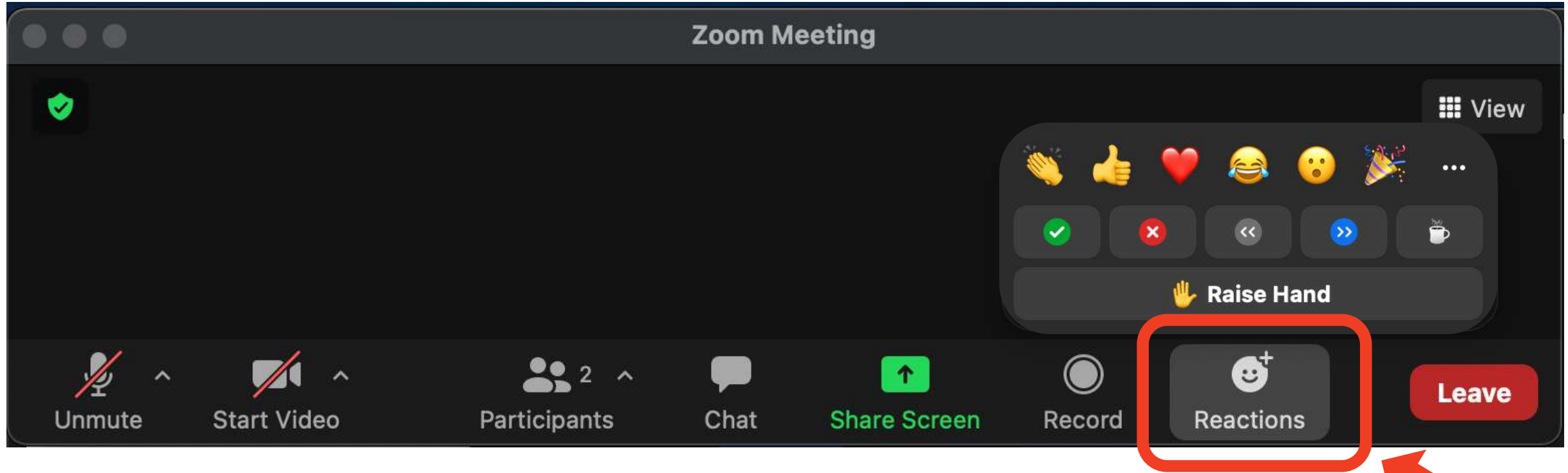
### Errors related to .env

Are you getting one of the following error messages? If you get one of the following error messages, then please verify , and you have not modified the `.env.example`

- Failed to find .env file at default paths:  
`./.env,./.env.js,./.env.json`
- [webpack-cli] Error: Missing environment variable:  
`KINTONE_BASE_URL`
- [webpack-cli] Error: Missing environment variable:  
`KINTONE_USERNAME`
- [webpack-cli] Error: Missing environment variable:  
`KINTONE_PASSWORD`
- [webpack-cli] Error: Missing environment variable: `VIEW_ID`



# Let's Practice using Zoom's Reactions



This helps us know who to look out for throughout this workshop.





# Hello From Kintone

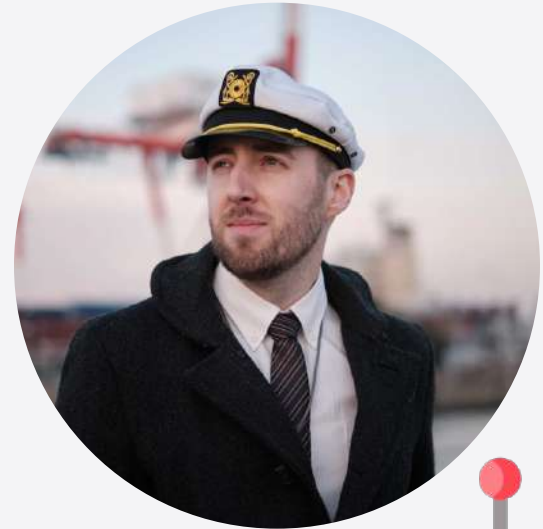
**Nim**



**Genji**

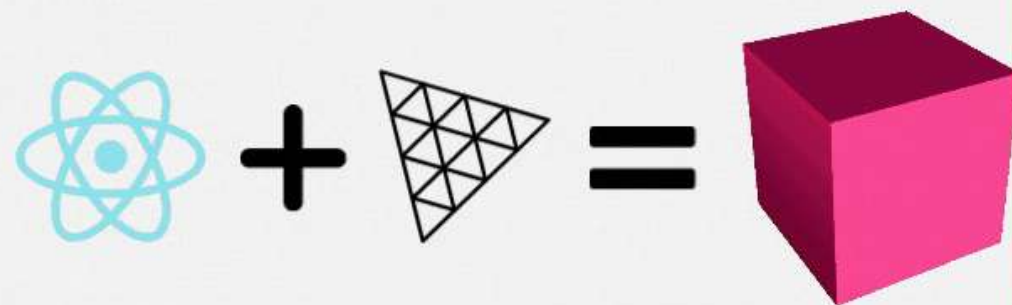


**Sean**





# CREATE A 3D GALLERY WITH REACT, THREE.JS, & KINTONE DATABASE!



What  
We Will  
Make  
Today





# Workshop Overview

## Project Setup

Project Overview  
Install Dependencies  
Configure Settings &  
Variables  
Run Scripts

## Kintone Setup

Create a Web Database  
Create a Custom View

## 3D Gallery Build

Build a Three.js Scene  
Get shape info via API Call  
Display 3D shapes  
Animate and Randomize!





# Three.js Basics

## Scenes

Scenes are the "**universe**" we build in.

It is the 3D space where our objects are placed.

[Creating a scene -  
threejs.org](https://threejs.org/docs/#examples/scene/creating-a-scene)

## Cameras / Lights

Our "**eyes**" in the 3D space.

Without lights, our space will be completely black.

Without cameras, we can not see the scene!

[PerspectiveCamera -  
threejs.org](https://threejs.org/docs/#examples/camera/perspective-camera)

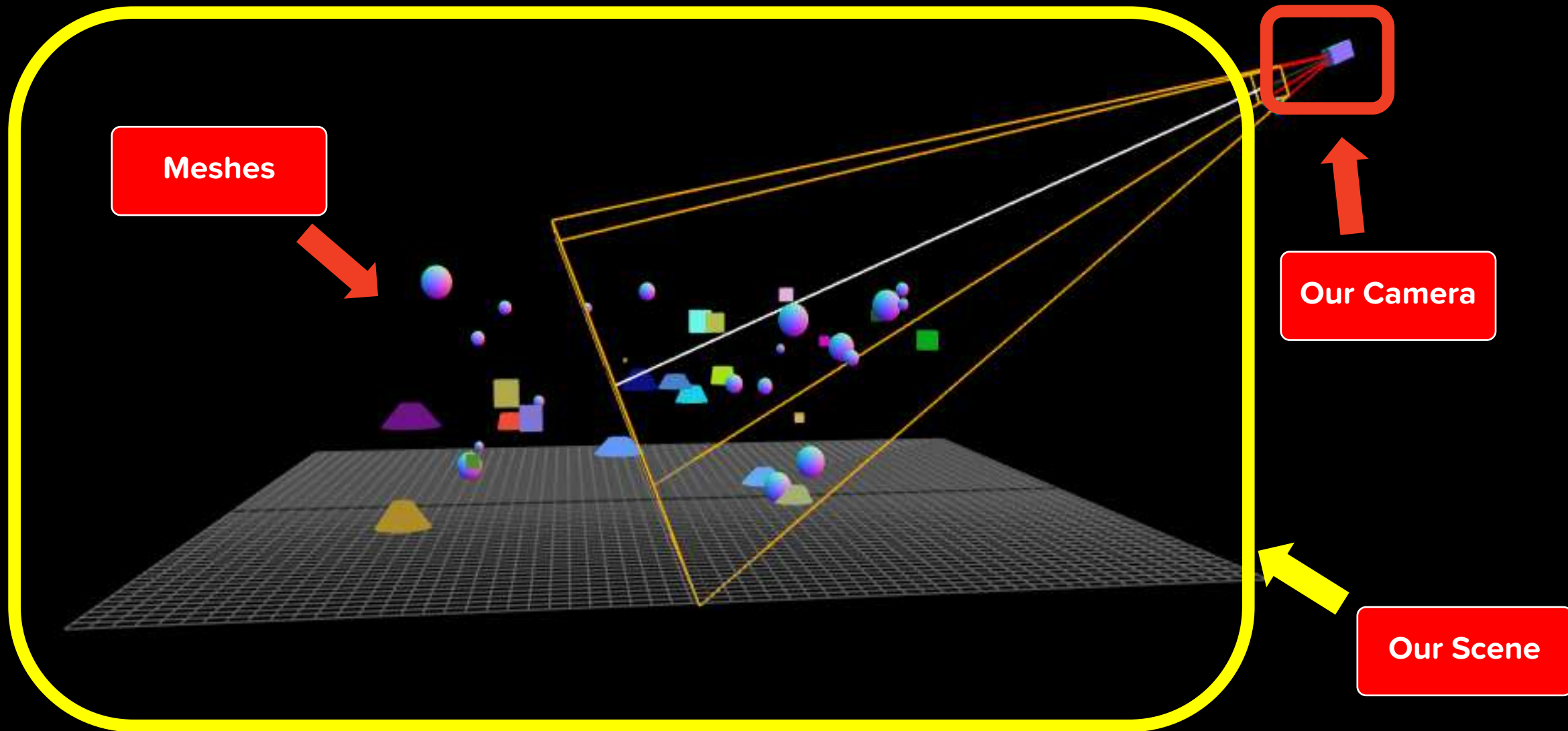
## Meshes

Basic shapes in our 3D space.

"**Meshes**" have two parts:

1. Geometry: length, width... {Invisible}
2. Material - aka the "skin" around the geometry {visible}

[SkinnedMesh - threejs.org](https://threejs.org/docs/#examples/mesh/skinned-mesh)



# Git Clone the Repo

First, let's download the [sean-kintone/3D-Kintone-Gallery](https://github.com/sean-kintone/3D-Kintone-Gallery) Repo and go inside the folder.

Once you are inside the folder, let's install the dependencies!

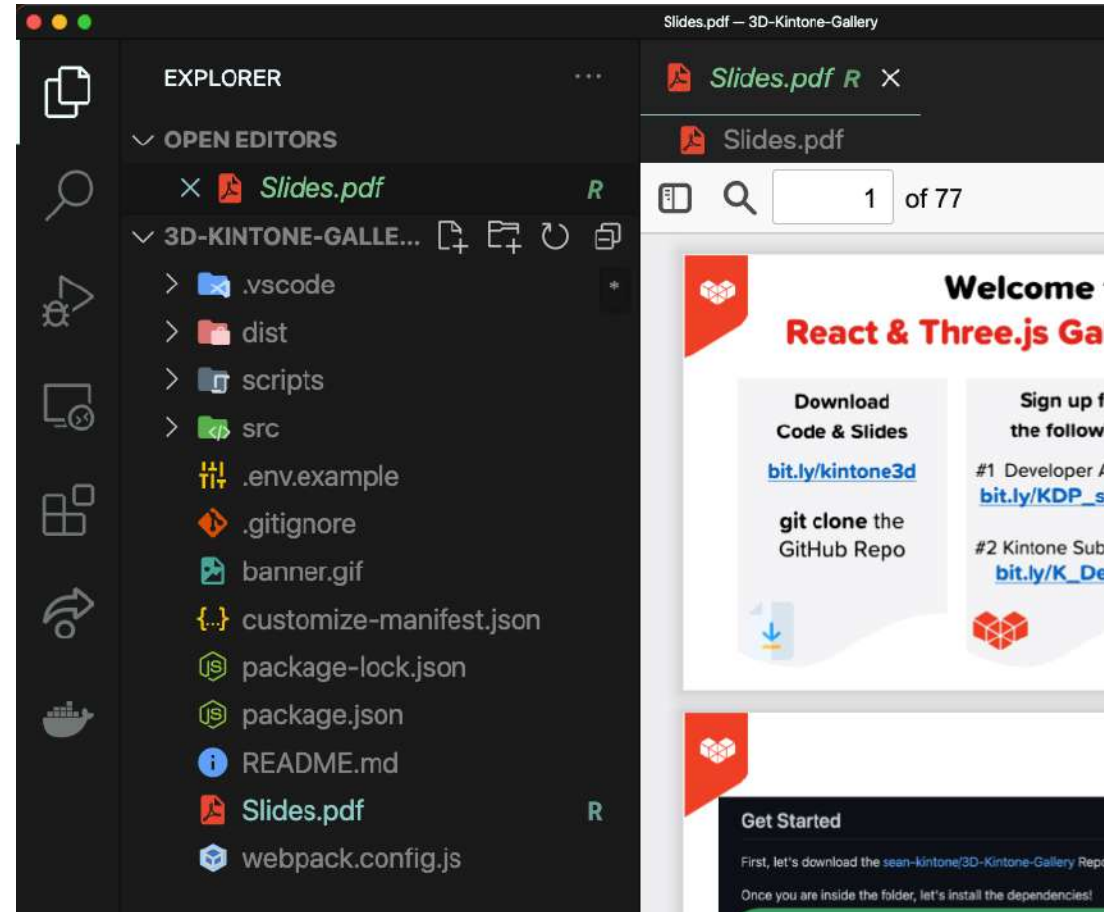
```
cd Downloads  
  
git clone https://github.com/sean-kintone/3D-Kintone-Gallery  
  
cd 3D-Kintone-Gallery  
  
npm install  
  
npm install -g @kintone/customize-uploader
```

**Run these commands  
from your terminal**

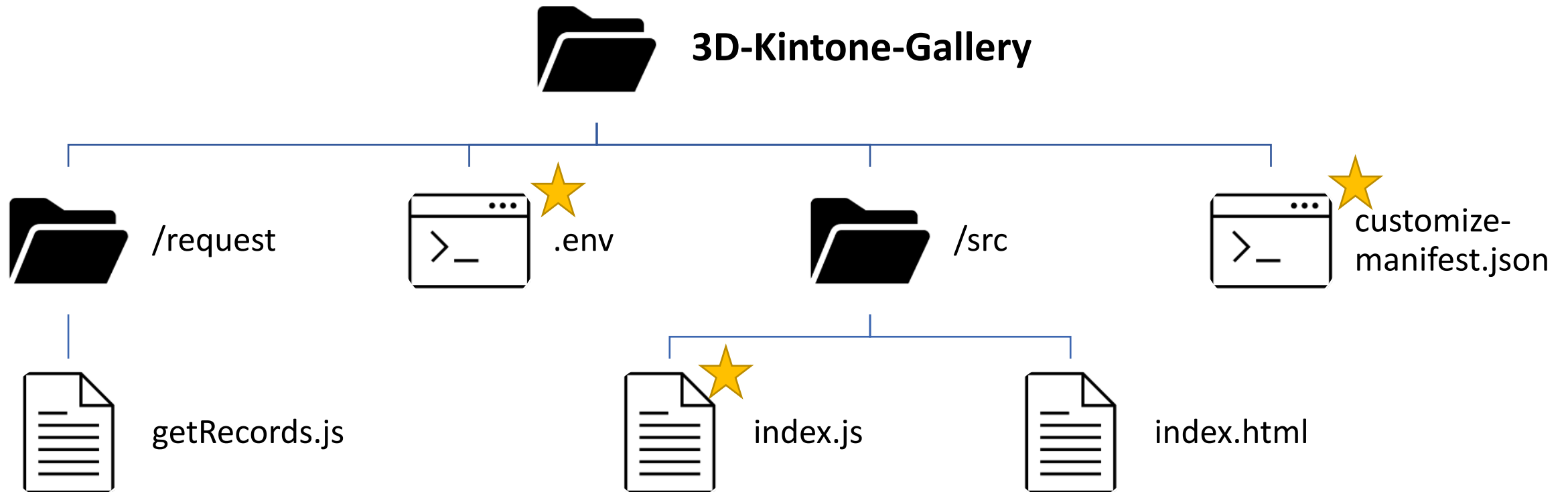


# Overview of the Repo

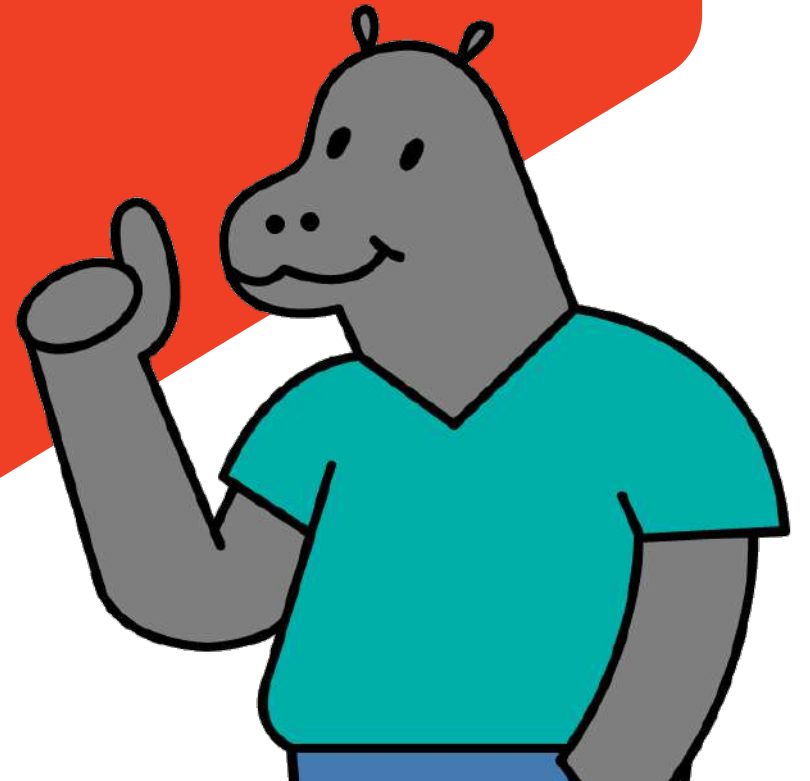
```
3D-Kintone-Gallery/  
├── Slides.pdf  
├── README.md  
├── banner.gif  
├── customize-manifest.json  
├── dist/  
│   ├── KintoneCustomization.js  
│   ├── KintoneCustomization.js.LICENSE.txt  
│   └── index.html  
├── package-lock.json  
├── package.json  
├── scripts/  
│   └── npm-start.js  
├── src/  
│   ├── index.css  
│   ├── index.html  
│   ├── index.js  
│   └── requests  
│       └── getRecords.js  
└── webpack.config.js
```



# Files We Will Be Editing

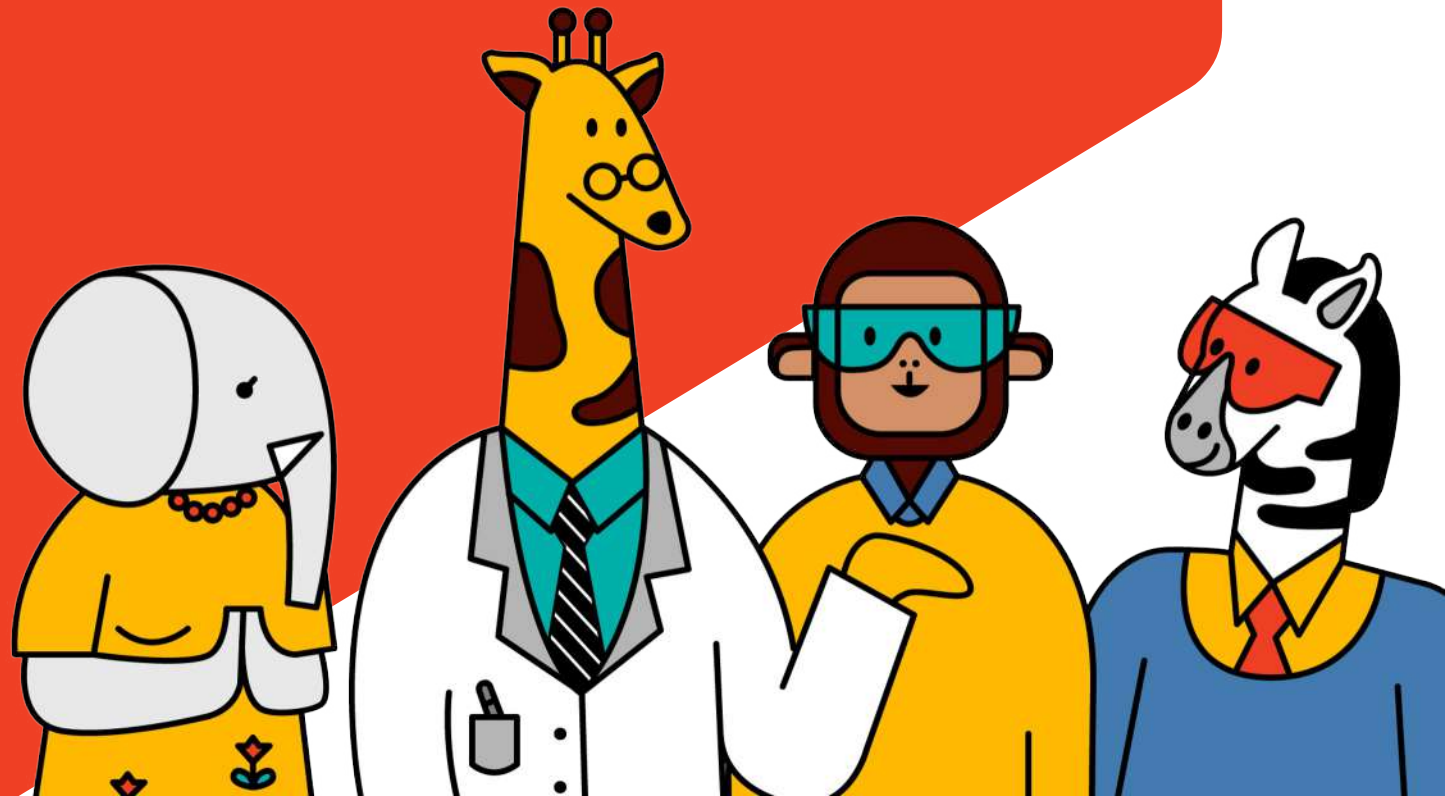


# Quick check-in with Zoom polling

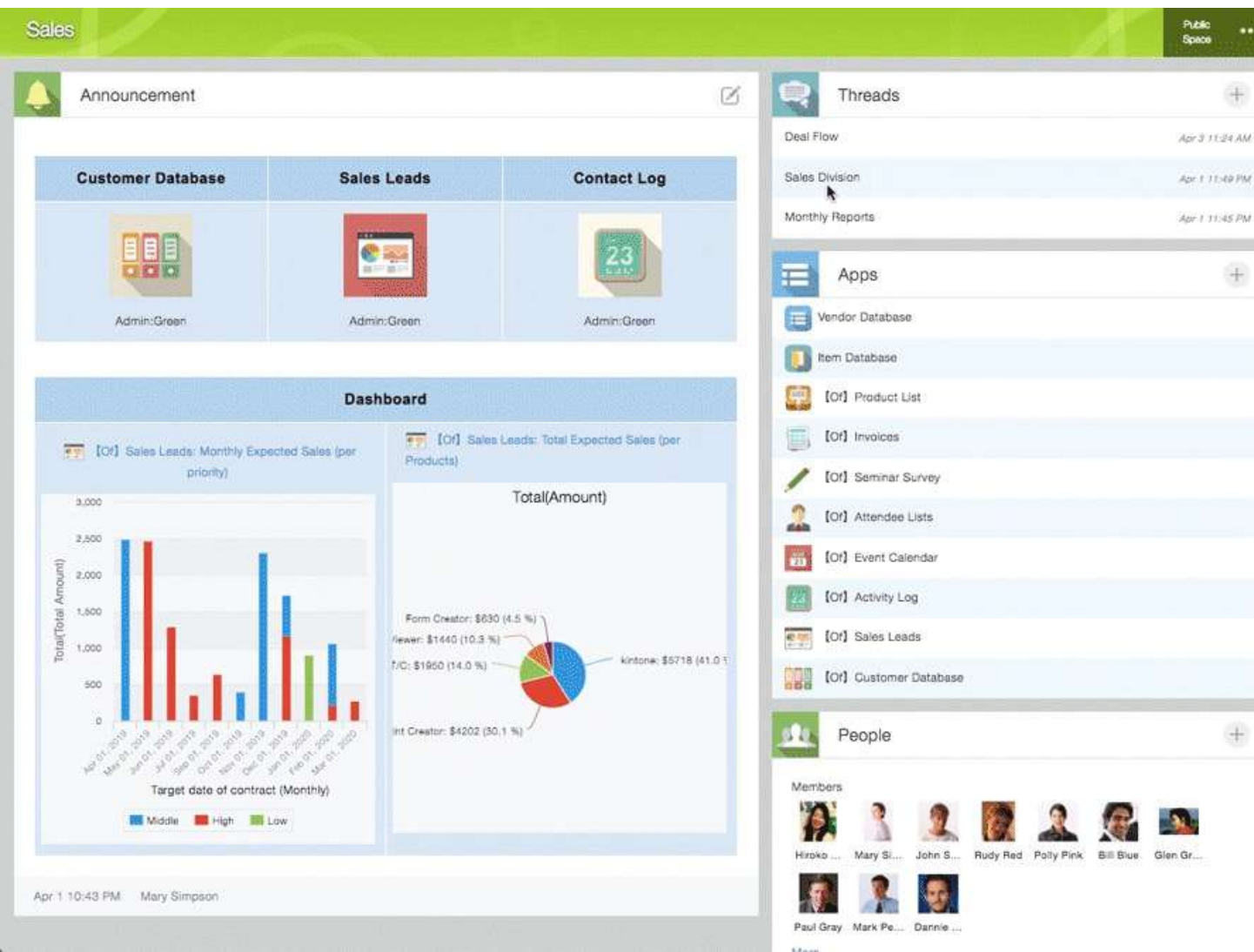


# What is Kintone?

Built for teamwork,  
designed by you



# What is Kintone?

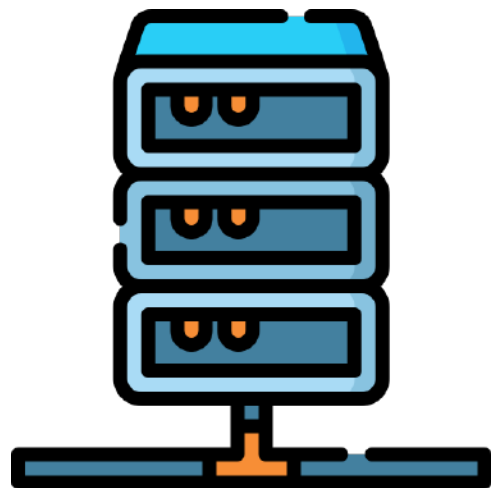


Kintone is a **no-code / low-code** cloud platform for teams to easily share and **collaborate** on their **data** efficiently.

# Where Kintone is Special!



kintone



Data & the conversations  
about the data are  
all in one place





# Missing - Unified Communication

Big Picture  
Where did that message go?

## Data Silos

Information is not being shared effectively

## Scattered Communication

Unclear where the conversation is happening

# What is Possible?

Remove the Friction  
Keep the conversation  
where the data lives

Where  
Data  
Lives

Developer Community

Space: Developer Community App: REST API Docs View: (All records) Record: Kintone REST API

EN Section  
API Info

EN API Group  
Kintone REST API

EN Method  
GET

EN API Name  
Get API Schema

EN URL (Endpoint)  
/k/v1/apis/\*.json

EN Article Link  
<https://developer.kintone.io/hc/en-us/articles/115006107628>

Fix History

Table

Date	Fixed By	Before	After	Fix Details
Aug 27, 2020	Clare - Support			Fixed the GET API List API link  Added apis.{key}.link

Where  
Communication  
Lives

Write your comment here.

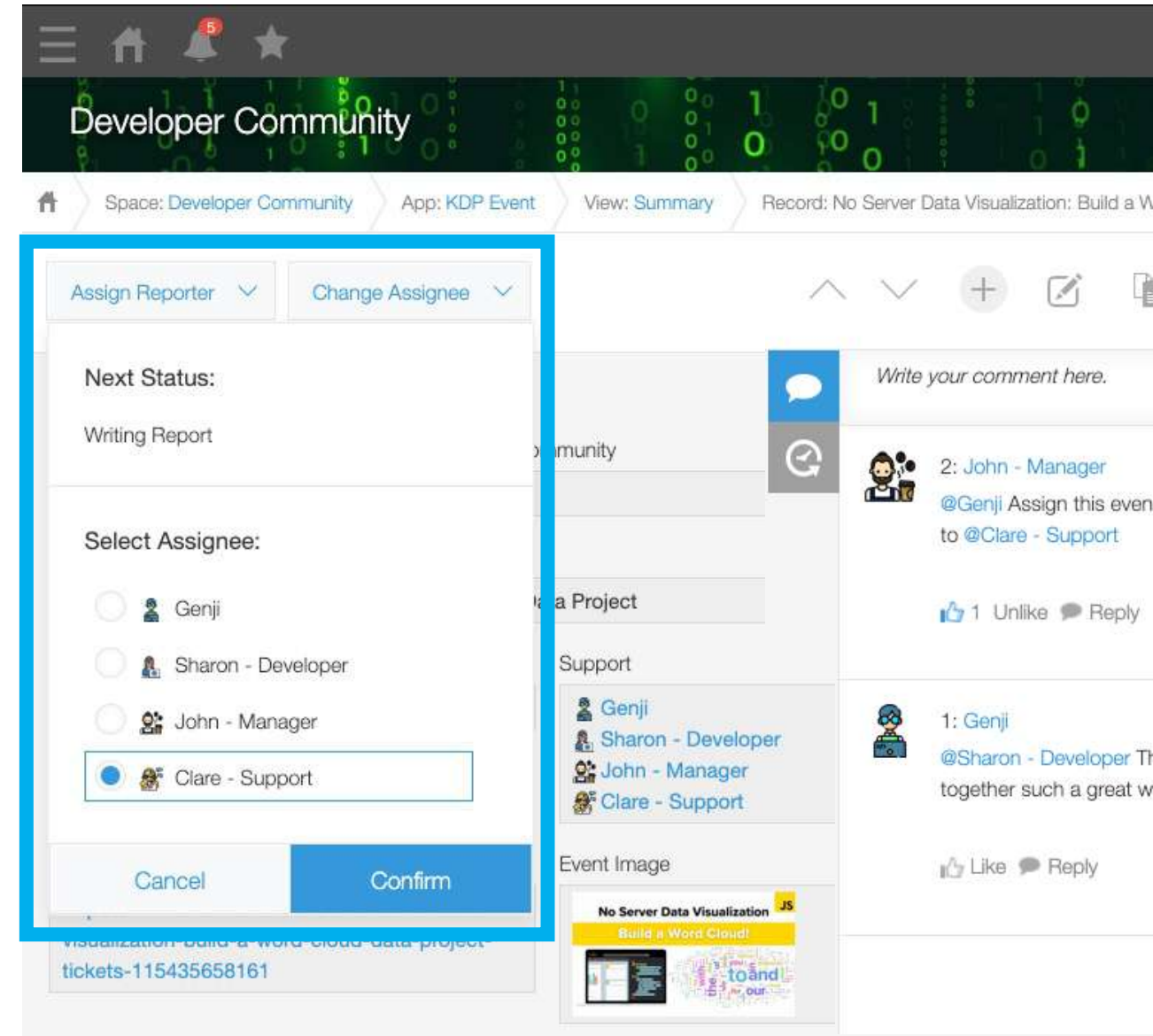
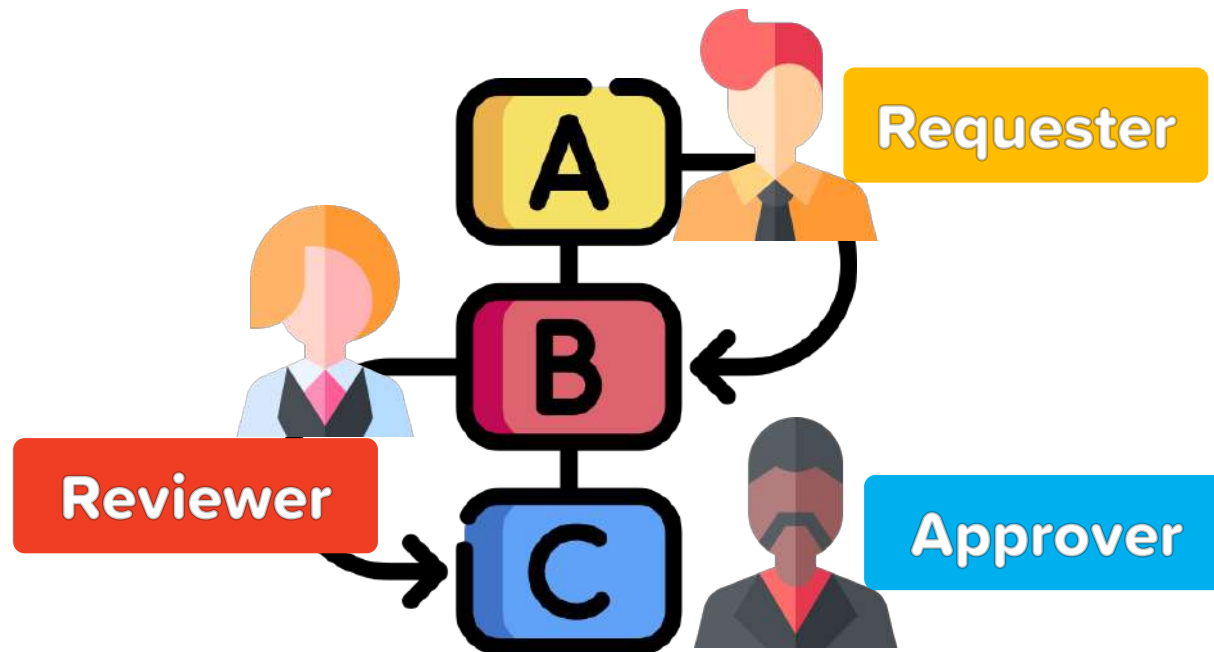
3: Clare - Support Aug 27, 2020 1:29 AM  
@Sharon - Developer @Genji  
Done!  
Like Reply

2: Sharon - Developer Aug 27, 2020 1:28 AM  
@Genji  
Oh, shoot, thanks for catching my mistake!  
@Clare - Support  
Please fix the Fixed the GET API List API link  
Like Reply

1: Genji Aug 27, 2020 1:27 AM  
@Clare - Support Please take a look at this document.  
Like Reply

# Workflow

With Process Management, establish a workflow so that the **right people** sees the **right info** at the **right time**.



# Kintone Apps

Shared To Do

App: Shared To Do

To Do App with Process Management feature. All tasks assigned to you can be viewed under "Assigned to me" section on the portal page. Always be organized and on time by setting up reminders and visualizing team's progress through snazzy graphs.

My To Do

Records 1 - 5 of 5

To Do	Priority	Due date	Status	Details	Attachment
Define requirements	Medium	Apr 05, 2019	In progress	Please start defining the requirements for our ne...	
Research vendors	Medium	Apr 08, 2019	Complete	Find at least 3 vendors and summarize their pro...	
Send invoice to customer	High	Apr 11, 2019	Assigned		
Define scope	Low	Apr 12, 2019	Assigned	XYZ Project would be a long project divided into...	
Map out schedule	Low	Apr 19, 2019	Assigned		

Records 1 - 5 of 5


The main building block in Kintone is an **App**.

Imagine an **App** as a powerful, online table where data is stored in records.

# Kintone Apps

Sales & Leads > Settings

Last Updated: Mary Simpson 12:10 AM

 Sales & Leads

[Discard Changes](#) [Update App](#)

Form Views Graphs App Settings

[Save Form](#)

Label Text Rich text Text area Number Calculated Radio button Check box Multi-choice Drop-down Date Time Date and time Attachment Link User selection Department selection Group selection Related records Lookup Blank space Border Field group Record number Created by Created datetime Updated by Updated datetime

Leads & Sales

Lead Title Sales Representative

▼ Contact Info

Company Name Website

Contact Name Job Title

Email Telephone Number

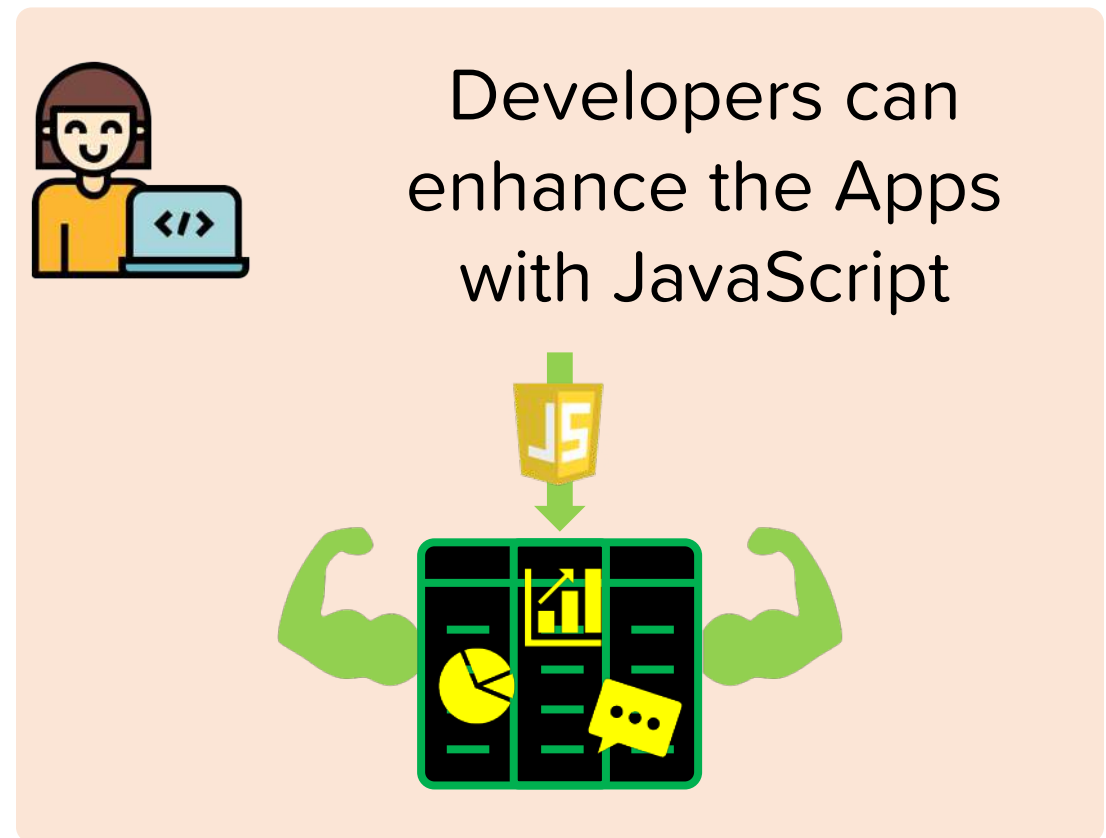
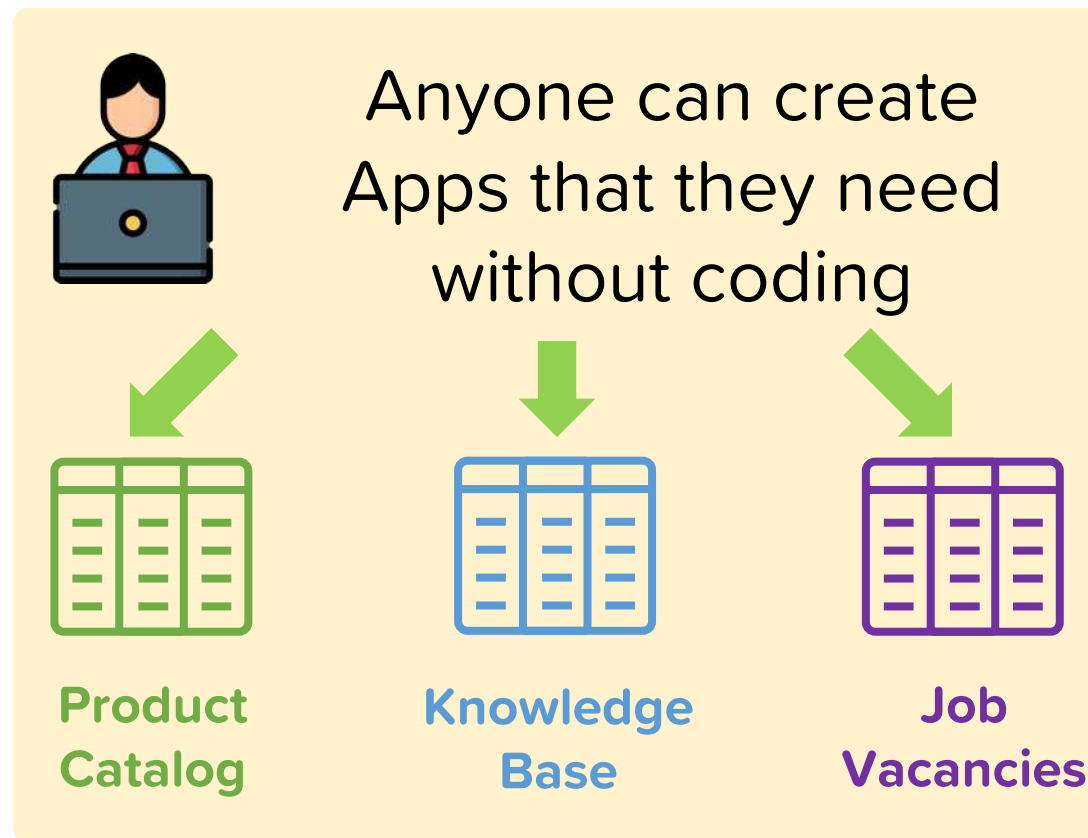
Product Name	Product ID	Unit Price	Quantity
--------------	------------	------------	----------

**Apps** are easy to **create** using a **drag-and-drop** interface with no coding needed.

**Apps** are extensively **customizable** with client-side **JavaScript**.

# Everyone Contributes!

As a **no-code & low-code platform**, Kintone supports non-coders with visual programming UI while enabling sophisticated customization

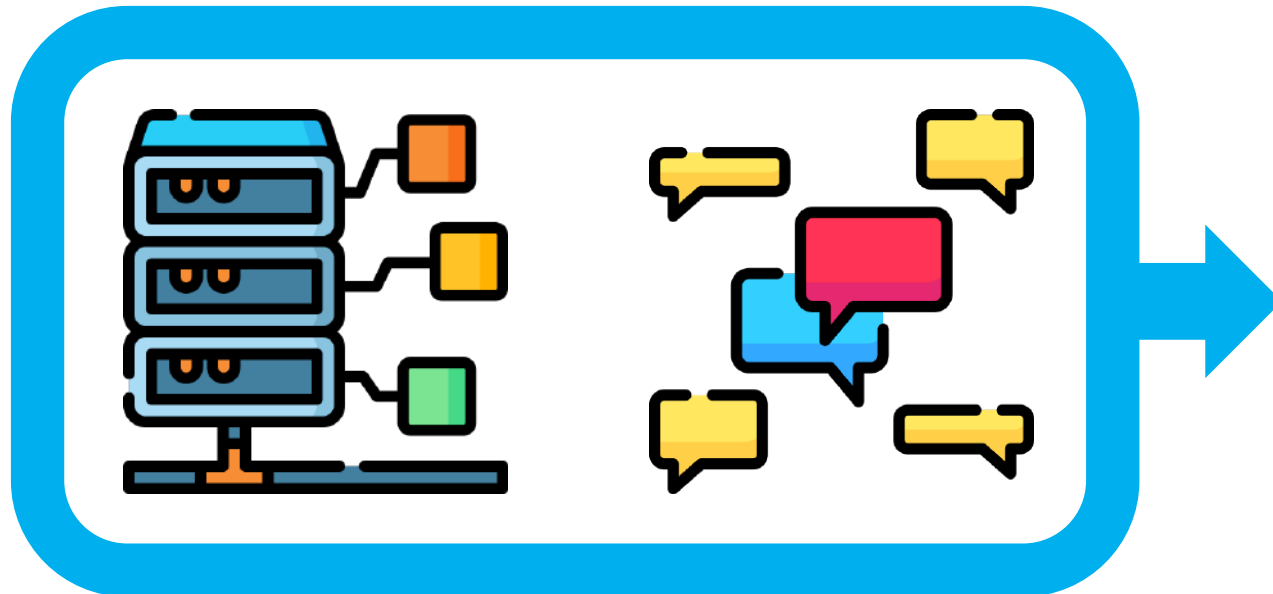




# Fulfill the Promise of *Groupware*

Share meaningful insights about the data that become operationalized quickly.

**Data + Communication**



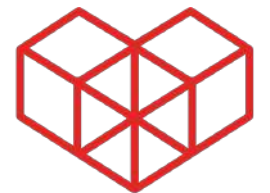
**Insight**



**Action**



# How Developers Contribute

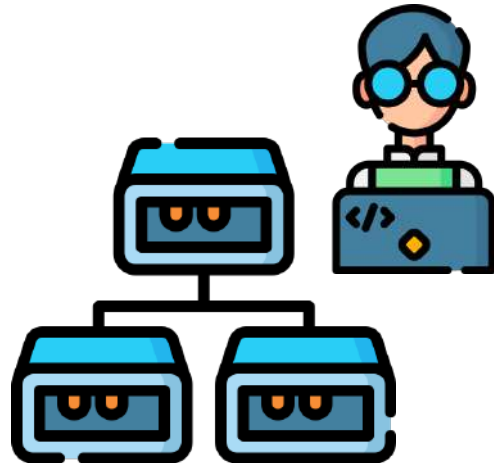


**kintone**  
developer program

# How Developers Contribute

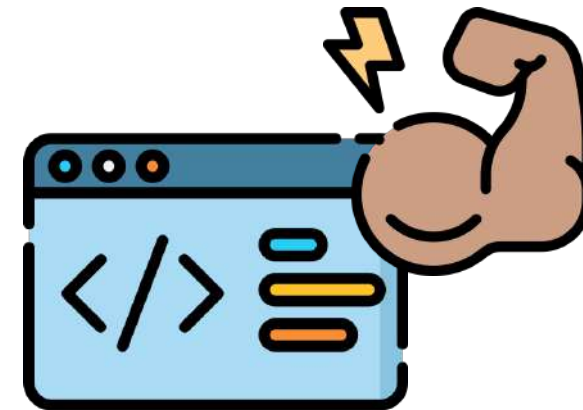
## Command Center

- Create a custom look & feel
- Integrate with 3<sup>rd</sup> party web applications to exchange data



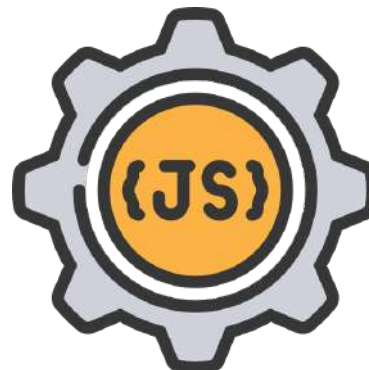
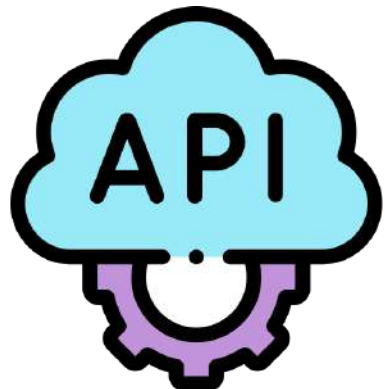
## Enhancements

- Develop JavaScript customizations
- Build & share extensions



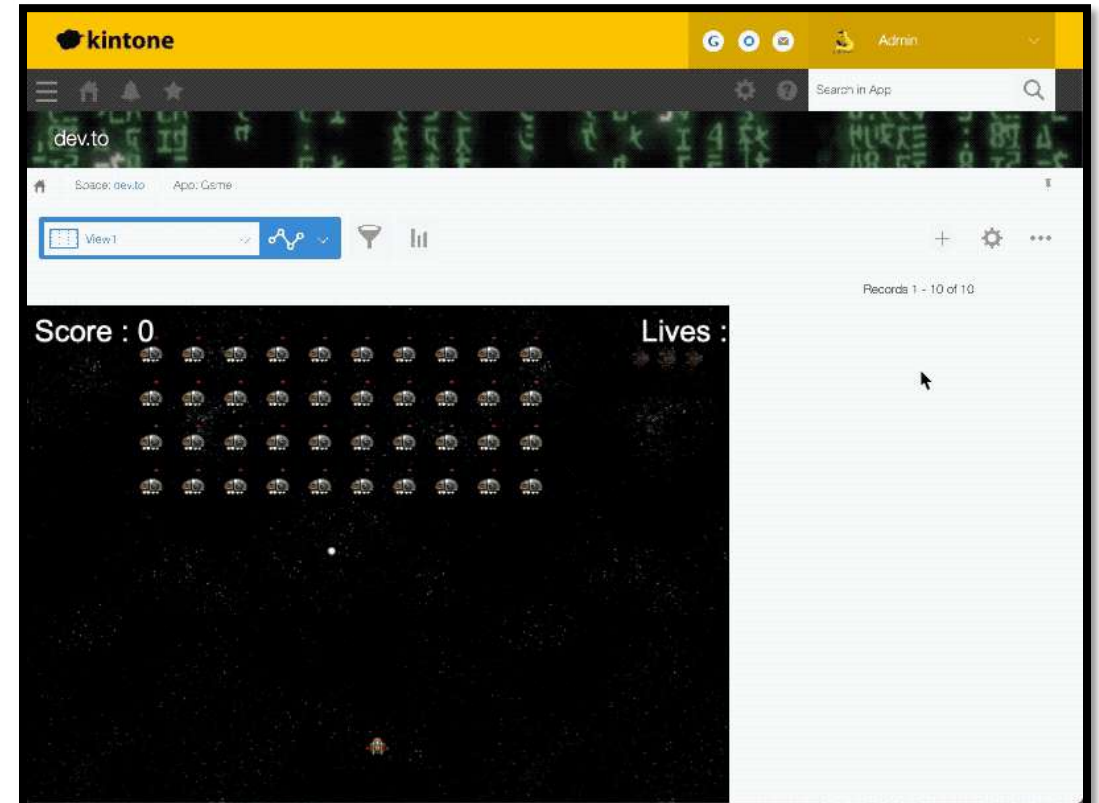
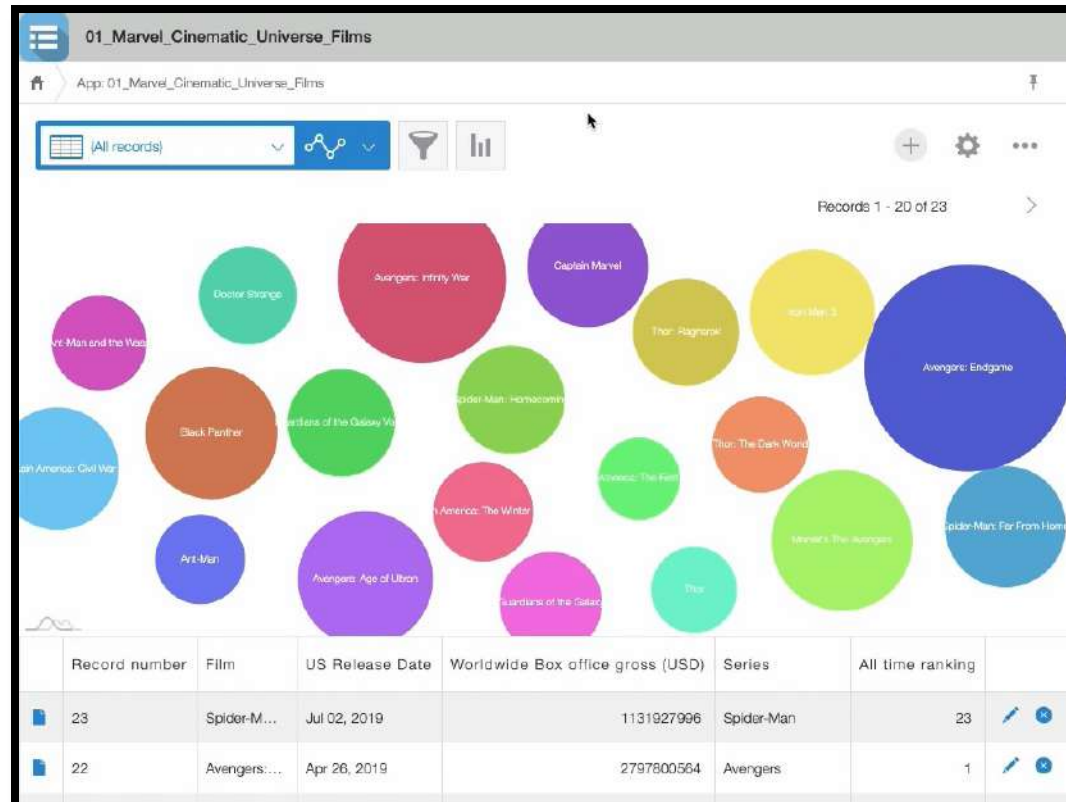
# Tools Inside Kintone

- JavaScript APIs
- REST APIs
- API Tokens
- Webhook
- Plugins
- JavaScript Customizations
- CSS & HTML Customizations
- Precise Permission Controls



# Create a Custom Look and Feel

Display data the way you want with HTML, JS, and CSS



# Kintone For Self Learning



Keep learning new  
JavaScript tricks!



Contribute your  
learnings to tech  
blogs



Share your  
projects with your  
community!



# Kintone For Creating Revenue



Create & sell  
Kintone  
extensions



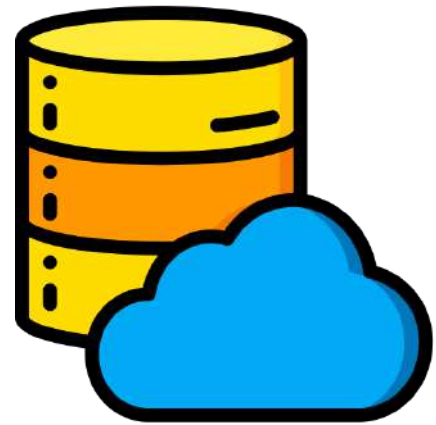
Consult with firms  
on achieving  
business goals



Develop Kintone  
customizations for  
customers

# Let's Create a Kintone Database App

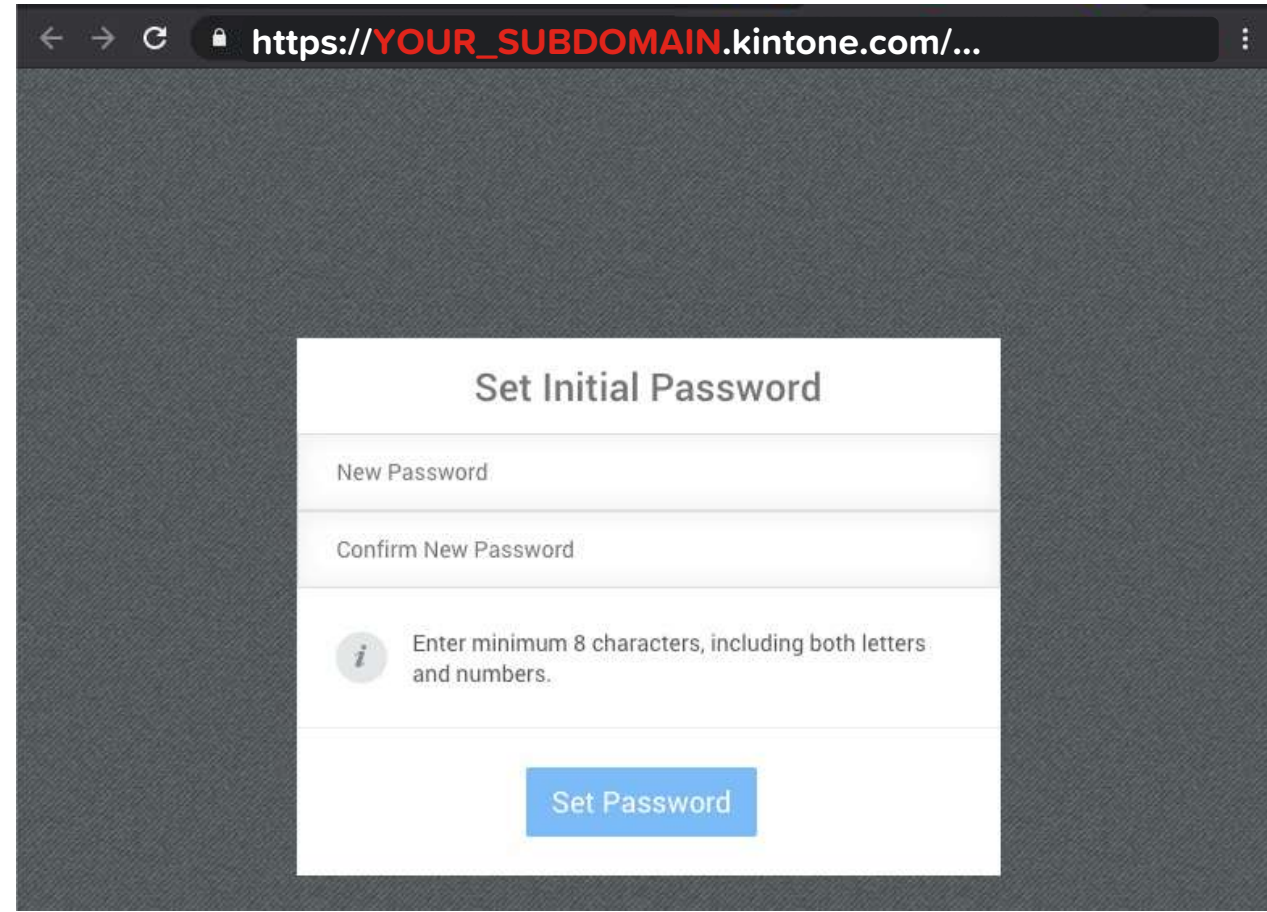
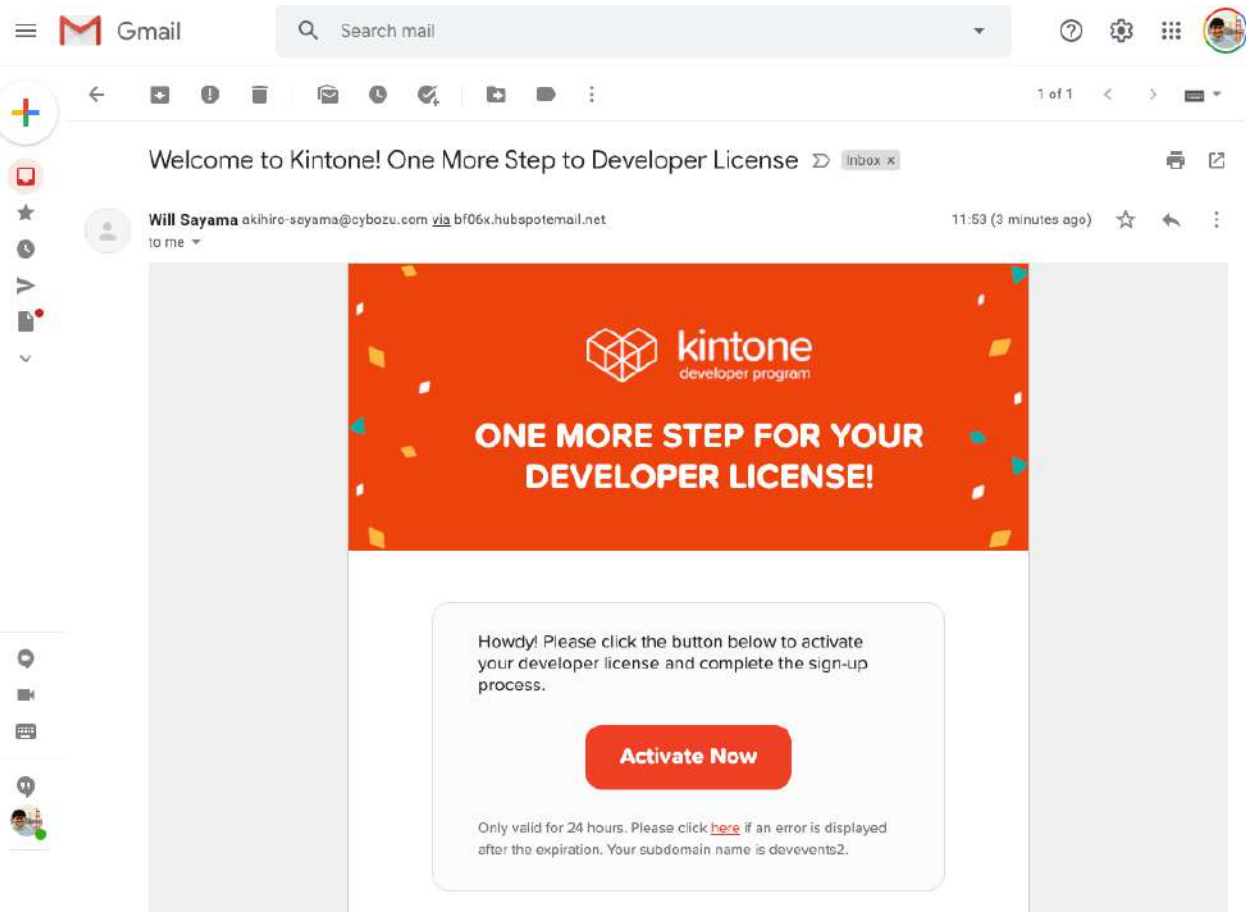
Step-By-Step Guide



# Check Your Email

Welcome to Kintone! One More Step To...

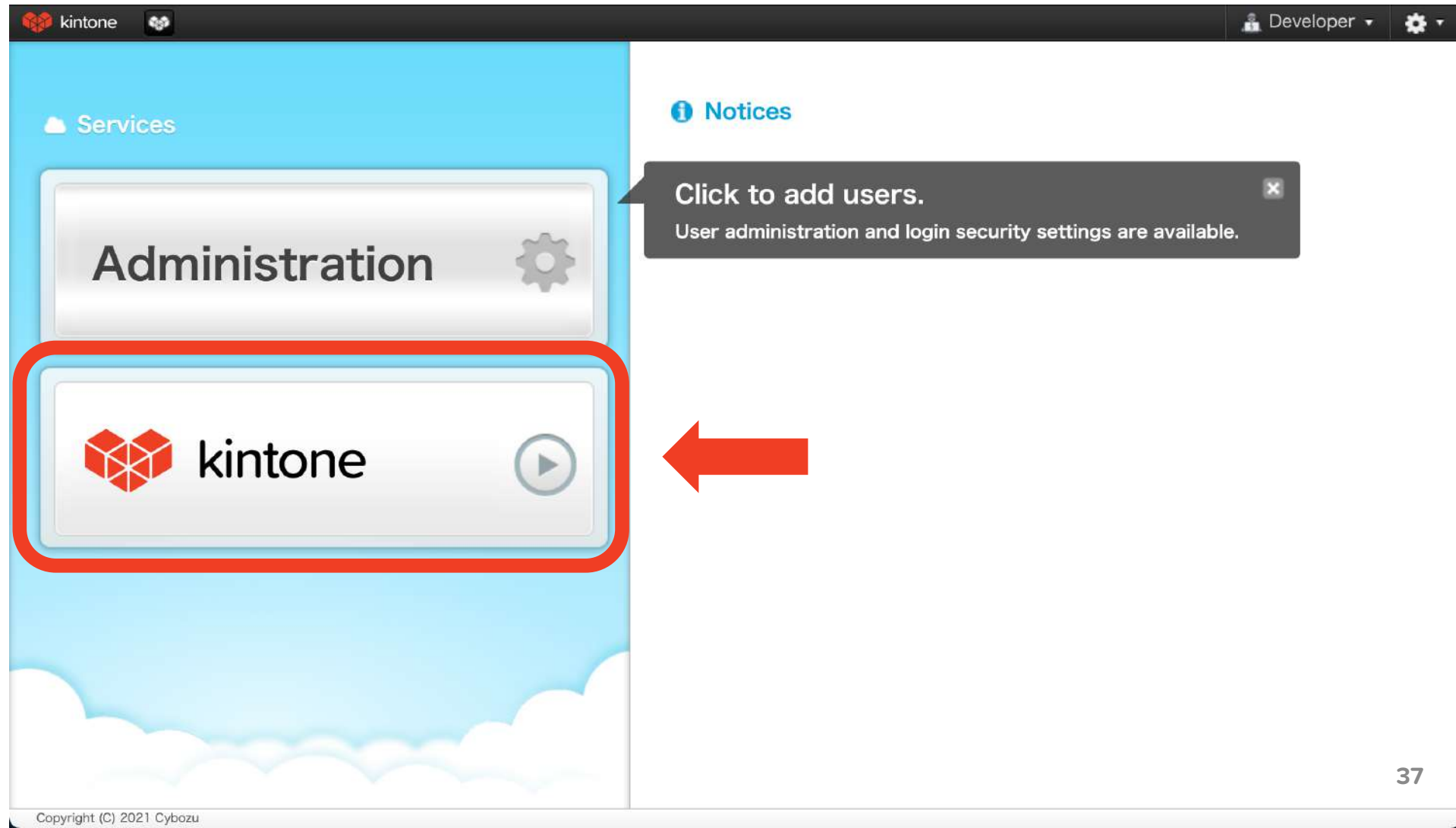
**YOUR\_SUBDOMAIN.kintone.com**



# Let's Log into Kintone

Click on Kintone button on the Left side

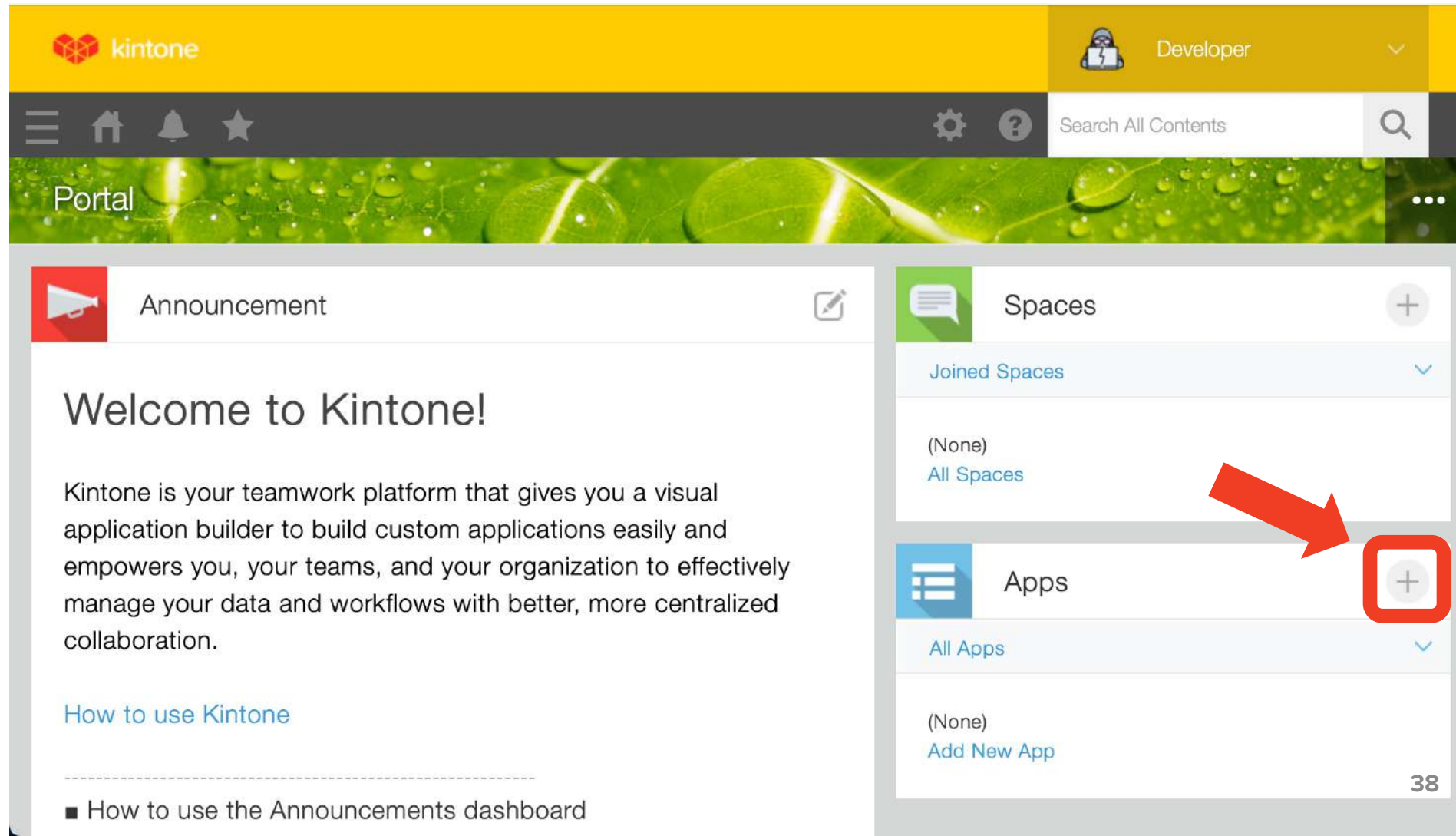
The email has the initial registration link & subdomain



# Create a Kintone Database App

From the Portal  
screen

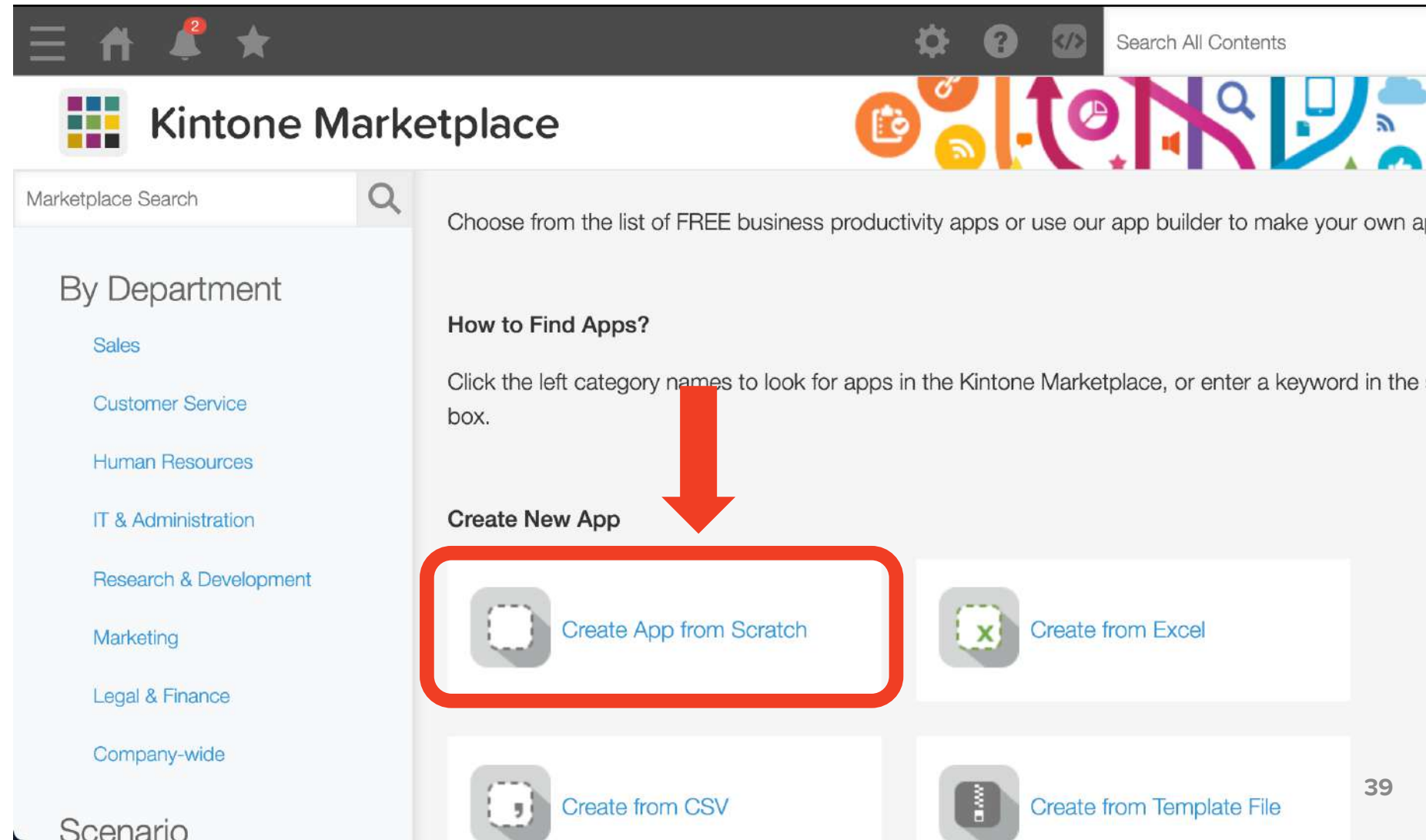
Click the  
**[+] button**  
on the  
Right side



# Create App from Scratch

On Kintone  
Marketplace...

Click on  
**Create App from  
Scratch**

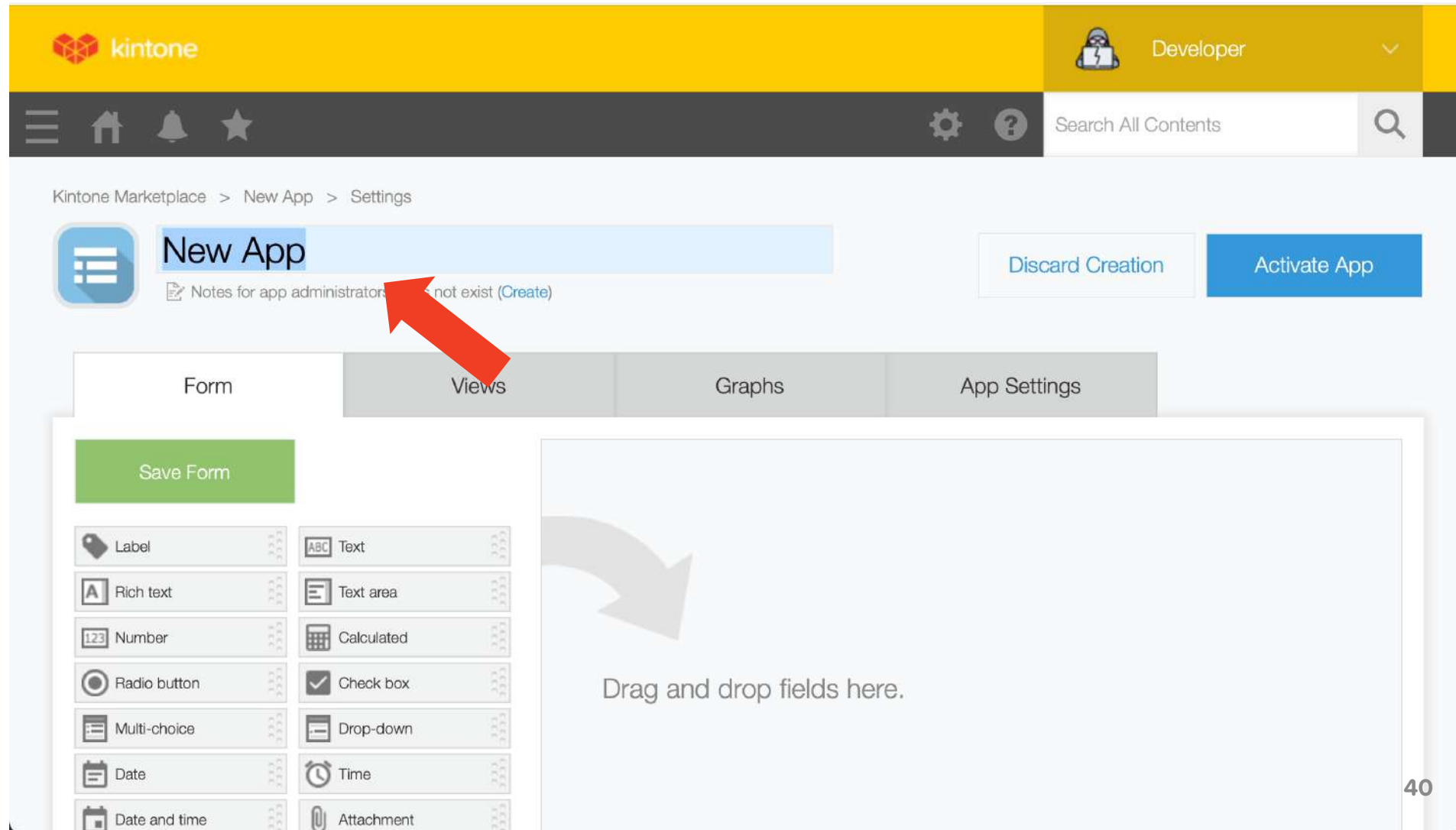




# Name the App

Replace the  
"New App" with  
your App's Title

We will input  
"3D Gallery"



# Building the 3D Gallery Database App

Drag & drop following fields into the middle area

The screenshot shows the Kintone interface for building a database app. The top navigation bar includes the Kintone logo, a home icon, a bell icon, a star icon, and a search bar. The main header shows the app name '3D Gallery (Workshop)' and the user 'Developer'. The 'Form' tab is selected, displaying a list of fields on the left and a form preview on the right. The 'Number' field is highlighted with a red box, and the 'Drop-down' field is highlighted with a blue box. A red arrow points from the 'Number' field to the 'Length', 'Width', and 'Depth' input fields in the preview. A blue arrow points from the 'Drop-down' field to the 'Shape Type' dropdown in the preview.

3D Gallery (Workshop) > Settings

3D Gallery (Workshop)  
Notes for app administrators does not exist ([Create](#))

Discard Changes Update App

Form Views Graphs App Settings

Save Form

Label Rich text **Number** Radio button Multi-choice Date Date and time Link Department selection Related records Blank space

Text Text area Calculated Check box **Drop-down** Time Attachment User selection Group selection Lookup Border

Shape Type Length \* Width \* Depth \*

Cube

3x **Numbers fields**  
1x **Dropdown field**

# Configure Fields

Click on the **Gear** from the text field's left corner.

Edit the **Name** & **Field Code**

The screenshot shows the Kintone interface for the '3D Gallery (Workshop)' app. The top navigation bar includes the Kintone logo, a 'Developer' user profile, and a search bar. The main content area is divided into tabs: 'Form', 'Views', 'Graphs', and 'App Settings'. The 'Form' tab is selected, displaying a 'Save Form' button and a list of field types on the left. The right side shows a form editor with fields for 'Shape Type', 'Length', 'Width', and 'Depth'. A red arrow points to the 'Settings' option in the context menu for the 'Length' field.

3D Gallery (Workshop) > Settings

3D Gallery (Workshop)

Notes for app administrators does not exist ([Create](#))

Discard Changes Update App

Form Views Graphs App Settings

Save Form

Label Text Rich text Text area Number Calculated Radio button Check box Multi-choice Drop-down Date Time Date and time Attachment Link User selection Department selection Group selection Related records Lookup Blank space Border

Shape Type Length \* Width \* Depth \*

Cube Settings Duplicate Delete

Text Field's Gear > Settings

# Inside the Dropdown Settings

Click on the **Gear** from the text field's left corner.

Edit the **Name** & **Field Code** & **Options**

The screenshot shows the 'Drop-Down Settings' dialog box with the following fields and annotations:

- Name \***: A text field containing 'Shape Type'. A red arrow points to it from a red box that says 'Change the Name to "Shape Type"'. There are checkboxes for 'Hide field name' and 'Required field'.
- Options**: A list of options with 'Cube' and 'Torus'. A blue arrow points to the list from a blue box that says 'Add two options: "Cube" & "Torus"'. Below the list are plus and minus icons for adding and removing options.
- Default Value**: A dropdown menu showing 'Cube'.
- Field Code \***: A text field containing 'shapeType'. A red arrow points to it from a red box that says 'Change the Field Code to "shapeType"'. There is a warning icon and the text 'Case sensitive!'.

At the bottom of the dialog is a 'Cancel' button.

Change the Name to "Shape Type"

Add two options:  
"Cube" & "Torus"  
⚠ Code Breaking!  
⚠ Case sensitive!

Change the Field Code to "shapeType"  
⚠ Case sensitive!

# Inside the Number Settings

Click on the **Gear** from the text field's left corner.

Edit the **Name** & **Other Options**

The screenshot shows a 'Number Settings' dialog box with the following fields and options:

- Name \***: A text input field containing 'Length'. A red arrow points to this field from a red callout box.
- ☐ Hide field name
- ☐ Use thousands separators
- ☒ Required field
- ☐ Prohibit duplicate values
- Limits of Value (Note: Use integer)**:
  - Minimum:
  - Maximum:A blue arrow points to these fields from a blue callout box.
- Default Value**:
- Number of Decimal Places to Display**:
- Unit of measure**:

At the bottom are 'Cancel' and 'Save' buttons.

Name the Number fields  
"Length", "Width", & "Depth"

Easily set parameters such  
as "required field"  
or "min / max values"!

# Inside the Number Settings Part 2

Click on the **Gear** from the text field's left corner.

Edit the **Field Code**

Number Settings

☐ Hide field name

☐ Use thousands separators

☒ Required field

☐ Prohibit duplicate values

Limits of Value (Note: Use integer)

Minimum  Maximum

Default Value

Number of Decimal Places to Display

Unit of measure

☒ Prefix (e.g. \$100) ☐ Suffix (e.g. 0.5)

Field Code \*  
width

Cancel Save

Set Field Code to "length", "width", & "depth"

⚠ Case sensitive!



# Does Your App Look Like This?

We changed...

Title

1x Dropdown Field

3x Number Fields

Set the fields'

**Names**

and **Field Codes**

The screenshot shows the Kintone interface for the '3D Gallery (Workshop)' app. The top navigation bar includes the Kintone logo, a 'Developer' user profile, and a search bar. The main content area is titled '3D Gallery (Workshop)' and shows the 'Settings' tab. A 'Save Form' button is visible. On the left, a list of field types is displayed, including Label, Rich text, Number, Radio button, Multi-choice, Date, Date and time, Link, Department selection, Related records, Blank space, Text, Text area, Calculated, Check box, Drop-down, Time, Attachment, User selection, Group selection, Lookup, and Border. The main form area shows a 'Shape Type' dropdown set to 'Cube', and three number fields labeled 'Length \*', 'Width \*', and 'Depth \*'.

# Create a Custom View

Within the App

→ **Views Tab**

→ Add a View

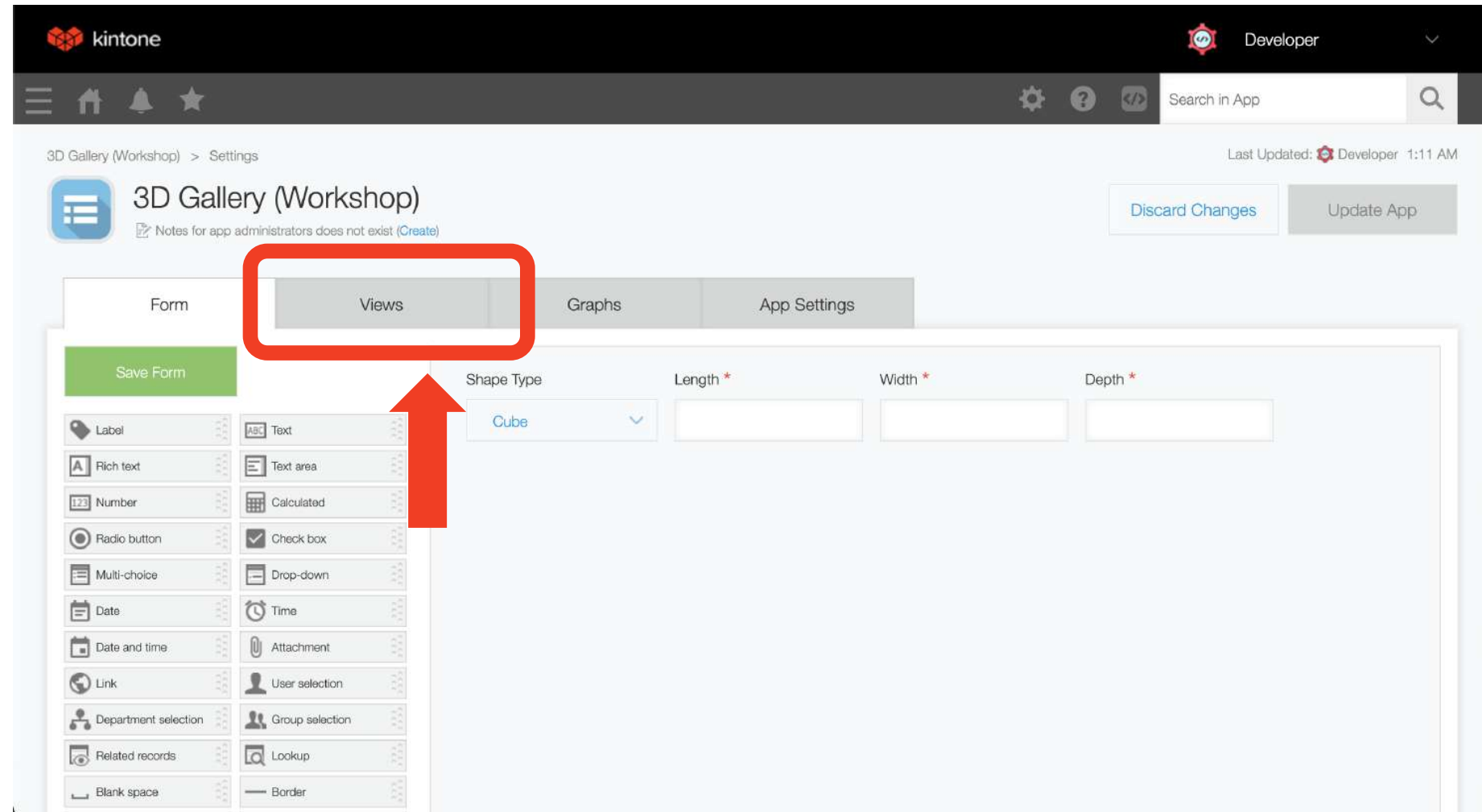
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

→ **Add a View**

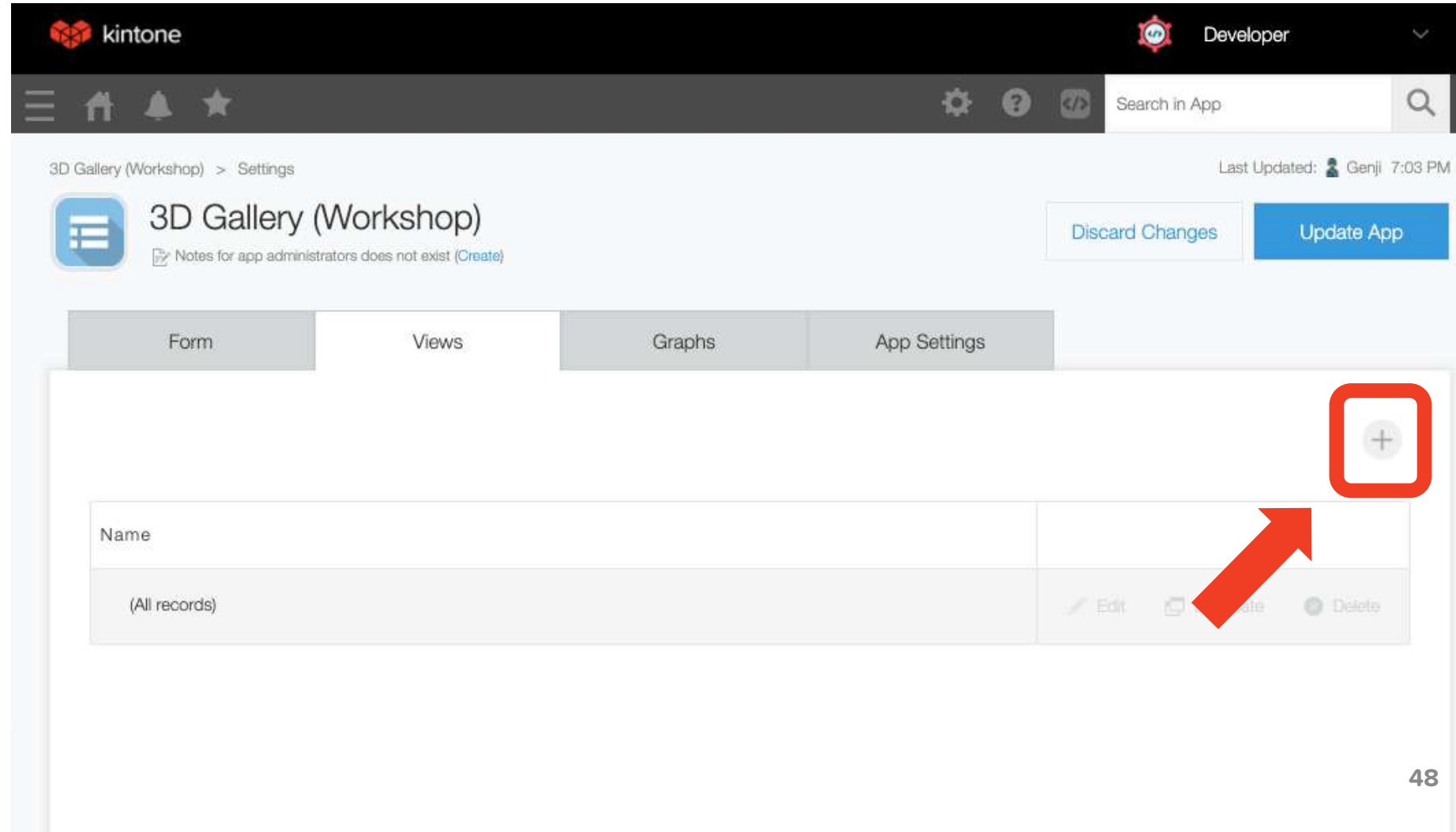
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

→ Add a View

→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save

Kintone Developer interface showing the 'View' configuration screen. The 'Name' field is highlighted with a red box and a red arrow pointing to it. The 'View1' text is entered in the field. Below the name field, there are radio buttons for 'List view' (selected), 'Calendar view', and 'Custom view'. A list of fields is shown on the left, including 'Record number', 'Created by', 'Created date', 'Shape Type', and 'Depth'. On the right, there is a large area with the text 'Drag and drop fields here.' and a list of fields including 'Updated by', 'Updated date', 'Length', and 'Width'.

# Create a Custom View

Within the App

→ Views Tab

→ Add a View

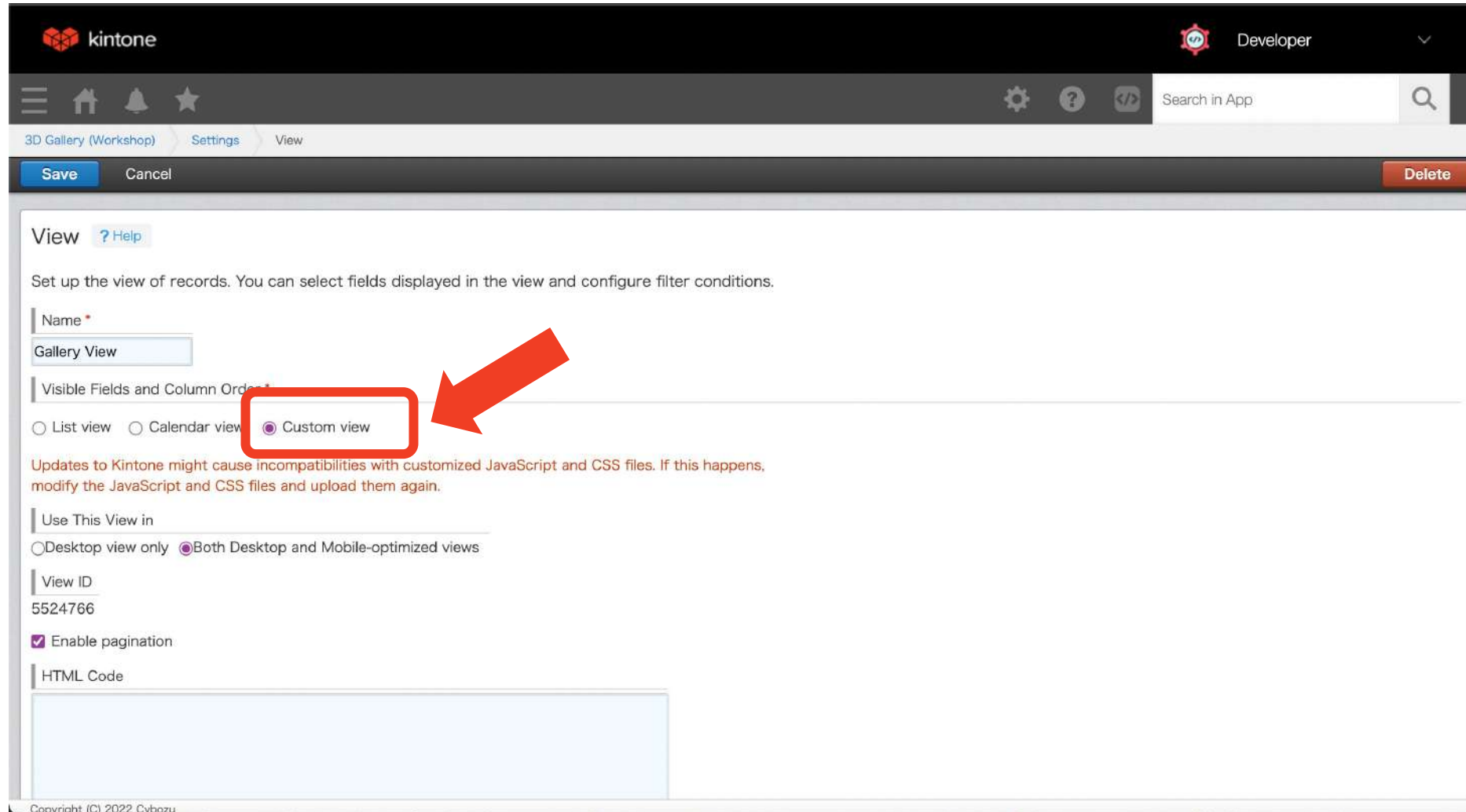
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



**kintone** Developer

3D Gallery (Workshop) Settings View

Save Cancel Delete

**View** ? Help

Set up the view of records. You can select fields displayed in the view and configure filter conditions.

Name \*

Gallery View

Visible Fields and Column Order \*

☐ List view ☐ Calendar view ☒ Custom view

Updates to Kintone might cause incompatibilities with customized JavaScript and CSS files. If this happens, modify the JavaScript and CSS files and upload them again.

Use This View in

☐ Desktop view only ☒ Both Desktop and Mobile-optimized views

View ID

5524766

☒ Enable pagination

HTML Code

Copyright (C) 2022 Cybozu

# Create a Custom View

Within the App

→ Views Tab

→ Add a View

→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save

Kintone Developer

3D Gallery (Workshop) Settings View

Save Cancel Delete

View ? Help

Set up the view of records. You can select fields displayed in the view and configure filter conditions.

Name \*

Gallery View

Visible Fields and Column Order \*

☐ List view ☐ Calendar view ☒ Custom view

Updates to Kintone might cause incompatibilities with customized JavaScript and CSS files. If this happens, modify the JavaScript and CSS files and upload them again.

Use This View in

☒ Both Desktop and Mobile-optimized views

View ID

5524766

☒ Enable pagination

HTML Code

51

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# Create a Custom View

Within the App

→ Views Tab

→ Add a View

→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save

**kintone** Developer

3D Gallery (Workshop) Settings View

Save Cancel Delete

**View** ? Help

Set up the view of records. You can select fields displayed in the view and configure filter conditions.

Name \*

Gallery View

Visible Fields and Column Order \*

☐ List view ☐ Calendar view ☒ Custom view

Updates to Kintone might cause incompatibilities with customized JavaScript and CSS files. If this happens, modify the JavaScript and CSS files and upload them again.

Use This View in

☐ Desktop view only ☒ Both Desktop and Mobile-optimized views

View ID

5524766

☒ Enable pagination

HTML Code

```
<div id="root"></div>
```

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# Create a Custom View

Within the App

→ Views Tab

→ Add a View

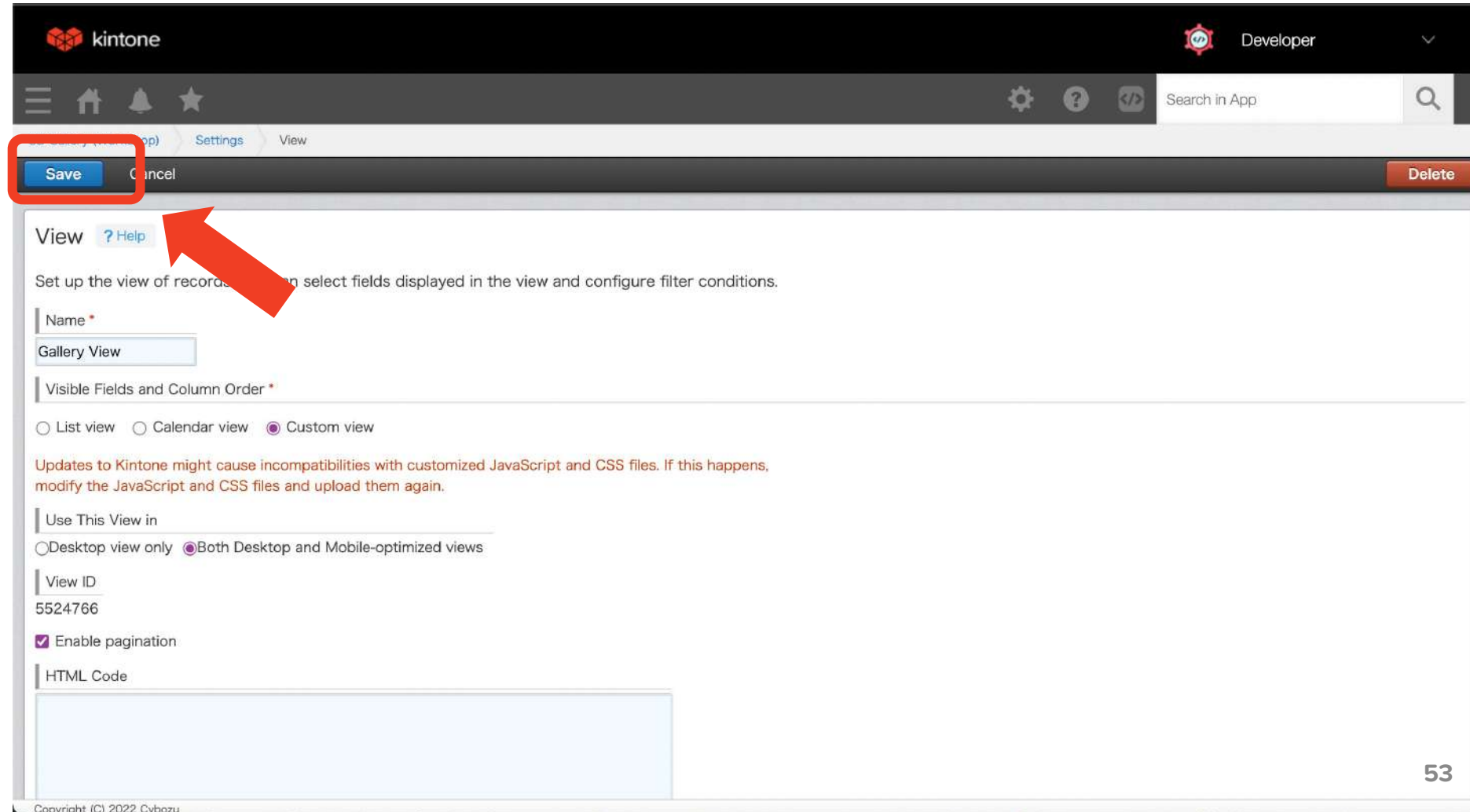
→ Name the View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



The screenshot shows the Kintone 'View' configuration interface. At the top, the 'kintone' logo and 'Developer' role are visible. Below the navigation bar, the 'View' tab is selected. The 'Save' button is highlighted with a red box, and a red arrow points to the 'Custom view' radio button under the 'Visible Fields and Column Order' section. The form includes fields for 'Name' (set to 'Gallery View'), 'Visible Fields and Column Order', 'Use This View in' (set to 'Both Desktop and Mobile-optimized views'), 'View ID' (5524766), and 'HTML Code'. A warning message about JavaScript and CSS compatibility is also present.

View ? Help

Set up the view of records. You can select fields displayed in the view and configure filter conditions.

Name \*

Gallery View

Visible Fields and Column Order \*

☐ List view ☐ Calendar view ☒ Custom view

Updates to Kintone might cause incompatibilities with customized JavaScript and CSS files. If this happens, modify the JavaScript and CSS files and upload them again.

Use This View in

☐ Desktop view only ☒ Both Desktop and Mobile-optimized views

View ID

5524766

☒ Enable pagination

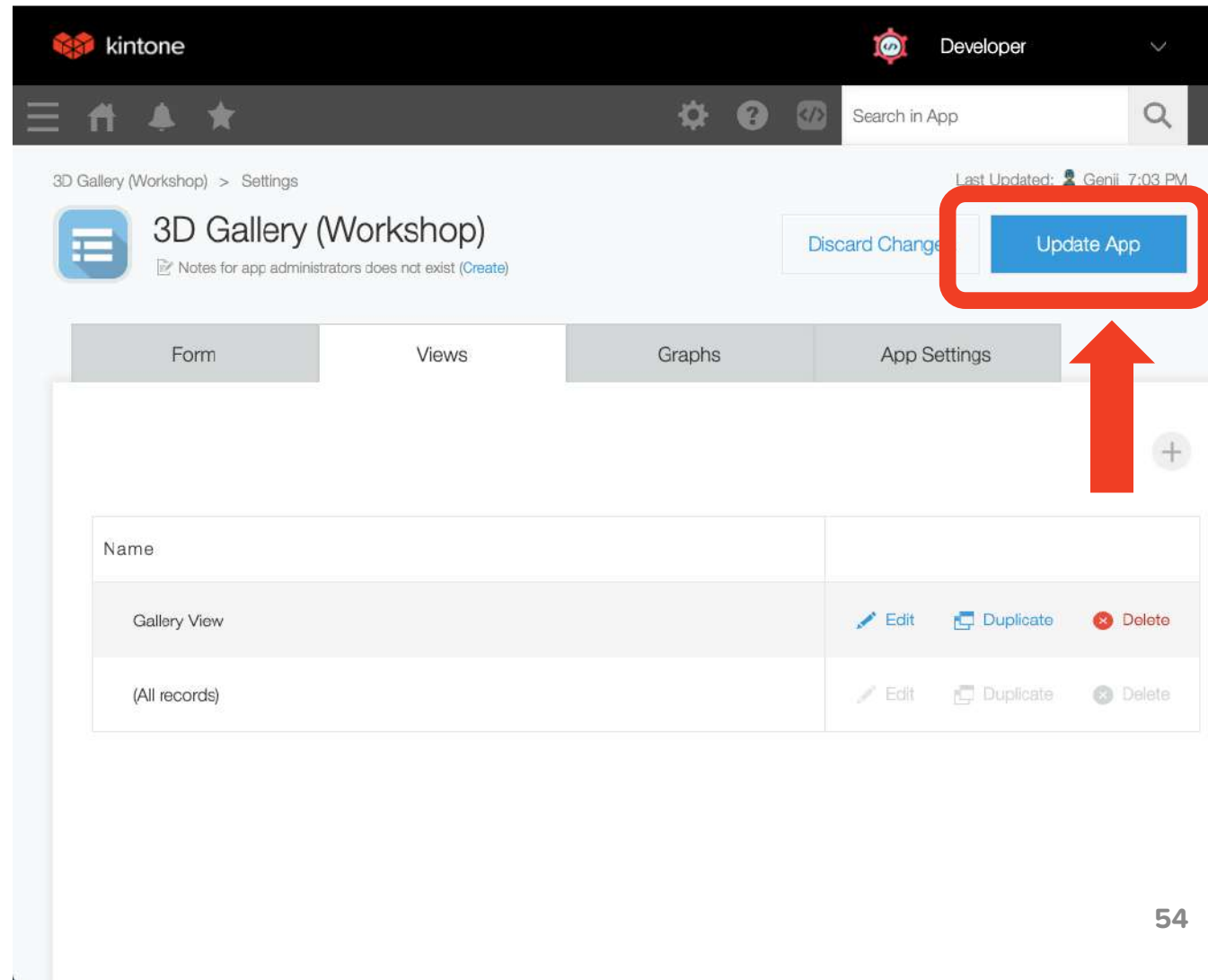
HTML Code

53

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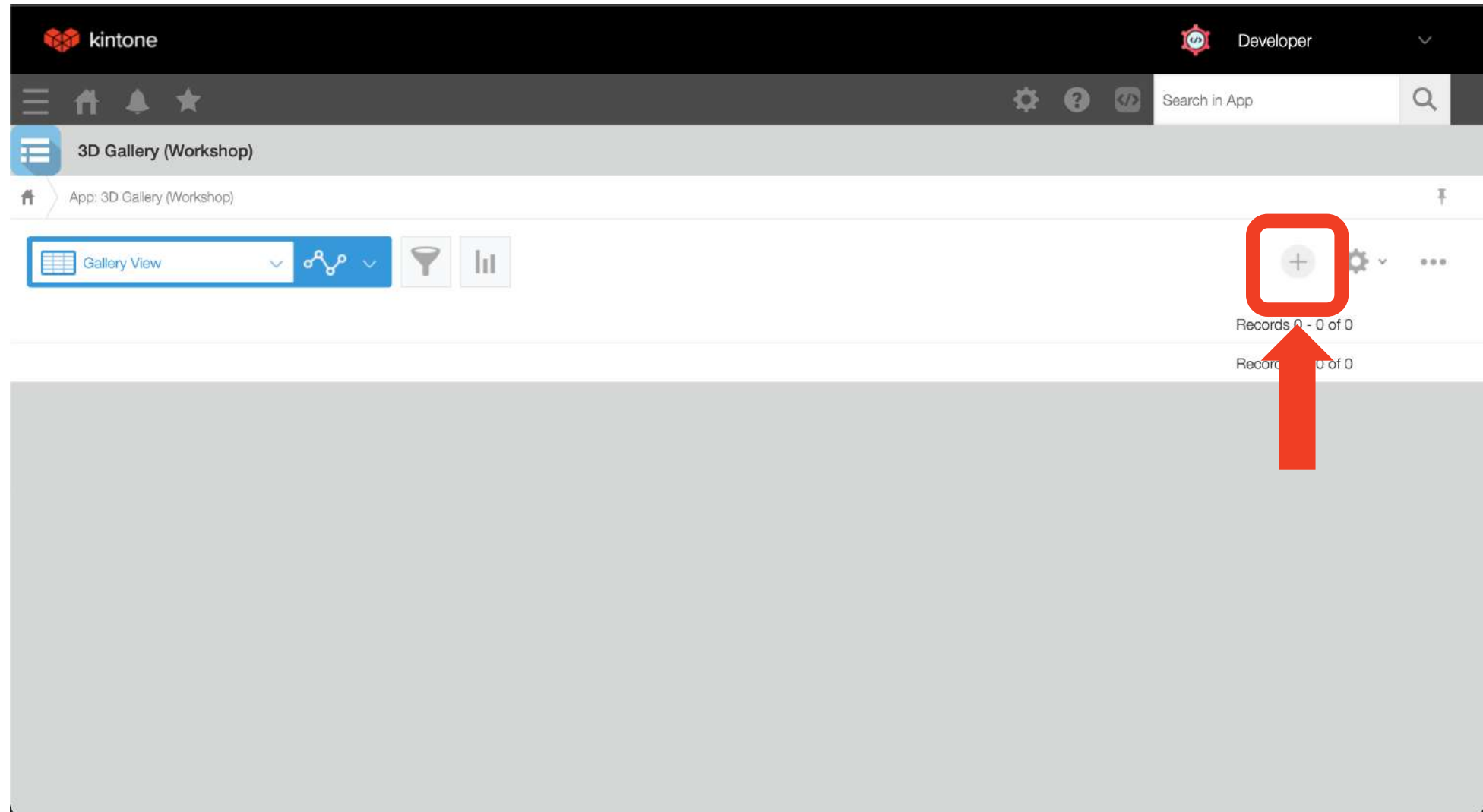
# Activate the Kintone Database App

Click on the  
**Activate App**  
or  
**Update App**  
button to  
implement the  
changes!



# Create a Record

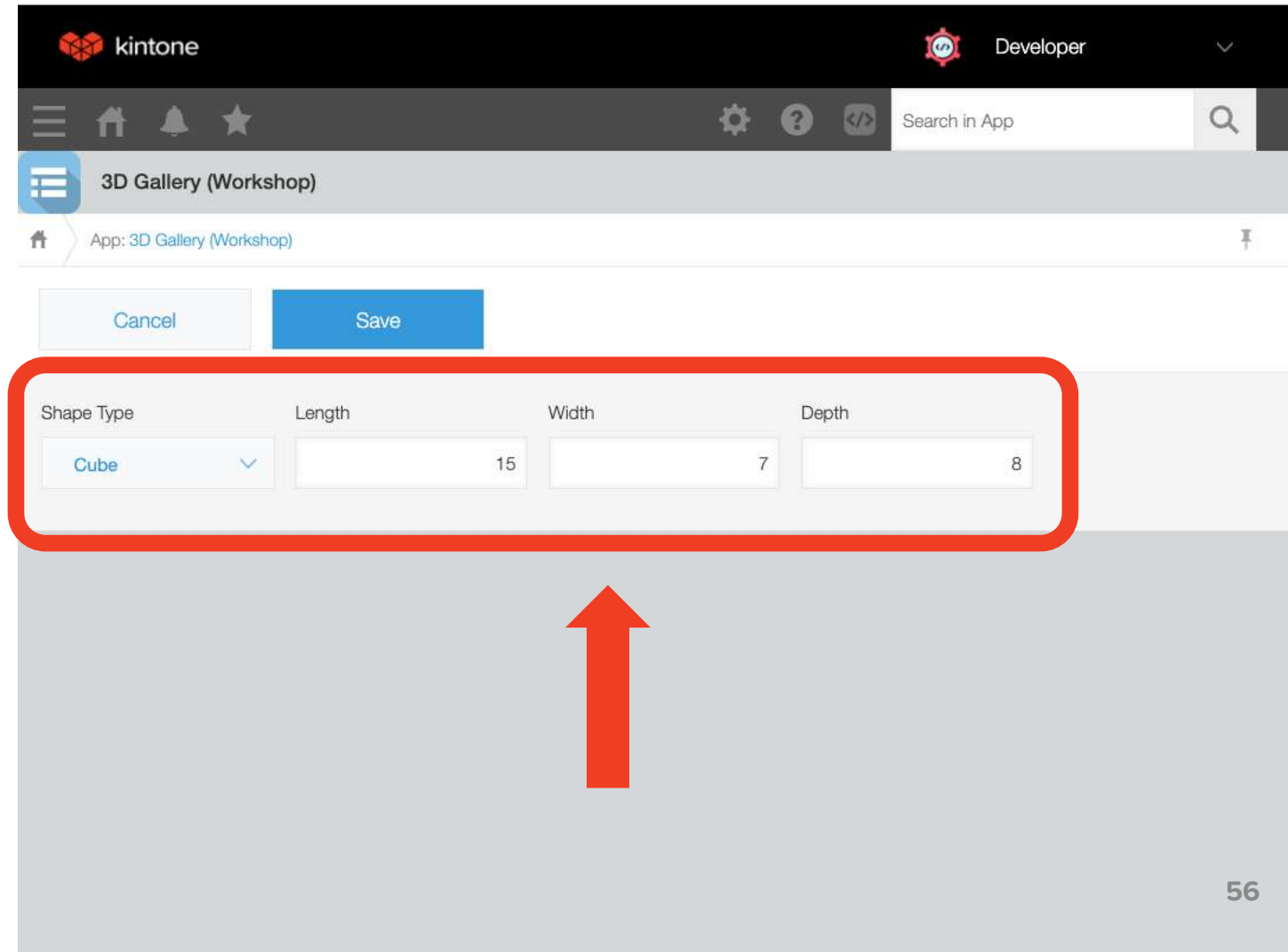
Click the  
**[+]** button  
on the  
Right side to  
create a record



# Save a Record

Choose a Shape Type, and input a Length, Width, and Depth

Then click the **Save button**



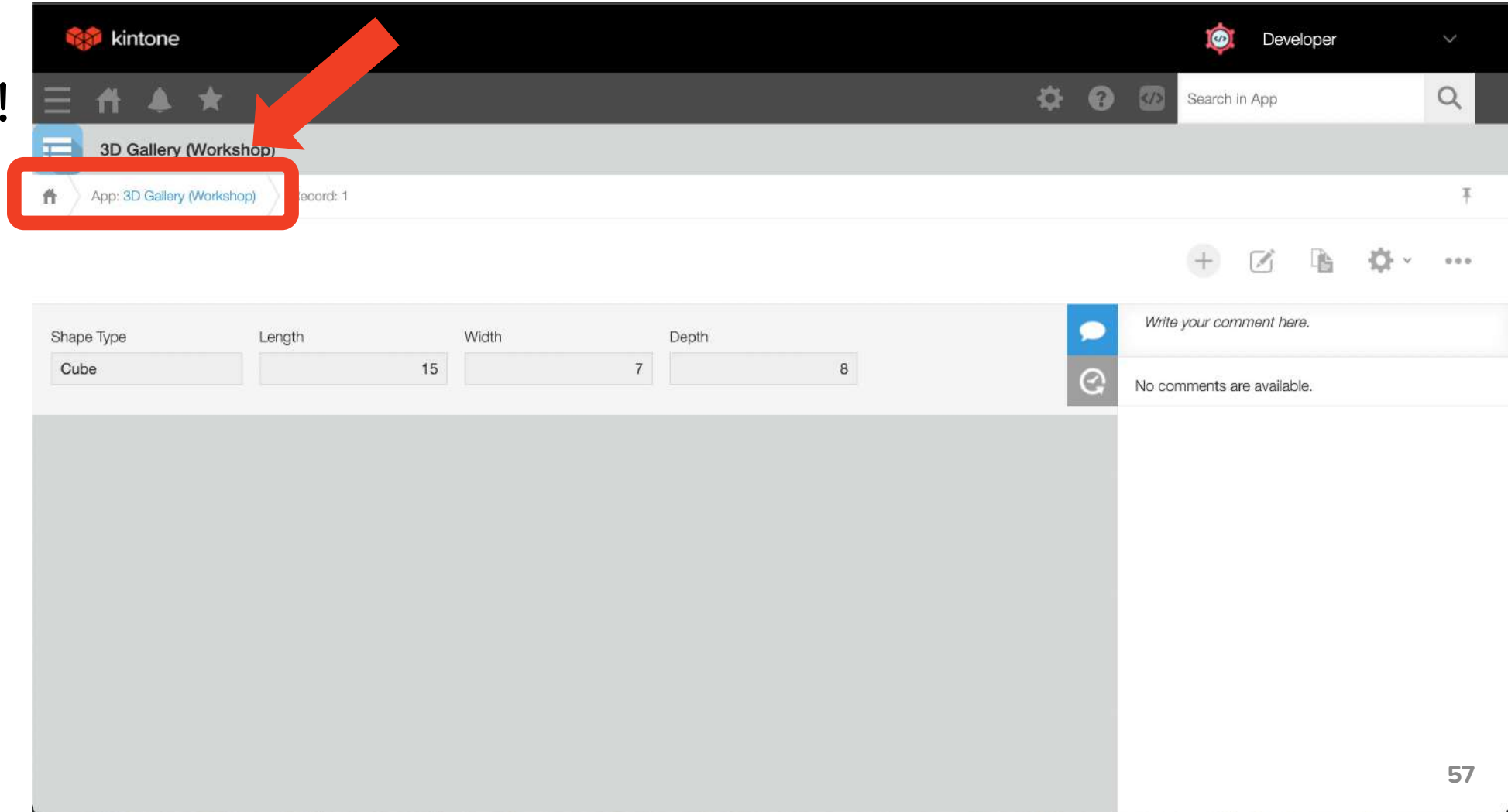
The screenshot shows the Kintone interface for the '3D Gallery (Workshop)' app. The top navigation bar includes the Kintone logo, a 'Developer' user profile, and a search bar. Below the navigation bar, the app name '3D Gallery (Workshop)' is displayed. The main form area contains a 'Cancel' button and a 'Save' button. A red box highlights the form fields: 'Shape Type' (set to 'Cube'), 'Length' (15), 'Width' (7), and 'Depth' (8). A large red arrow points upwards towards the 'Save' button, indicating the next step in the process.

Shape Type	Length	Width	Depth
Cube	15	7	8

# View a Record

You created  
your first record!

Click on the  
blue **3D Gallery**  
link to view all  
the records





# Going to the Custom View

After creating  
few more  
records

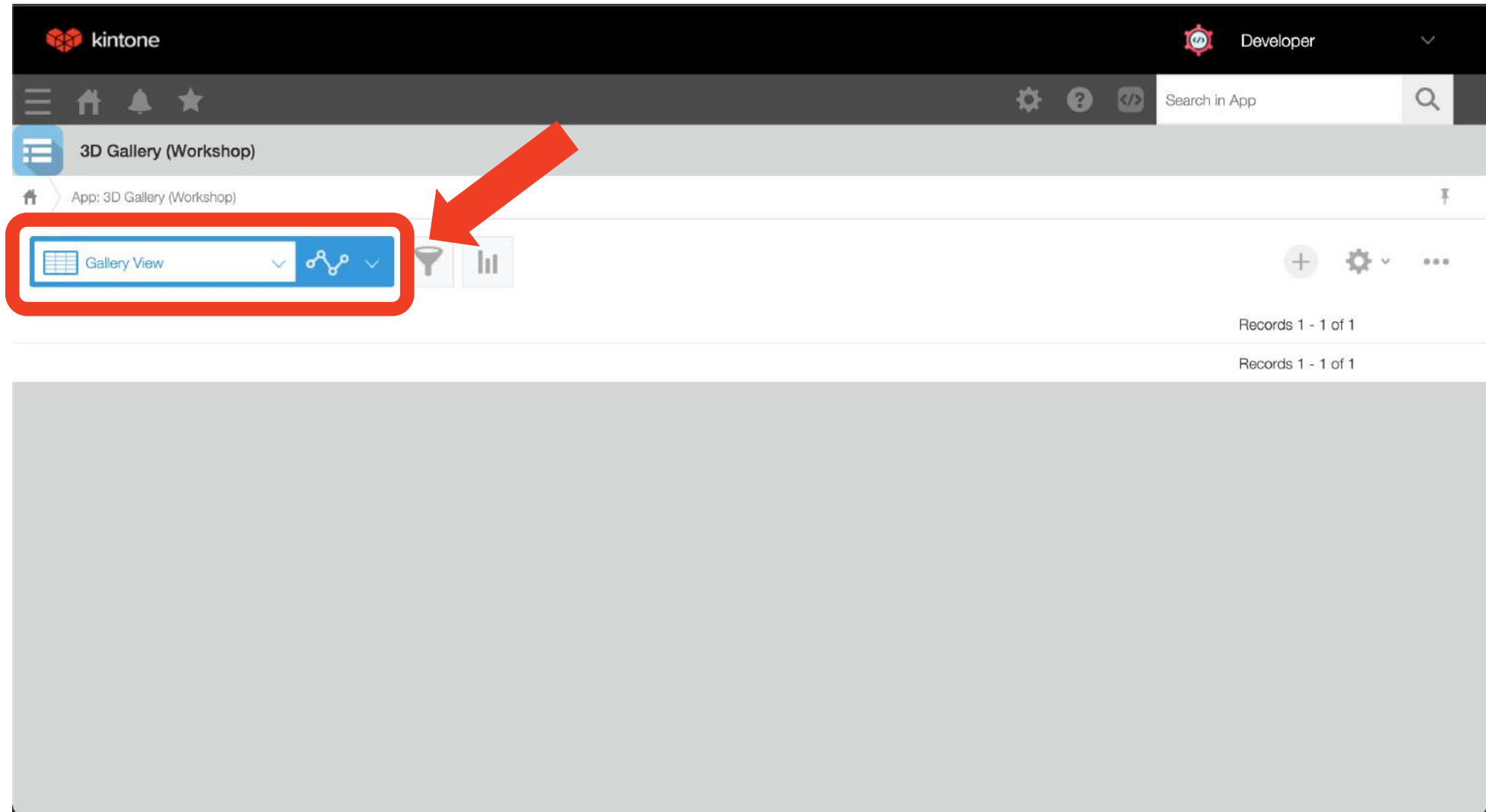
Let's go to the  
Custom View:  
Gallery View

The screenshot shows the Kintone interface for the '3D Gallery (Workshop)' app. The view selector dropdown is open, showing 'All records' selected. A red box highlights the dropdown, and a red arrow points to it. The table below shows one record: a Cube with Length 15, Width 7, and Depth 8.

Record number	Shape Type	Length	Width	Depth
1	Cube	15	7	8

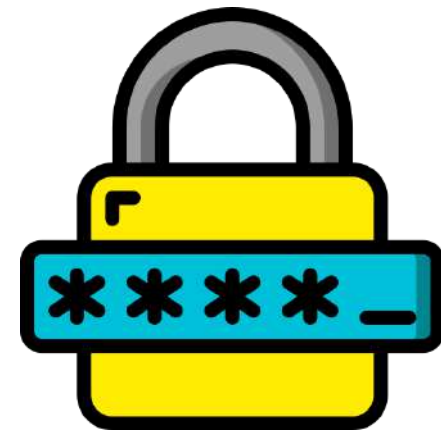
# Going to the Custom View

Since we have not completed the customization, we do not see anything... YET!



# Connect Kintone to the Project

1. Input Kintone Subdomain
2. Input Kintone Login Credentials
3. Input View ID from Custom View setting
4. Update App ID in  
`customize-manifest.json`



# Go inside the .env.example file

- **.env.example** file is used to verify that **.env** file is correctly configured
- **Duplicate** this file & name it "**.env**"

```
KINTONE_BASE_URL=  
KINTONE_USERNAME=  
KINTONE_PASSWORD=  
VIEW_ID=
```

# Example .env file

```
KINTONE_BASE_URL="https://example.kintone.com"  
KINTONE_USERNAME="example@gmail.com"  
KINTONE_PASSWORD="ILoveKintone!"  
VIEW_ID="1234567"
```

# Where to get the View ID?

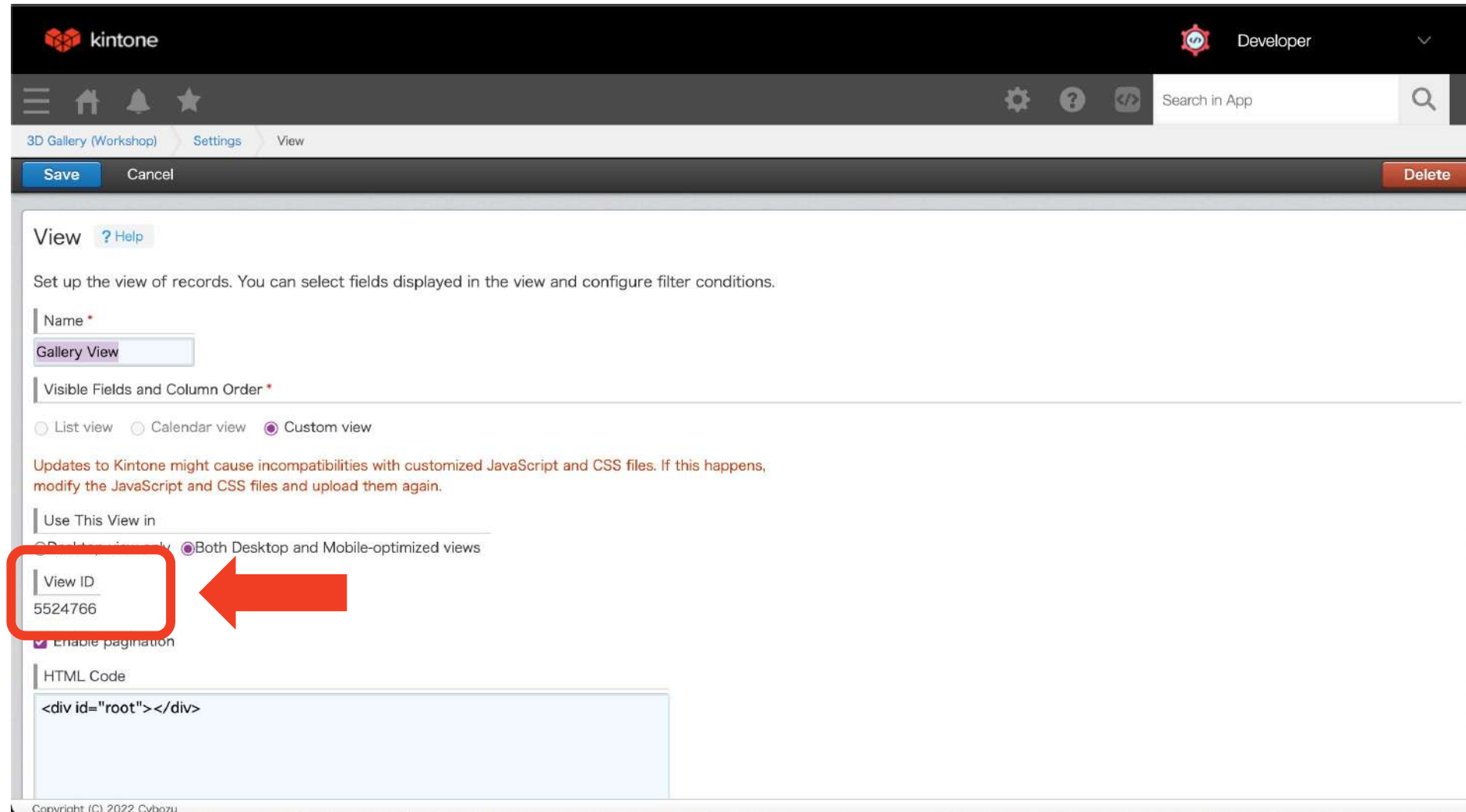
Go to the App

→ App Settings 

→ View Tab

→ Search Bar View

→ Get View ID



The screenshot shows the Kintone Developer interface for editing a view. The top navigation bar includes the Kintone logo, a 'Developer' dropdown, and a search bar. The main content area is titled 'View' and contains instructions: 'Set up the view of records. You can select fields displayed in the view and configure filter conditions.' Below this, there are sections for 'Name' (with a text input field containing 'Gallery View'), 'Visible Fields and Column Order' (with radio buttons for 'List view', 'Calendar view', and 'Custom view'), and 'Use This View in' (with radio buttons for 'Both Desktop and Mobile-optimized views'). The 'View ID' field is highlighted with a red box and a red arrow pointing to it, showing the value '5524766'. Other fields include 'HTML Code' (with a text area containing '<div id="root"></div>') and 'Enable pagination' (checked).

View ? Help

Set up the view of records. You can select fields displayed in the view and configure filter conditions.

Name \*

Gallery View

Visible Fields and Column Order \*

☐ List view ☐ Calendar view ☒ Custom view

Updates to Kintone might cause incompatibilities with customized JavaScript and CSS files. If this happens, modify the JavaScript and CSS files and upload them again.

Use This View in

☒ Both Desktop and Mobile-optimized views

View ID

5524766

☒ Enable pagination

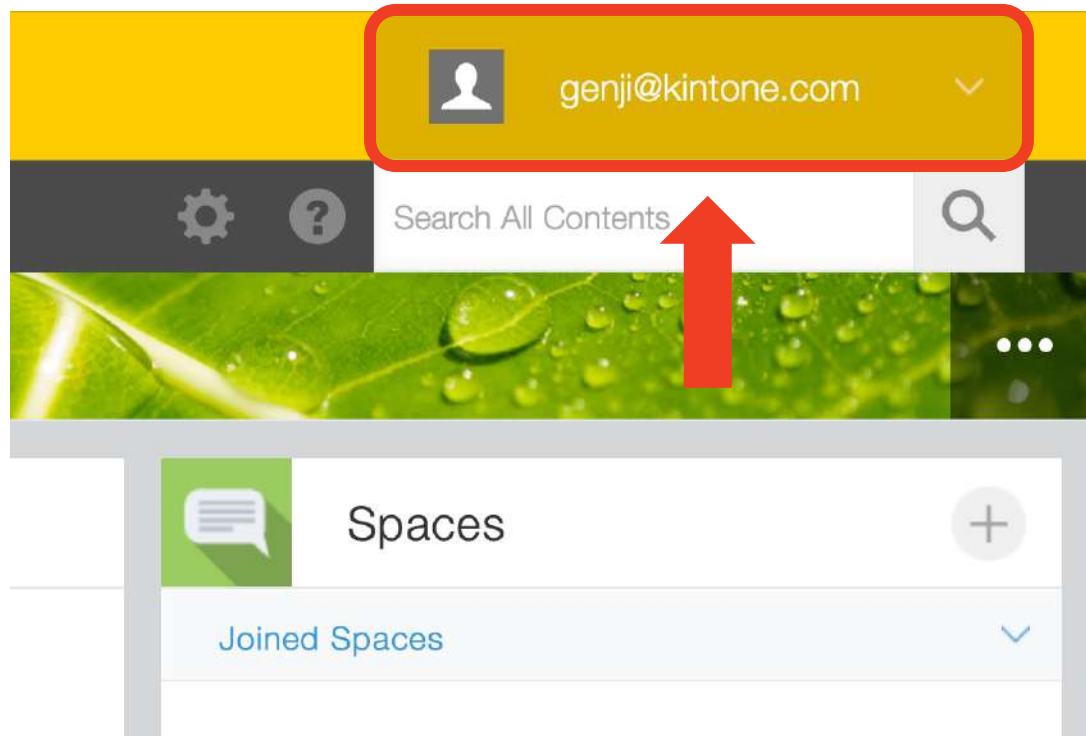
HTML Code

<div id="root"></div>

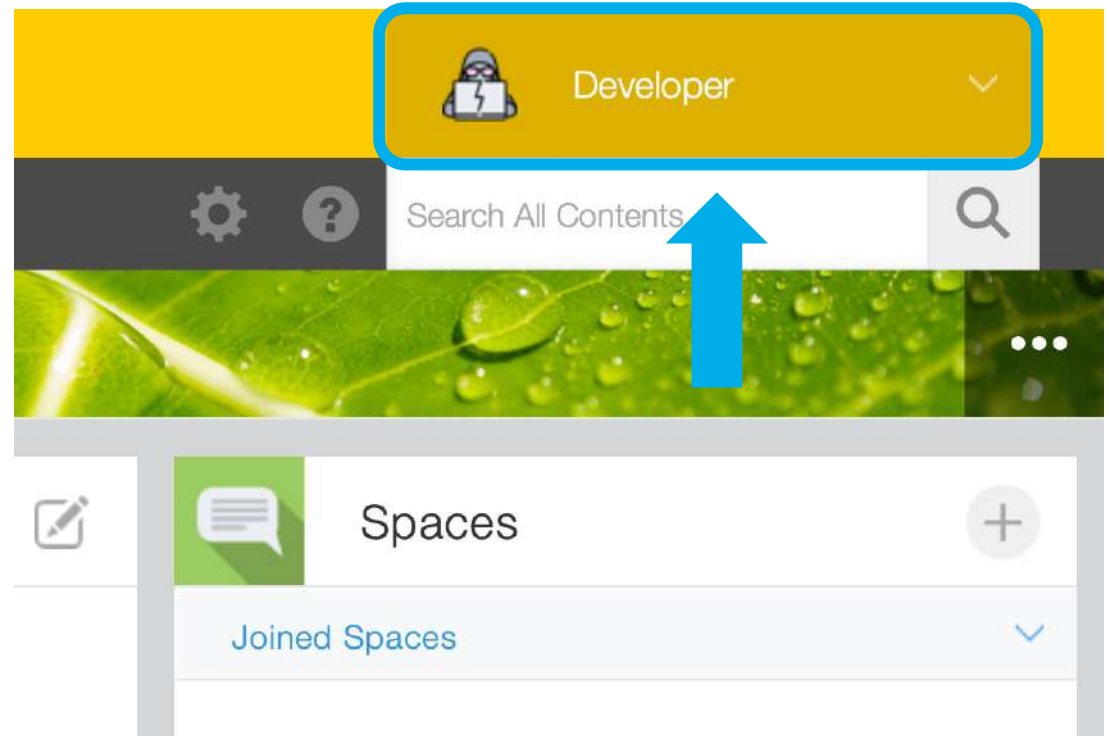
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# Where to get the Username ?



**Default: Email address**




**If modified: Display Name**

# Go inside the customize-manifest.json file

- **customize-manifest.json** file is Kintone Customize Uploader's configuration file
- Replace the **23** with your App's ID
- If it is your first Kintone App, it would be **1**

```
{  
  "app": "23",  
  "scope": "ALL",  
  "desktop": {  
    "js": ["dist/KintoneCustomization.js"],  
    "css": []  
  },  
  ...  
}
```



# Time to Explore the Code

1. Code Overview
2. Complete the React Components
3. `npm run start`



# Next Steps

What are the next steps you can take?



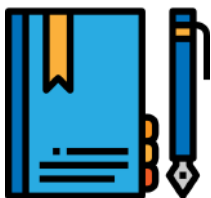
- Add an input form to add shapes to the scene and save them to the database



- Animate the shapes to move along a path



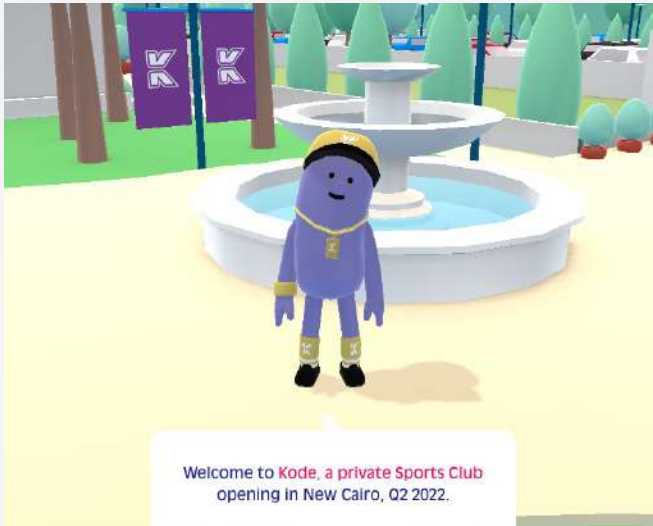
- Add keyboard controls to fly around your scene



- Share your experience on dev.to!

# What can you do with THREE.JS?

## Fully interactive



[kodeclubs.com](https://kodeclubs.com)

## 3D Backgrounds



[github.com/home](https://github.com/home)

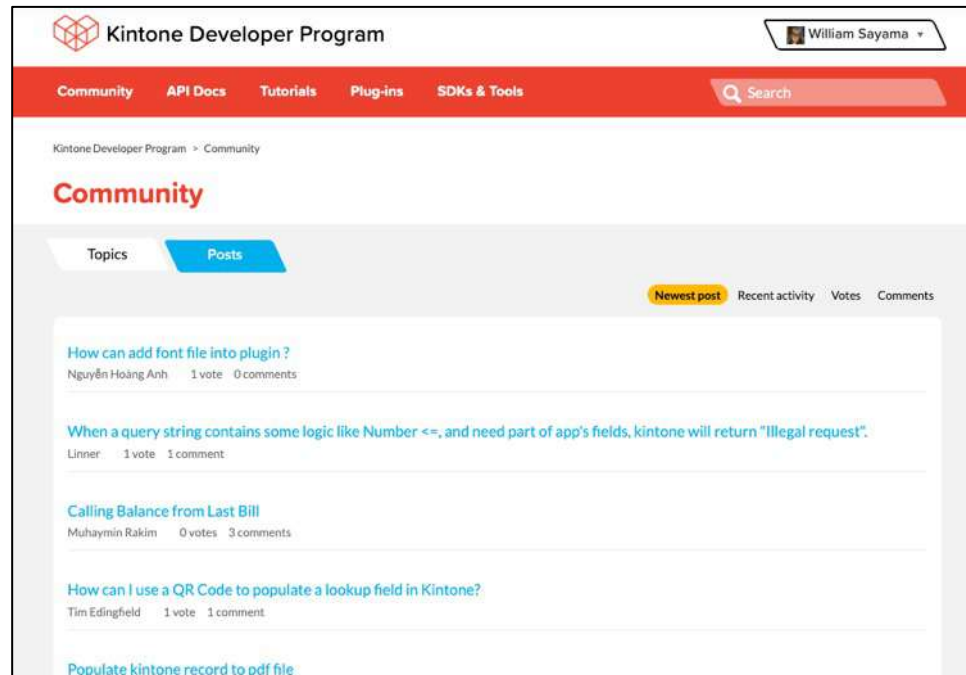
## More Parallax!



[guillaumegouessan.com](https://guillaumegouessan.com)

# Where Can I Get Help?

If you're stuck, share your code on the Kintone Developer Community forum or on Stack Overflow!





Any  
Questions?

[developer.kintone.io](https://developer.kintone.io)



# Thank You!



# Thank You to Our Community Partners!



**HackBuddy by JavaScriptLA**

# Join Our Future Workshops!



We are cooking up **new content**  
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**[bit.ly/KDP\\_Events](https://bit.ly/KDP_Events)**



# Bring a Buddy Campaign!



**For every friend you invite & joins the workshop,  
you will receive an additional entry in the  
Amazon Gift Card raffle!**

# Workshop Recording on YouTube

This workshop's recording will be posted on  
our YouTube Channel!

Our past workshops are posted as well:

Charts: Bubble Cloud, Word Cloud

Introductions: REST API, JS Promise, React x Kintone



**[bit.ly/KDP\\_Video](https://bit.ly/KDP_Video)**

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**Fill out our quick survey for a  
chance to win a  
\$25 Amazon gift card!**



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SWAG!**

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