



# Welcome to the

# React x Web Database Workshop!



Recording will  
be on YouTube

Download  
Code & Slide

[bit.ly/SearchBar\\_2](https://bit.ly/SearchBar_2)

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)



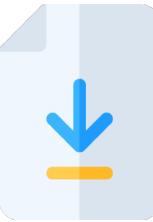
Asking Questions  
& Raising Hands

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 [ahansel/Kintone\\_React\\_Search\\_Bar](https://github.com/ahansel/Kintone_React_Search_Bar) Repo and go inside the folder.

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

Run these commands  
from your terminal

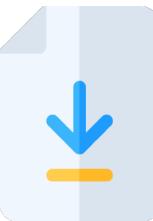
```
cd Downloads  
  
git clone -b workshop https://github.com/ahansel/Kintone_React_Search_Bar  
  
cd Kintone_React_Search_Bar  
  
npm install  
  
npm install -g @kintone/customize-uploader
```



We will use this repo as  
the starting point

## ⚡ Notes ⚡

⚡ React requires Node > 10.16 & npm > 5.6 ⚡



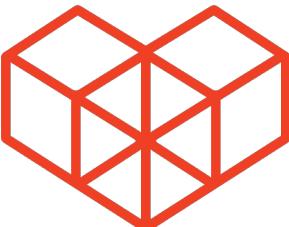
# Download the Code & npm install

- Installing these dependencies takes time so run it in the background
- Details are listed in the **Get Started** section

```
cd Downloads  
git clone -b workshop  
https://github.com/ahandsel/Kintone\_React\_Search\_Bar  
  
cd Kintone_React_Search_Bar  
npm install  
npm -g @kintone/customize-uploader
```



# #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 a web browser window with the Kintone logo at the top. The main content is a sign-up form for the "Kintone Developer Program". The form includes fields for "Your full name \*", "Your email \*", and a "reCAPTCHA" checkbox labeled "I'm not a robot". A large blue "Sign up" button is at the bottom.

Sign up to Kintone Developer Program

Please fill out this form, and we'll send you a welcome email so you can verify your email address and sign in.

Your full name \*

Your email \*

I'm not a robot

reCAPTCHA

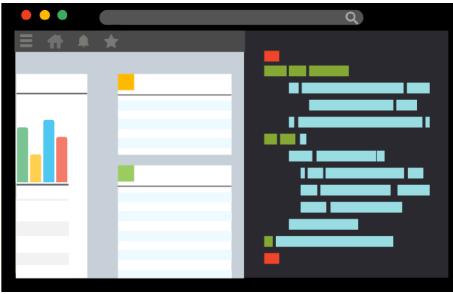
Privacy - Terms

Sign up

Cancel



# #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 ✓

**Terms of Service for the Developer License**

The account holder of this developer program who applies for the license (hereinafter referred to as "User") must comply with all of the provisions and the following conditions set out by Kintone Corporation (hereinafter referred to as "Kintone"), who will provide a Kintone developer license to the User.

[Kintone Developer License Terms of Service](#)

**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*

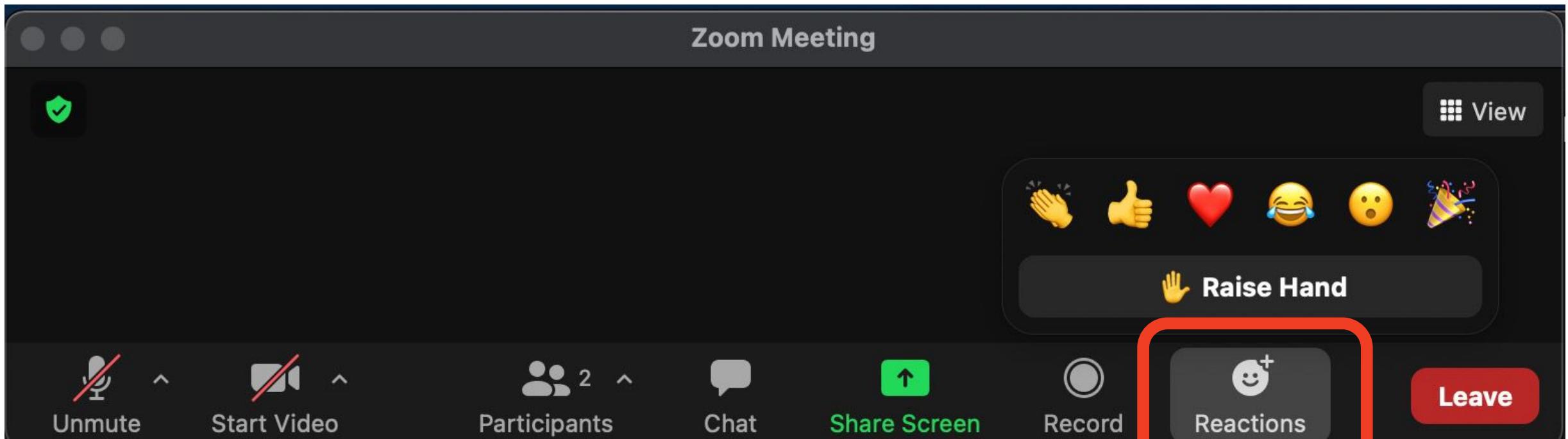
I agree with the [Kintone Developer License Terms of Service\\*](#)

protected by reCAPTCHA Privacy - Terms

[Sign Up](#)



# Let's Practice using Zoom's Reactions

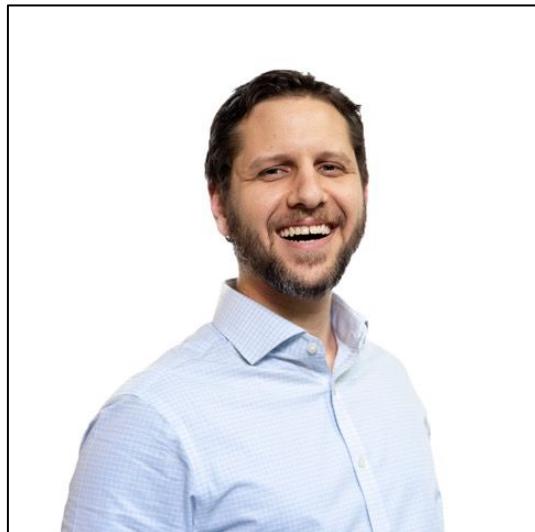


This helps us out who to look out for throughout this workshop.



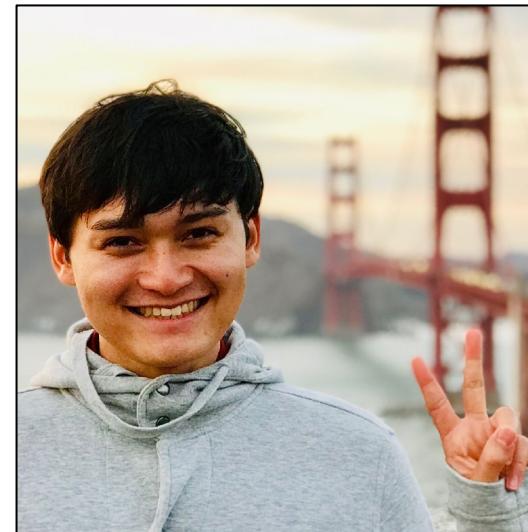
# Hello From Kintone

Nim



Will

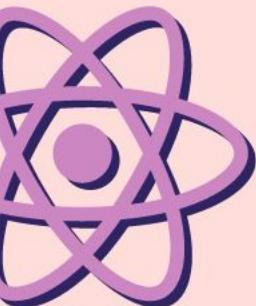
Genji



Sean



# Build a React Search Bar that Queries a Database!



React & Web Database Workshop

# What We Will Make Today

A screenshot of a digital interface, likely a database or search tool. At the top left is a blue header bar with a grid icon and the text "root - 5527028". To its right are two dropdown menus with downward arrows. Further right are three icons: a funnel for filtering, a bar chart for analysis, and a magnifying glass for search. Below this header is a search bar with the placeholder "Search Manga Titles" and a magnifying glass icon on the right. The main content area contains a list of manga titles, each preceded by a bullet point.

Search Manga Titles

Records 1 - 20 of 178 >

- Golden Kamuy written by Satoru Noda
- Hachiwan Diver written by Yokusaru Shibata
- Kimetsu no Yaiba written by Koyoharu Gotouge
- Batuque written by Toshio Sako
- Usogui written by Toshio Sako
- Gunnm written by Yukito Kishiro
- One Piece written by Eiichiro Oda
- Golgo 13 written by Takao Saito
- Dragon Ball written by Akira Toriyama
- Detective Conan written by Gosho Aoyama
- Naruto written by Masashi Kishimoto
- Doraemon written by Fujiko F. Fujio
- Kochikame: Tokyo Beat Cops written by Osamu Akimoto
- Demon Slayer: Kimetsu no Yaiba written by Koyoharu Gotouge
- Crayon Shin-chan written by Yoshito Usui
- Oishinbo written by Tetsu Kariya, Akira Hanasaki
- Bleach written by Tite Kubo
- Slam Dunk written by Takehiko Inoue



# Workshop Overview

## Project Setup

- Install Dependencies
- Configure Settings
- Set Environment Variables
- Running Scripts

## Kintone

- Workplace Platform
- Web Database
- Create Manga DB & Import Data
- Custom View Feature

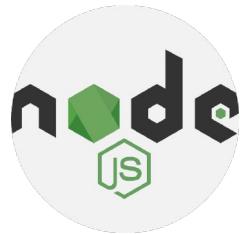
## Search Bar Build

- Getting record data
- Outputting records as a list
- Filter records by user input
- Update the displayed list

# Download the Repo

- Installing these dependencies takes time so run it in the background
- Details are listed in the **Get Started** section

```
cd Downloads  
git clone -b workshop  
https://github.com/  
ahandsel/Kintone_React_Search_Bar  
  
cd Kintone_React_Search_Bar  
npm install  
  
npm -g @kintone/customize-uploader
```



# Check Node.js & npm version

## Check the versions

Check the versions in  
*Kintone\_React\_Search\_Bar*

```
$ node -v  
$ npm -v
```

Required for React:

Node ≥ 10.16 & npm ≥ 5.6

## If missing, install

New to Node.js?  
Check out README's [Guide on  
Installing Node.js & npm](#) section

There is a companion video:

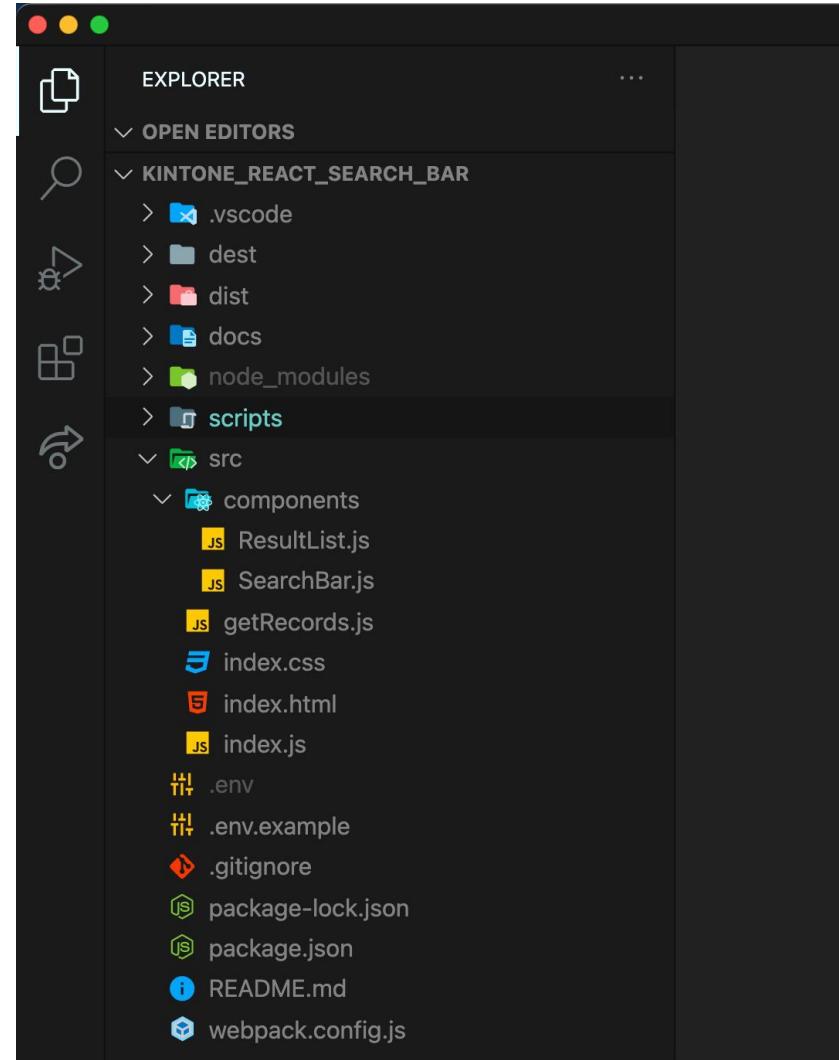


[youtu.be/4Kw-i\\_rX3tY](https://youtu.be/4Kw-i_rX3tY)

# Overview of the Repo

```
Kintone_React_Search_Bar/
├── README.md
├── dest/customize-manifest.json
├── dist/KintoneCustomization.js
├── docs
├── package-lock.json
├── package.json
├── scripts/npm-start.js
└── src
    ├── components
    │   ├── ResultList.js
    │   └── SearchBar.js
    ├── getRecords.js
    ├── index.css
    ├── index.html
    └── index.js
webpack.config.js
```

Files We Will  
Look Inside

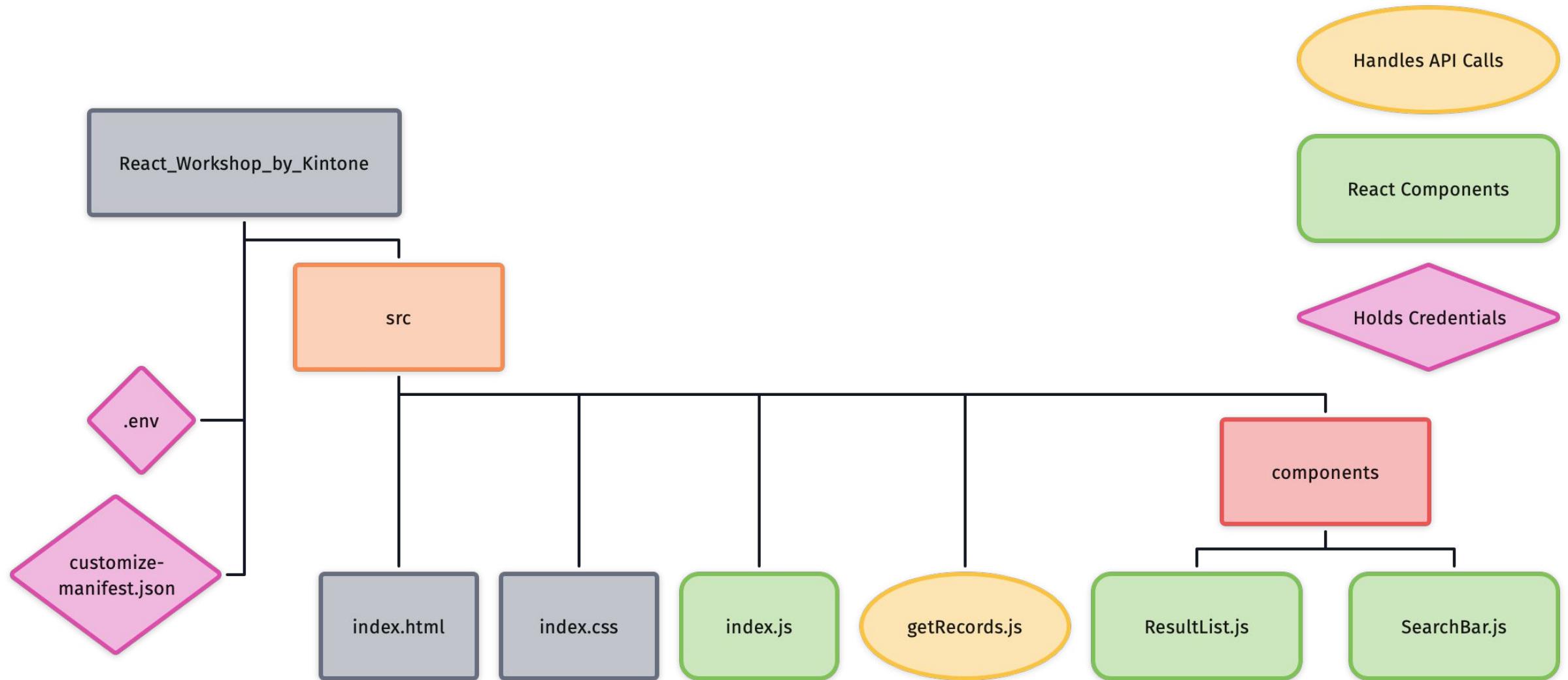


Open the Repo  
in VS Code

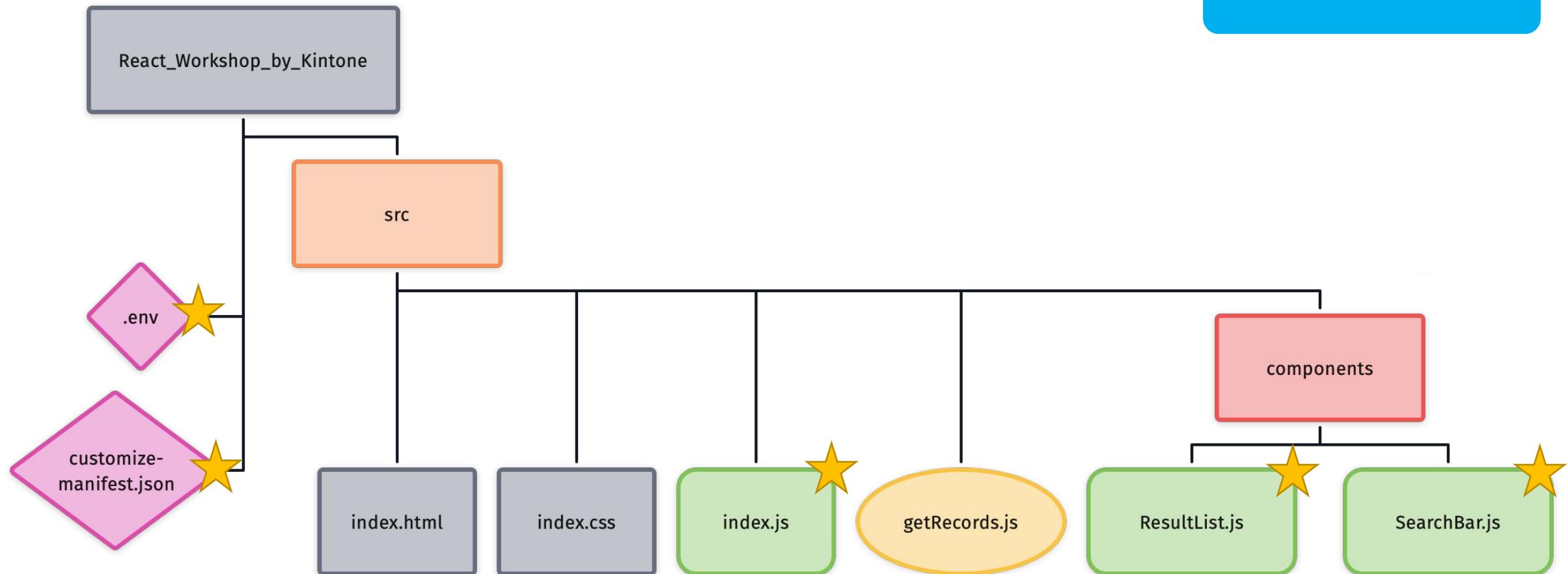
Show All

14 Star

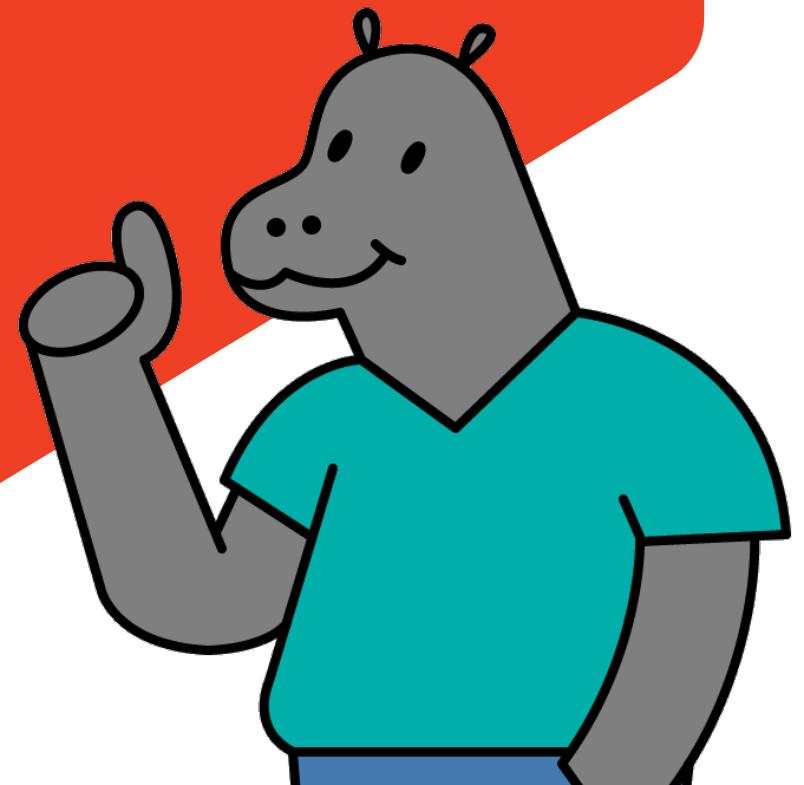
Tog



We will be editing  
the started files

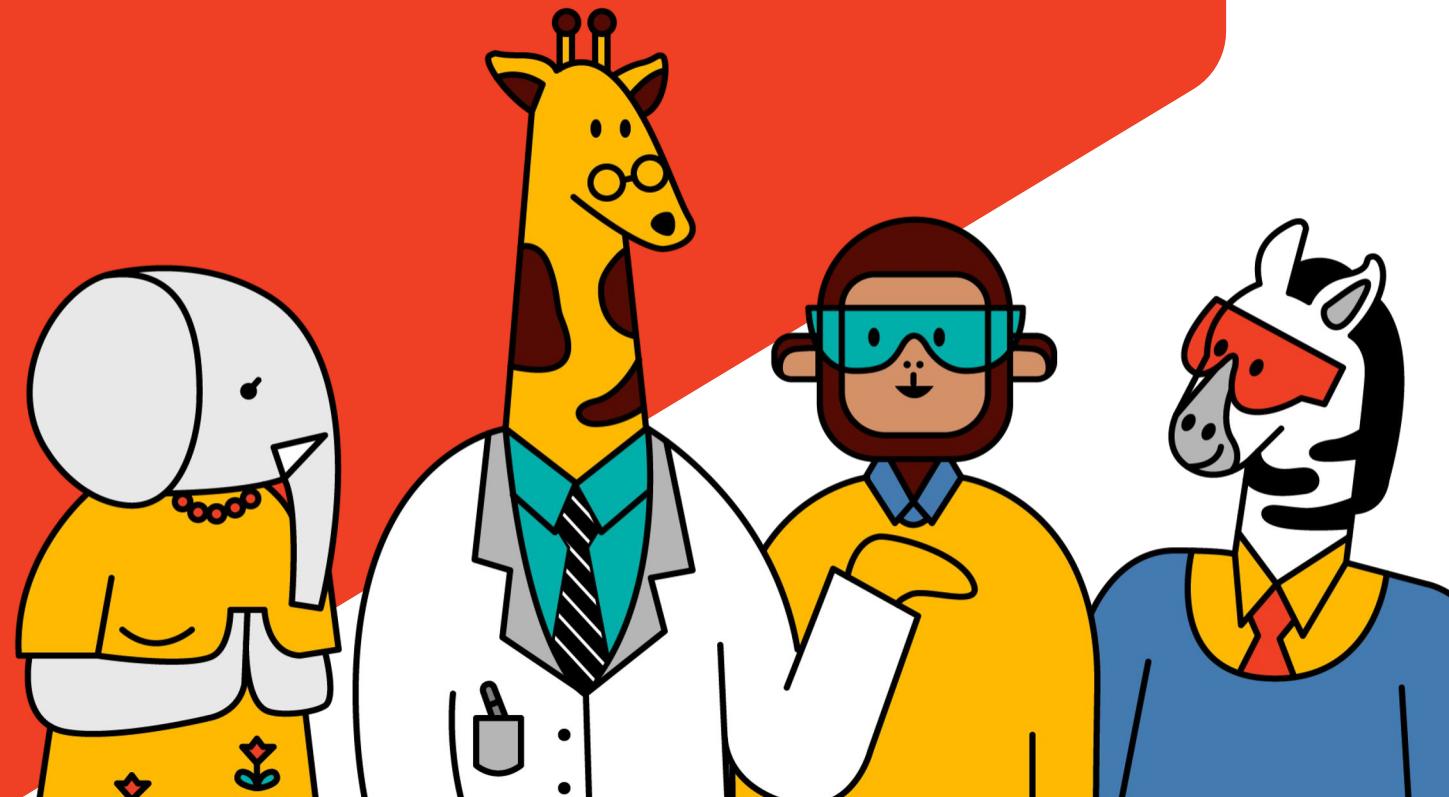


# Quick check-in with Zoom polling



# What is Kintone?

Built for teamwork,  
designed by you



# What is Kintone?

The screenshot displays the Kintone interface with several sections:

- Announcement:** A green header bar with the word "Sales".
- Customer Database:** Shows three cards: "Customer Database" (Admin:Green), "Sales Leads" (Admin:Green), and "Contact Log" (Admin:Green).
- Dashboard:** Contains two charts:
  - A bar chart titled "[Of] Sales Leads: Monthly Expected Sales (per priority)" showing sales for Middle, High, and Low priorities from April 2019 to March 2020.
  - A pie chart titled "Total(Amount)" showing the distribution of sales by creator type: Int Creator (30.1%), T/C (14.0%), Viewer (10.3%), Form Creator (4.5%), and kintone (41.5%).
- Threads:** A list of threads: "Deal Flow" (Apr 3 11:24 AM), "Sales Division" (Apr 1 11:49 PM), and "Monthly Reports" (Apr 1 11:45 PM). "Monthly Reports" is selected.
- Apps:** A list of databases: Vendor Database, Item Database, [Of] Product List, [Of] Invoices, [Of] Seminar Survey, [Of] Attendee Lists, [Of] Event Calendar, [Of] Activity Log, [Of] Sales Leads, and [Of] Customer Database.
- People:** A list of members: Hiroko ..., Mary Si..., John S..., Rudy Red, Polly Pink, Bill Blue, Glen Gr..., Paul Gray, Mark Pe..., Dannie ...

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

# Where Kintone is Special!



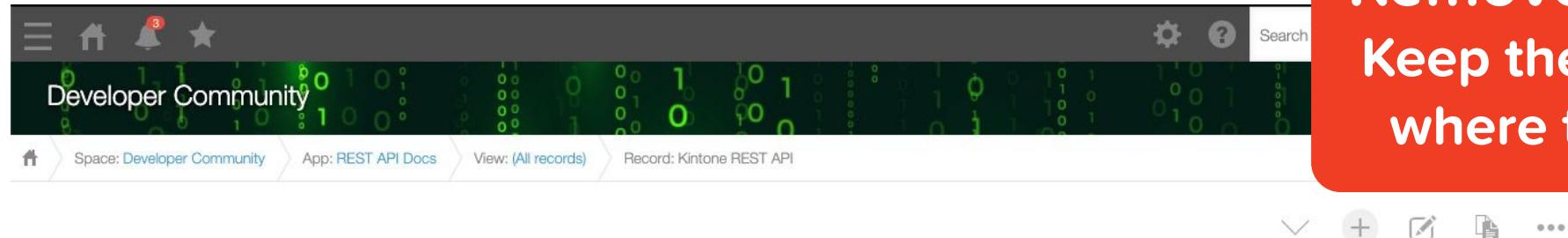
# Missing - Unified Communication

## Data Silos

Information is not being  
shared effectively

**Scattered Communication**  
Unclear where the  
conversation is happening

# What is Possible?



Where  
Data  
Lives

A screenshot of a Kintone API documentation page. It shows fields for EN Section (API Info), EN API Group (Kintone REST API), and EN Method (GET). Below these are fields for EN API Name (Get API Schema) and EN URL (Endpoint) (/k/v1/apis/\*.json). There is also an EN Article Link (<https://developer.kintone.io/hc/en-us/articles/115006107628>). A 'Fix History' section includes a table:

Table

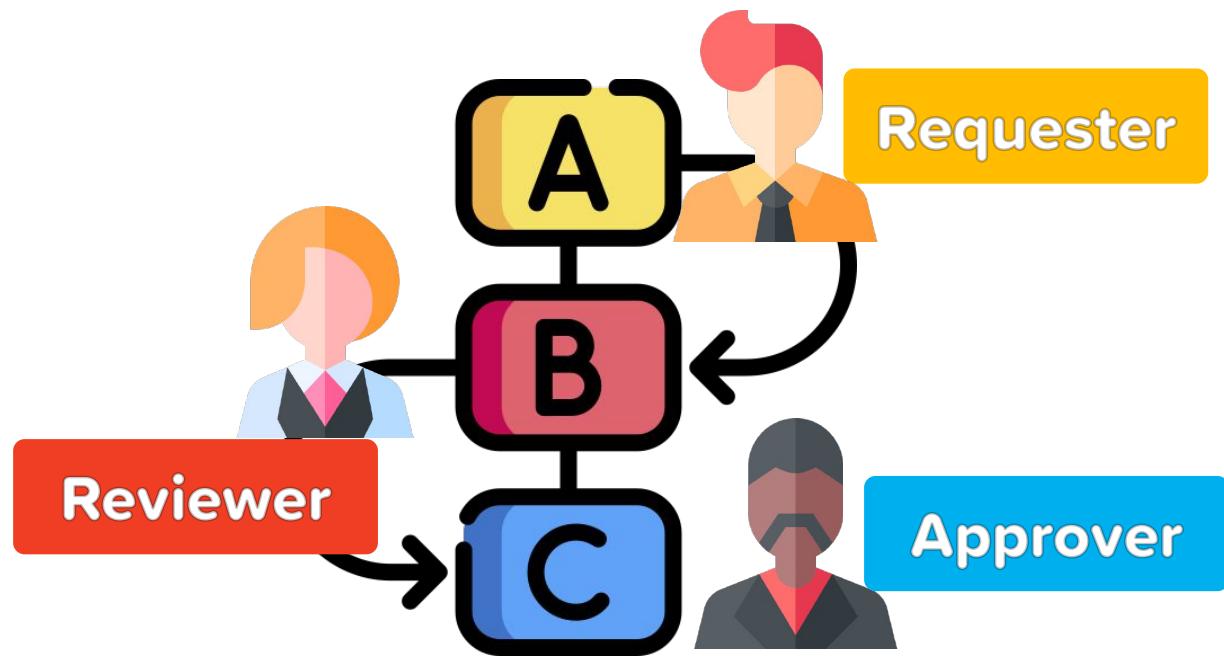
Date	Fixed By	Before	After	Fix Details
Aug 27, 2020	Clare - Support			Fixed the GET API List API link Added apis.{key}.link

A screenshot of a Kintone comment thread. The first comment is from '3: Clare - Support' (@Sharon - Developer @Genji) at Aug 27, 2020 1:29 AM, stating 'Done!'. The second comment is from '2: Sharon - Developer' (@Genji) at Aug 27, 2020 1:28 AM, replying 'Oh, shoot, thanks for catching my mistake!'. The third comment is from '1: Genji' (@Clare - Support) at Aug 27, 2020 1:27 AM, replying 'Please take a look at this document.' A red callout box on the right contains the text: 'Where Communication Lives'.

Where  
Communication  
Lives

# Workflow

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



Developer Community

Space: Developer Community App: KDP Event View: Summary Record: No Server Data Visualization: Build a W

Assign Reporter Change Assignee

Next Status:  
Writing Report

Select Assignee:

- Genji
- Sharon - Developer
- John - Manager
- Clare - Support

Cancel Confirm

Write your comment here.

Community

Project

Support

Event Image

No Server Data Visualization JS Build a Word Cloud!

tickets-115435658161

2: John - Manager @Genji Assign this even to @Clare - Support

1: Genji @Sharon - Developer They together such a great w

Like Reply

Like Reply

# Kintone Apps

The screenshot shows the Kintone Shared To Do app interface. At the top, there's a navigation bar with icons for home, search, and settings, along with a 'Search in App' field. Below the header, a banner reads: "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." The main area is a table titled "My To Do" with the following columns: To Do, Priority, Due date, Status, Details, and Attachment. The table contains five records:

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

At the bottom of the table, it says "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

Form Views Graphs App Settings

Save Form

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

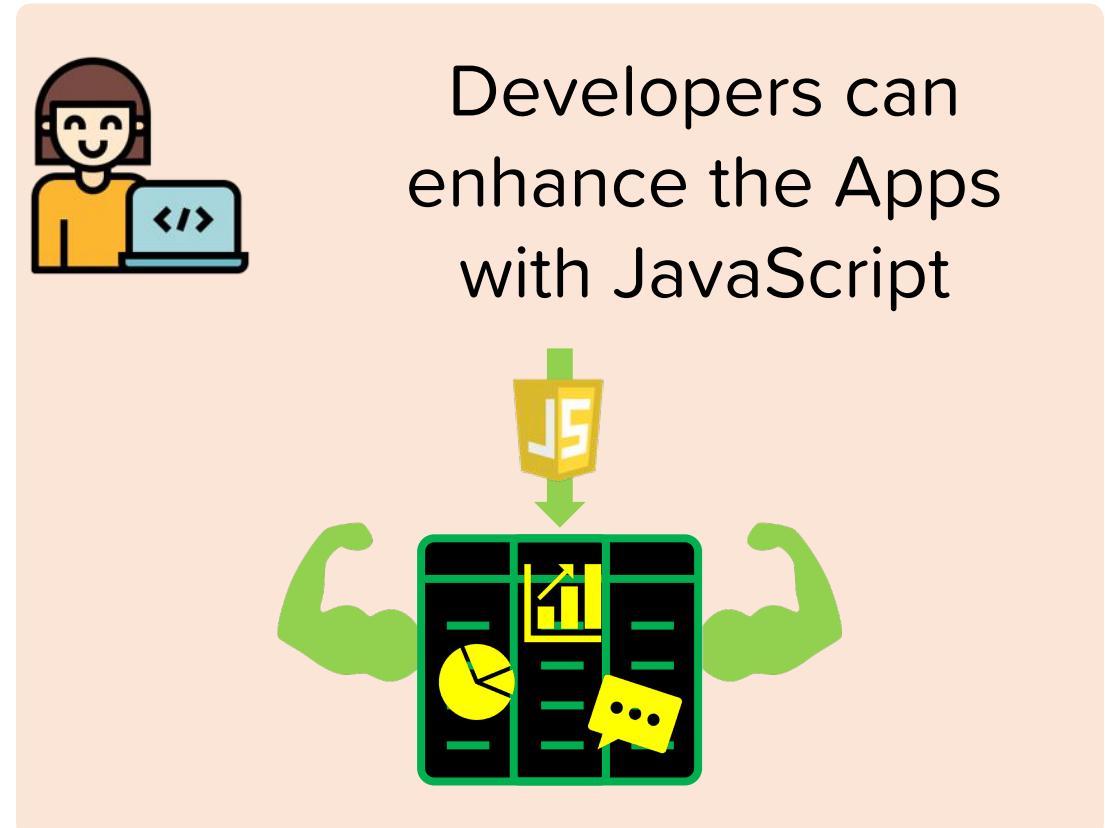
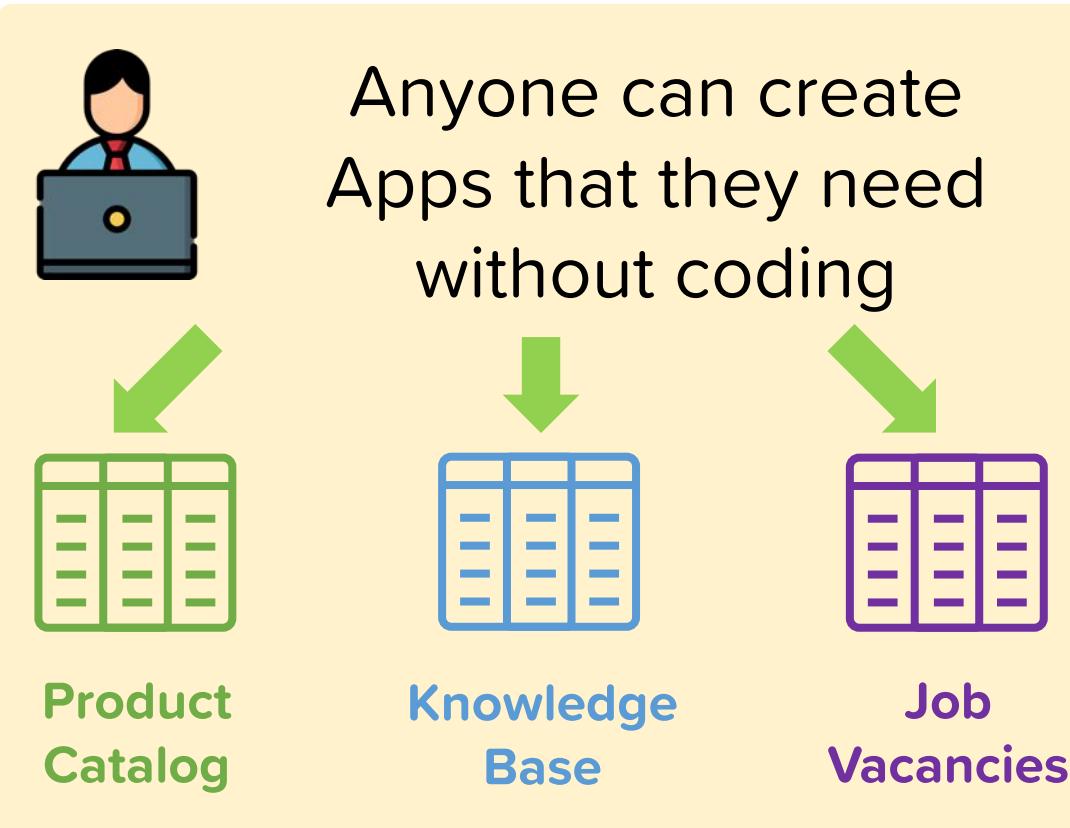
Discard Changes Update App

**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!

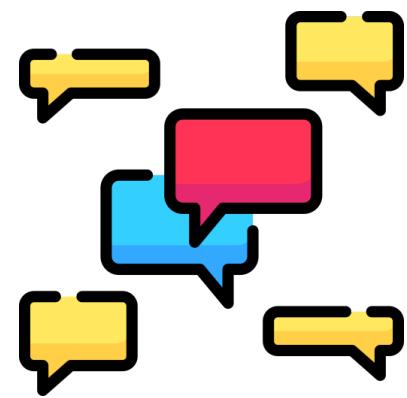
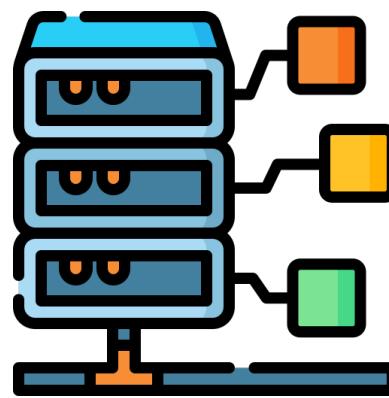
As a **no-code & low-code platform**, Kintone supports non-coders with visual programming UI while enabling sophisticated customization



# Fulfill the Promise of *Groupware*

Share meaningful insights about the data that become operationalized quickly.

**Data + Communication**



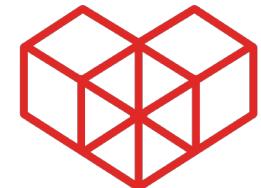
**Insight**



**Action**



# How Developers Contribute

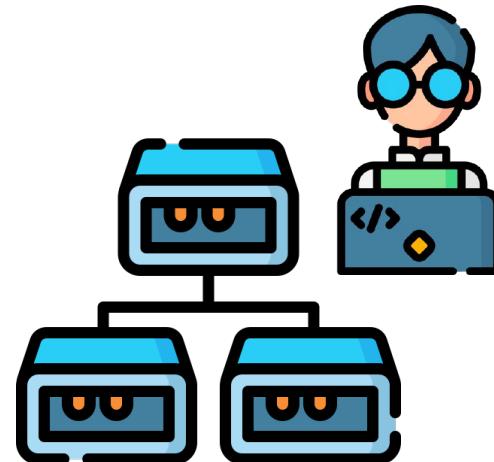


**kintone**  
developer program

# How Developers Contribute

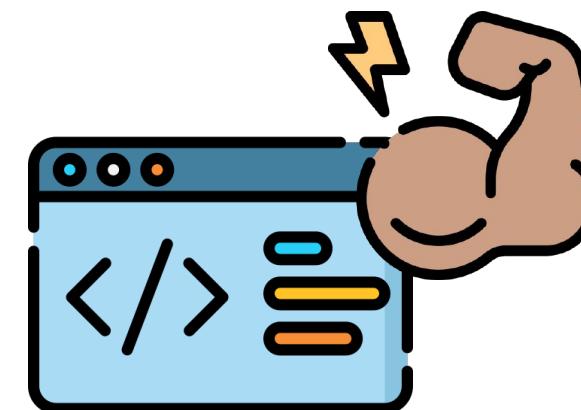
## Command Center

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



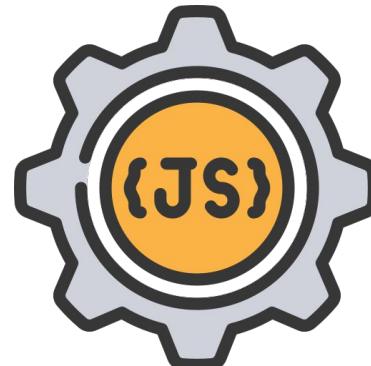
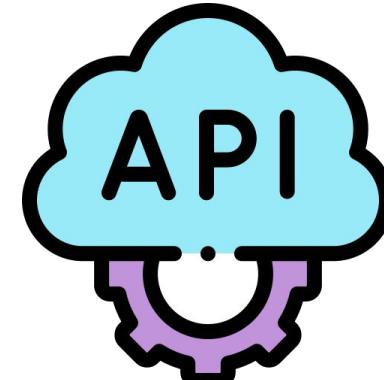
## Enhancements

- Develop JavaScript customizations
- Build & share extensions



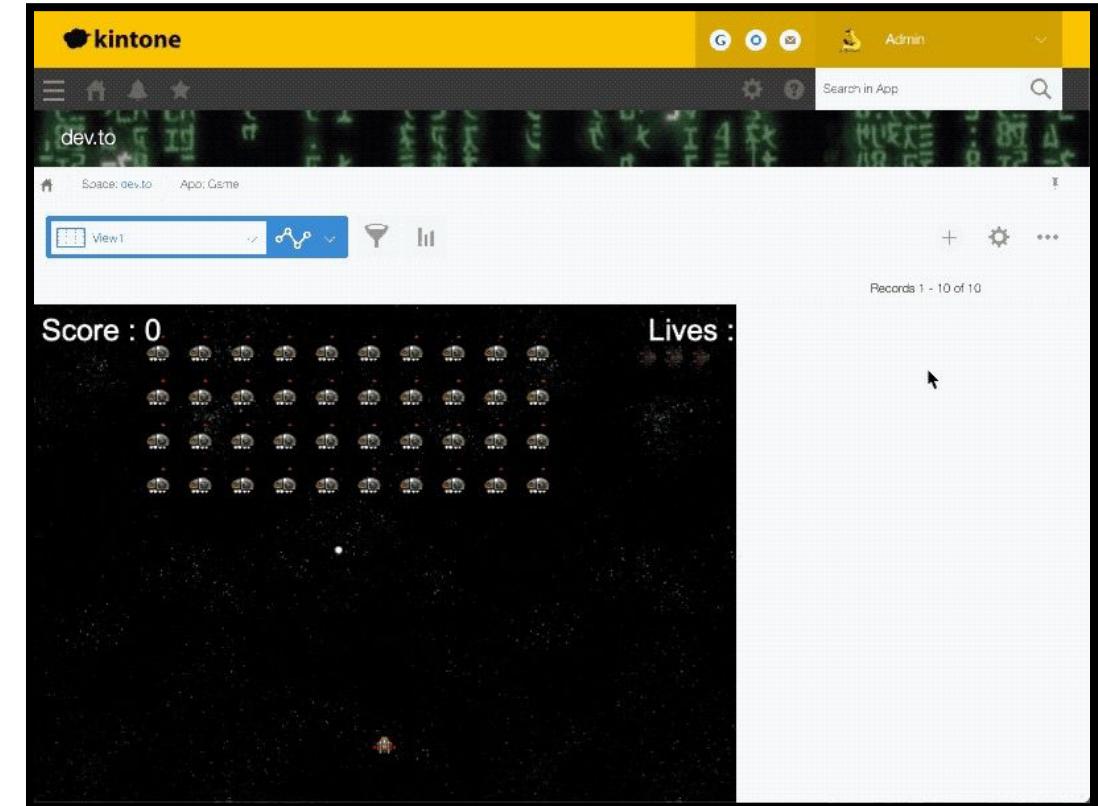
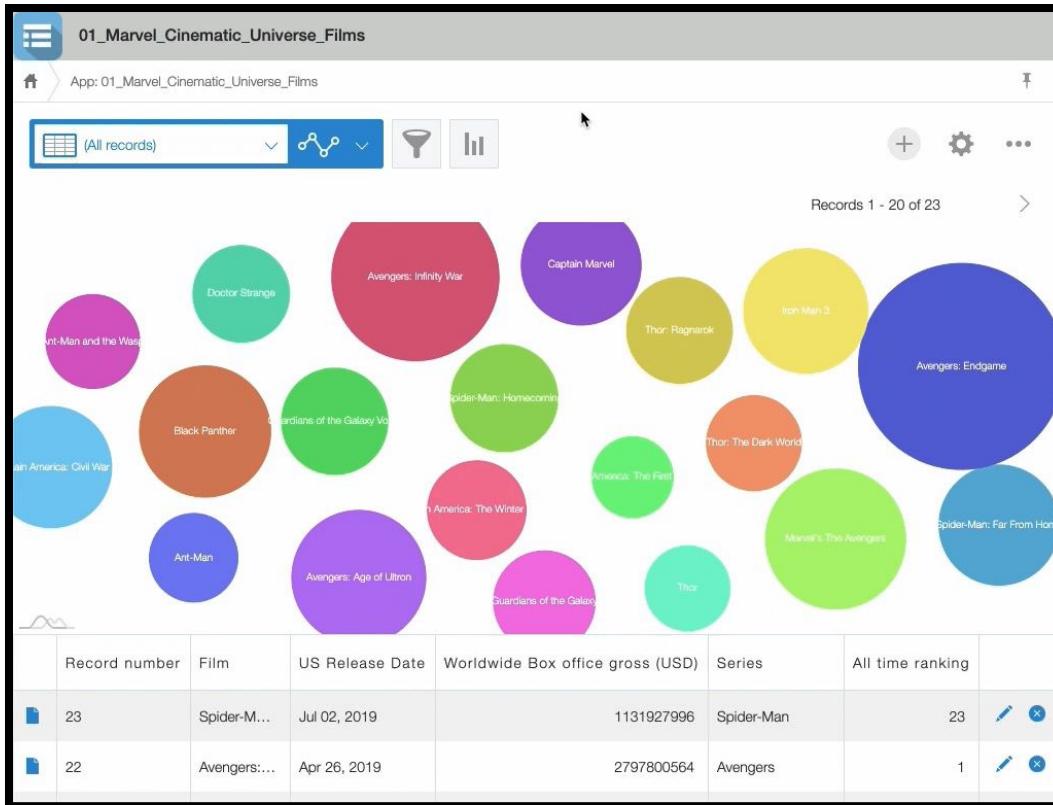
# Tools Inside Kintone

- 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!

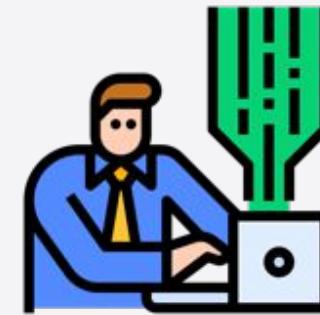
# Kintone For Creating Revenue



Create & sell  
Kintone  
extensions



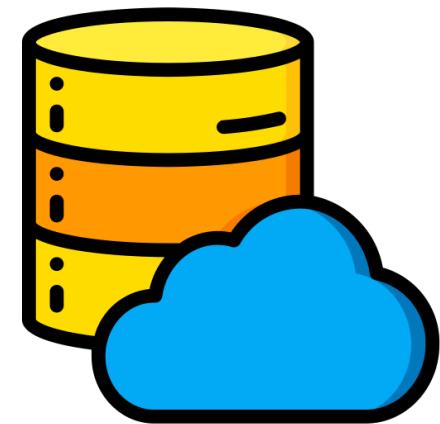
Consult with firms  
on achieving  
business goals



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...

The screenshot shows a Gmail inbox with one email. The subject is "Welcome to Kintone! One More Step to Developer License". The sender is "Will Sayama akihiro-sayama@cybozu.com via bf06x.hubspotemail.net to me". The email body contains an orange banner with the kintone logo and the text "ONE MORE STEP FOR YOUR DEVELOPER LICENSE!". Below the banner, there is a message: "Howdy! Please click the button below to activate your developer license and complete the sign-up process." followed by a red "Activate Now" button. At the bottom, it says "Only valid for 24 hours. Please click [here](#) if an error is displayed after the expiration. Your subdomain name is devevents2."

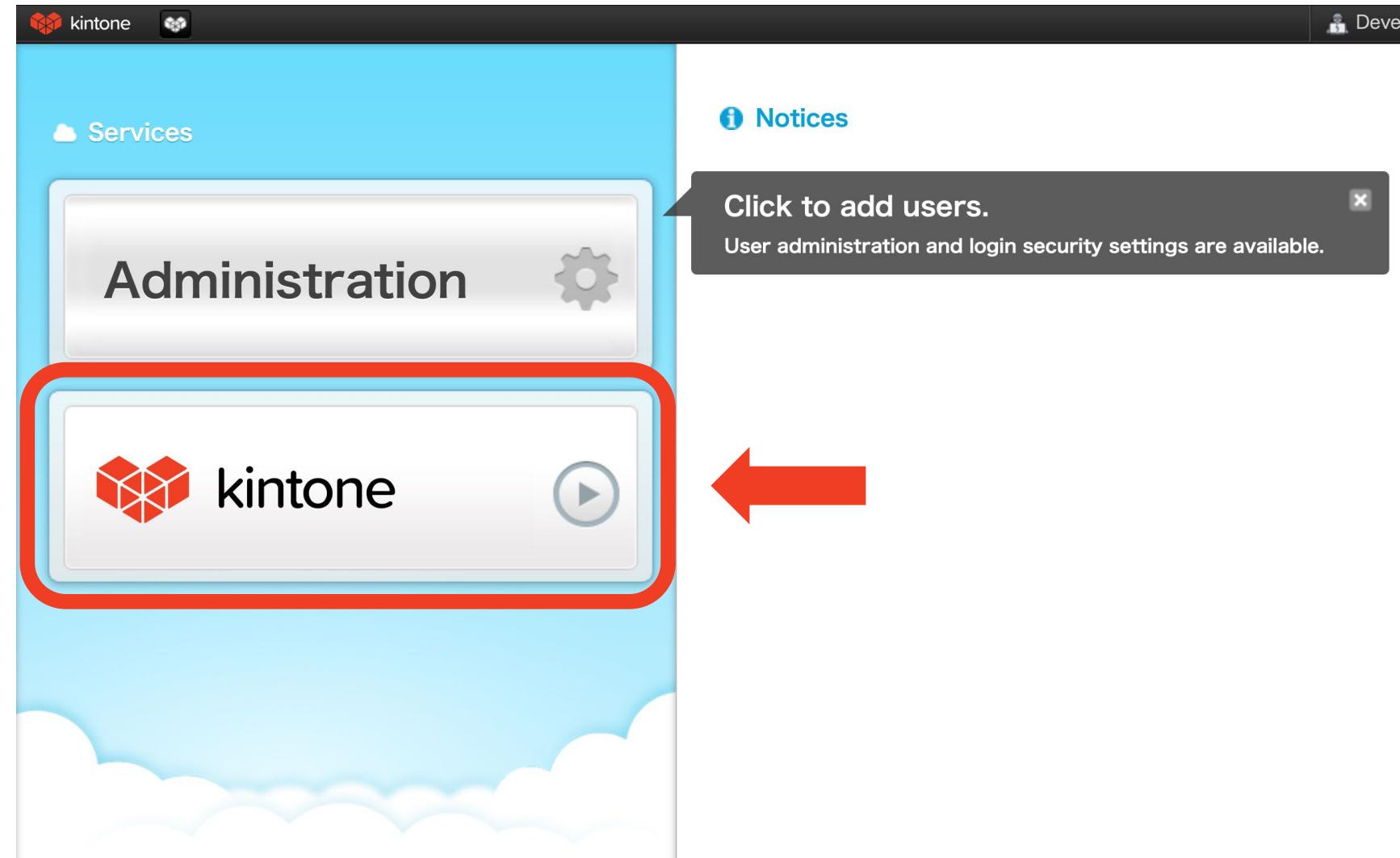
**YOUR\_SUBDOMAIN.kintone.com**

The screenshot shows a web browser window with the URL "https://your\_subdomain.kintone.com/...". The page title is "Set Initial Password". It has two input fields: "New Password" and "Confirm New Password". Below the "New Password" field is a note: "Enter minimum 8 characters, including both letters and numbers." At the bottom is a blue "Set Password" button.

# Let's Log into Kintone

Click on Kintone button on the Left side

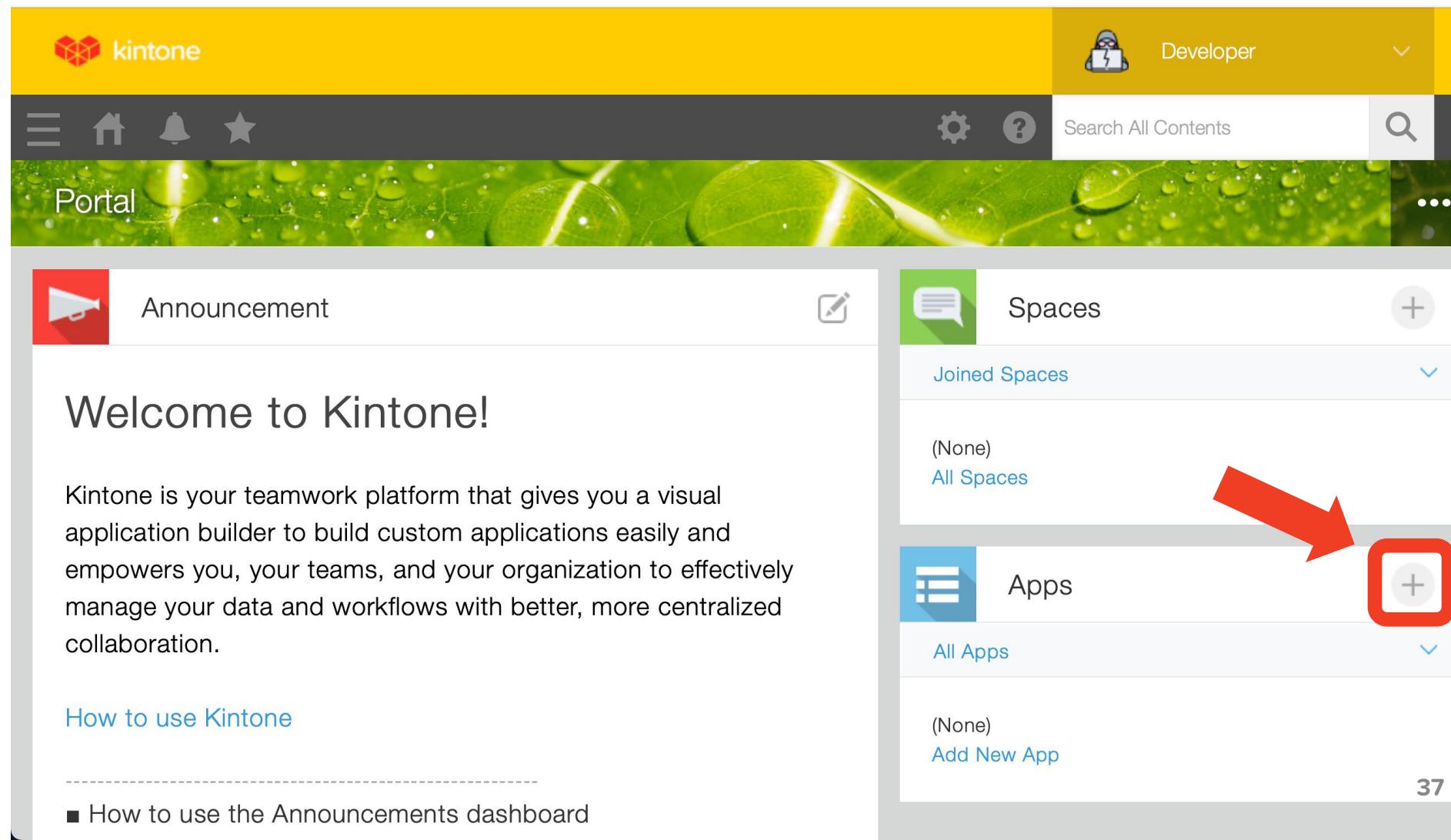
The email has the initial registration link & subdomain



# Create a Kintone Database App

From the Portal screen

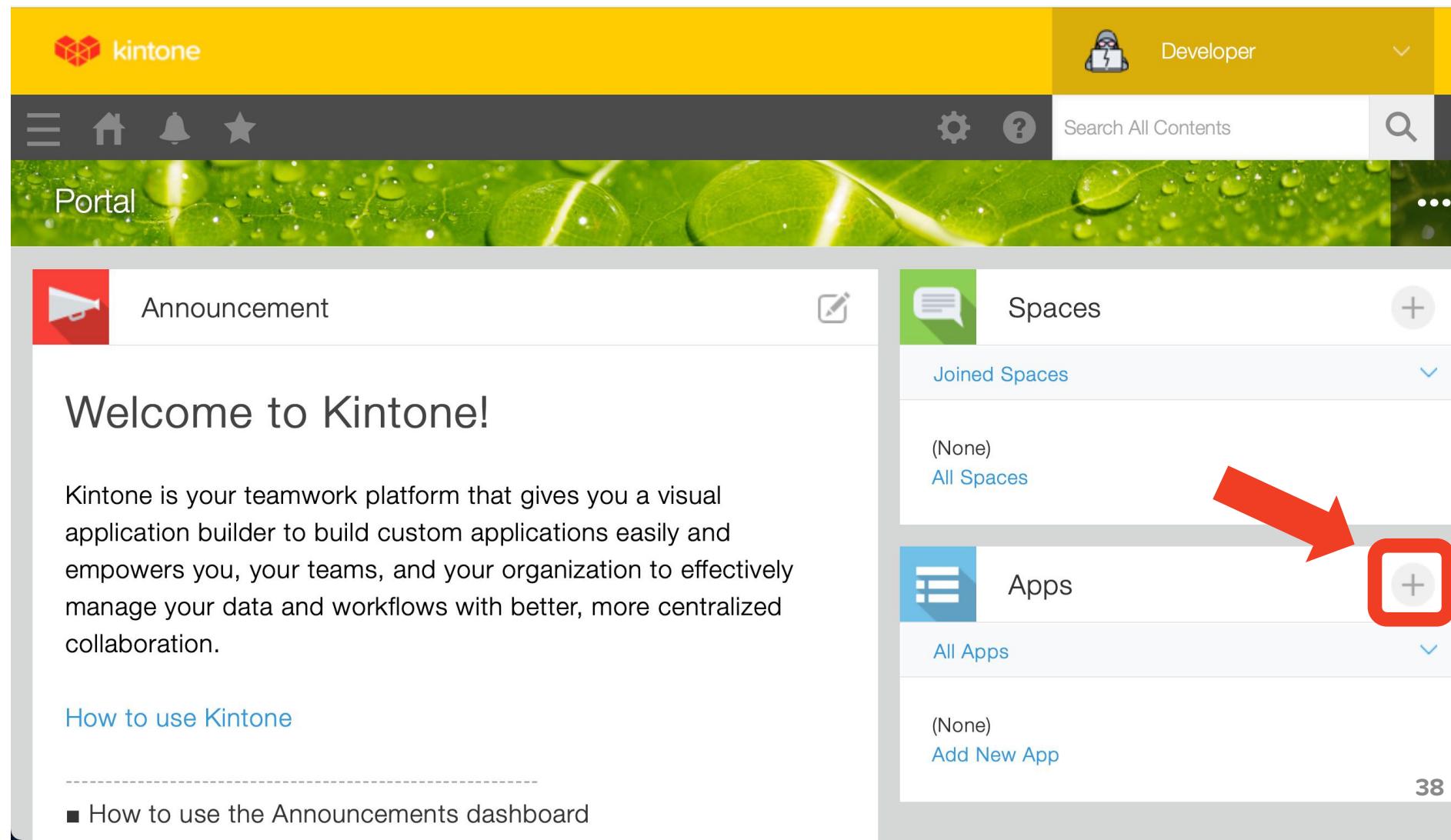
Click the **[+]** button on the Right side



# Create a Kintone Database App

From the Portal screen

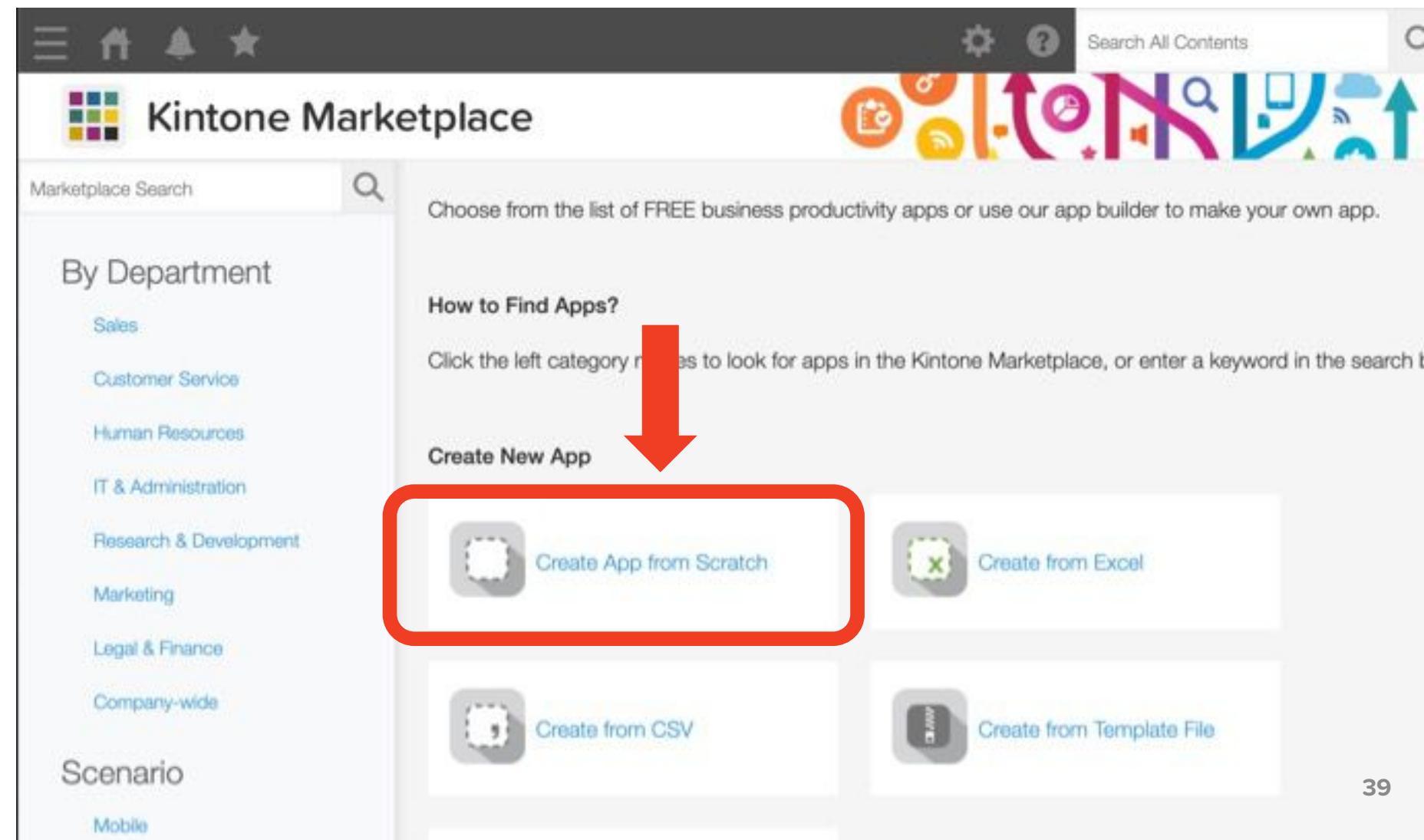
Click the **[+]** button on the Right side



# 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  
"Manga DB"

The screenshot shows the kintone 'New App' creation interface. At the top, there is a yellow header bar with the kintone logo and a 'Developer' icon. Below the header is a dark navigation bar with icons for Home, Bell, and Star. On the right side of the navigation bar are settings, help, and search icons. The main area has a breadcrumb path: Kintone Marketplace > New App > Settings. A large blue button labeled 'New App' is prominently displayed. Below it, a note says 'Notes for app administrators' does not exist ([Create](#))'. There are four tabs at the top of the main content area: 'Form', 'Views' (which is selected and highlighted in grey), 'Graphs', and 'App Settings'. Under the 'Views' tab, there is a green 'Save Form' button. To its right is a large, light-grey arrow pointing downwards and to the right, with the text 'Drag and drop fields here.' below it. On the left side of the 'Views' tab, there is a grid of field types with small icons: Label, Text, Rich text, Text area, Number, Calculated, Radio button, Check box, Multi-choice, Drop-down, Date, Time, and Date and time.

# Building the Manga Database App

Drag & drop 2x  
**Text fields** into  
the middle area.

kintone

Developer

Search All Contents

Manga DB

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

Discard Creation    Activate App

Form    Views    Graphs    App Settings

Save Form

Label    Text

Rich text   

Number    Calculated

Radio button    Check box

Multi-choice    Drop-down

Date    Time

Date and time    Attachment

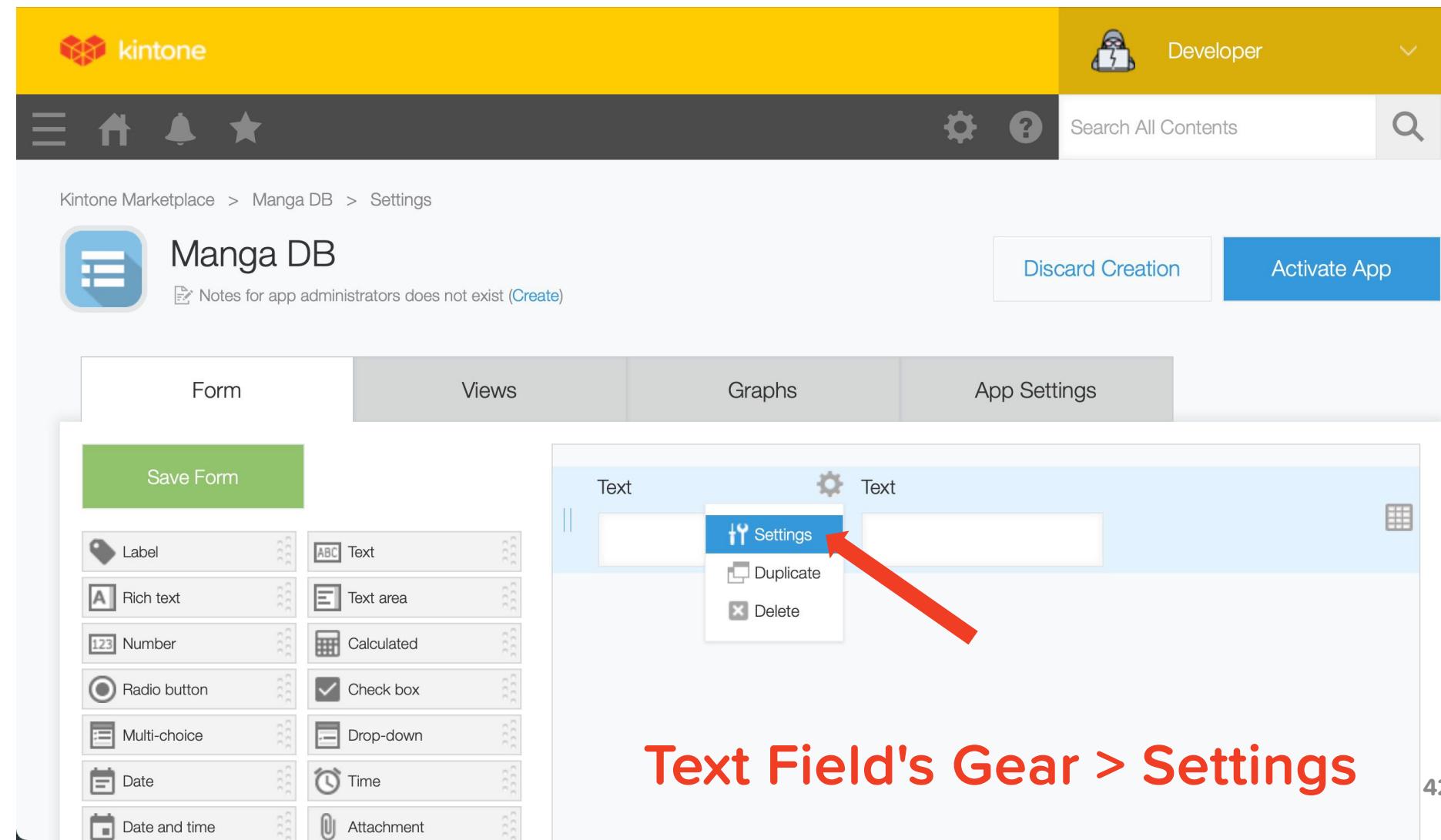
Drag and drop fields here.

Add 2x Text field!

# Configure Fields

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

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



Text Field's Gear > Settings

# Inside the Text Settings

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

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

The diagram illustrates the steps to change text settings from 'Title' to 'Author'. It shows two side-by-side 'Text Settings' forms. On the left, a red callout box says 'Change the Name to "Title"' with a red arrow pointing to the 'Name' field. On the right, another red callout box says 'Change the Name to "Author"' with a blue arrow pointing to the same 'Name' field. A central blue callout box says 'Change the Field Code to "author"' with a blue arrow pointing to the 'Field Code' field at the bottom left. A red callout box at the bottom says 'Change the Field Code to "title"' with a red arrow pointing to the 'Field Code' field at the bottom left. The left form has 'Title' in the 'Name' field and 'title' in the 'Field Code' field. The right form has 'Author' in the 'Name' field and 'author' in the 'Field Code' field.

ABC Text Settings

Name \*

Title

Hide field name

Calculate automatically

Required field

Prohibit duplicate values

Number of Characters (Note: Use integer)

Minimum  Maximum

Default Value

Field Code \* title

ABC Text Settings

Name \*

Author

Hide field name

Calculate automatically

Required field

Prohibit duplicate values

Number of Characters (Note: Use integer)

Minimum  Maximum

Default Value

Field Code \* author

Save Cancel

# Does Your App Look Like This?

We changed...

Title

Added 2x Text fields

Edited the **Name** and **Field Code** of both Text fields

The screenshot shows the kintone app creation interface. At the top, there's a yellow header bar with the kintone logo and a developer icon. Below it is a dark grey navigation bar with icons for home, notifications, and a star. On the right of the navigation bar are settings, help, and search buttons. The main content area has a title 'Manga DB' with a blue icon. Below the title, a note says 'Notes for app administrators does not exist (Create)'. There are four tabs at the top of the form editor: 'Form' (selected), 'Views', 'Graphs', and 'App Settings'. Under the 'Form' tab, there's a green 'Save Form' button. To its right is a list of field types with small icons: Label, Text, Rich text, Text area, Number, Calculated, Radio button, Check box, Multi-choice, Drop-down, Date, Time, and Date and time. Further down, there are two text input fields labeled 'Title' and 'Author'.

# Create a Custom View

Within the App

→ Views Tab

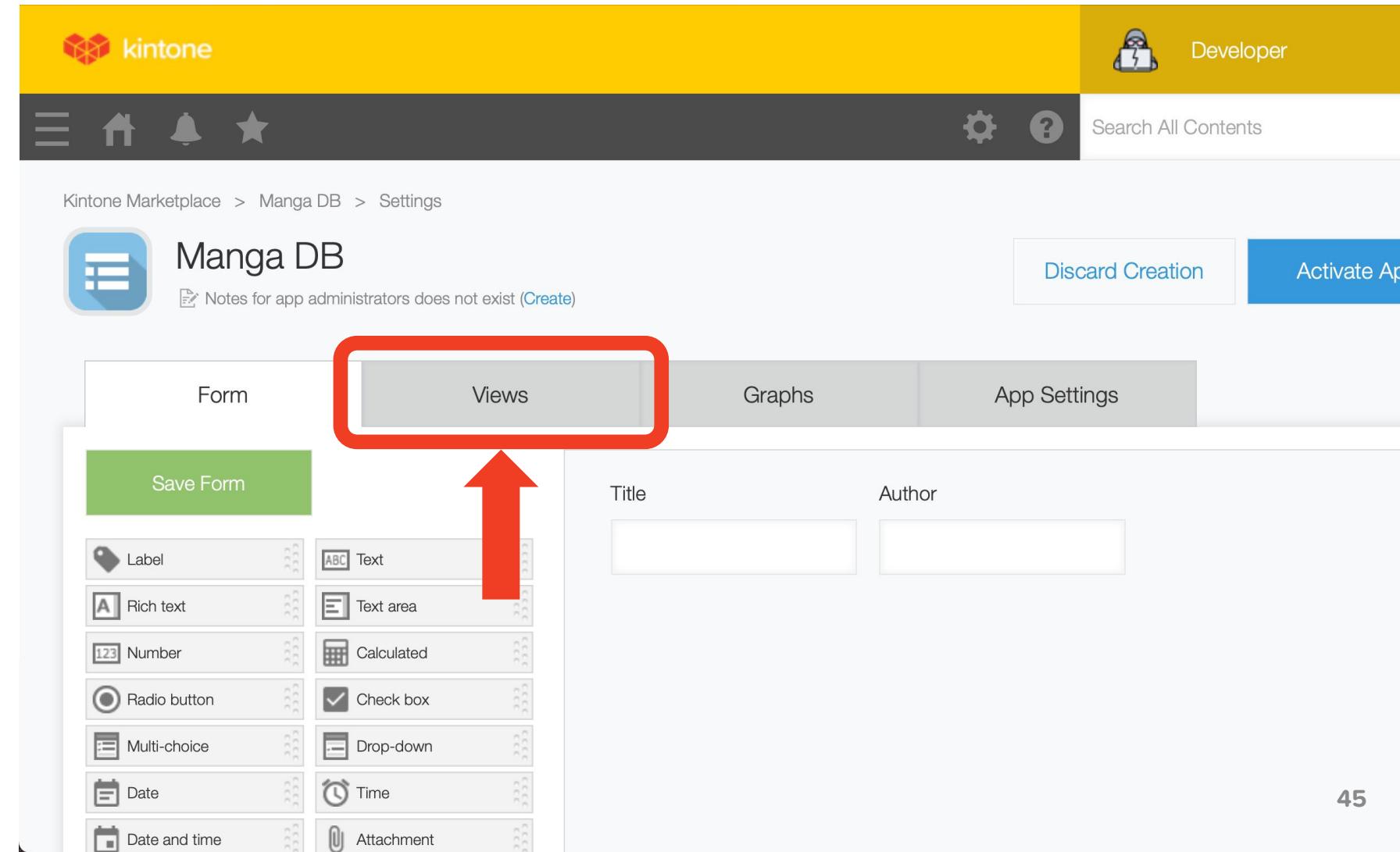
→ Add a View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

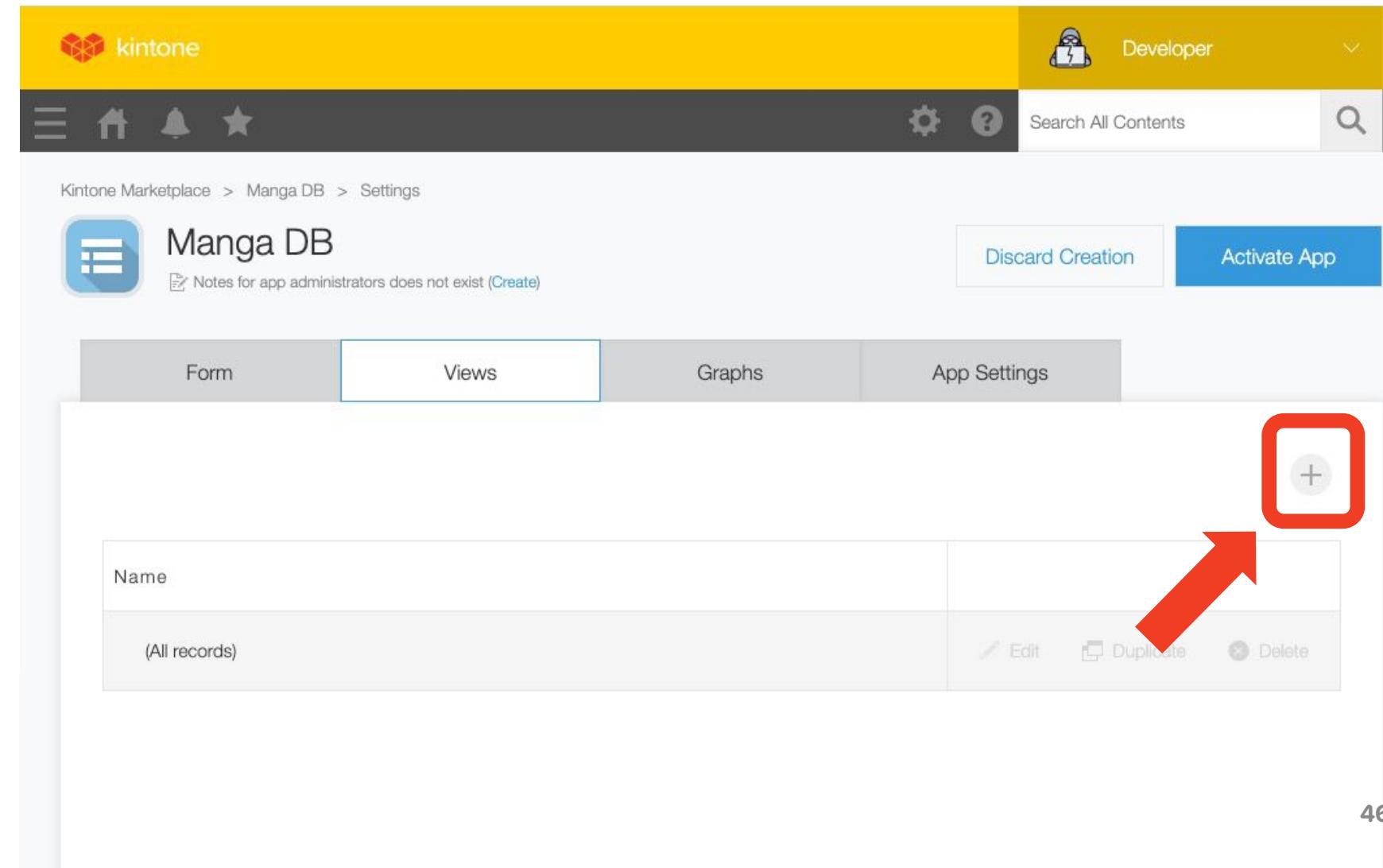
→ Add a View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

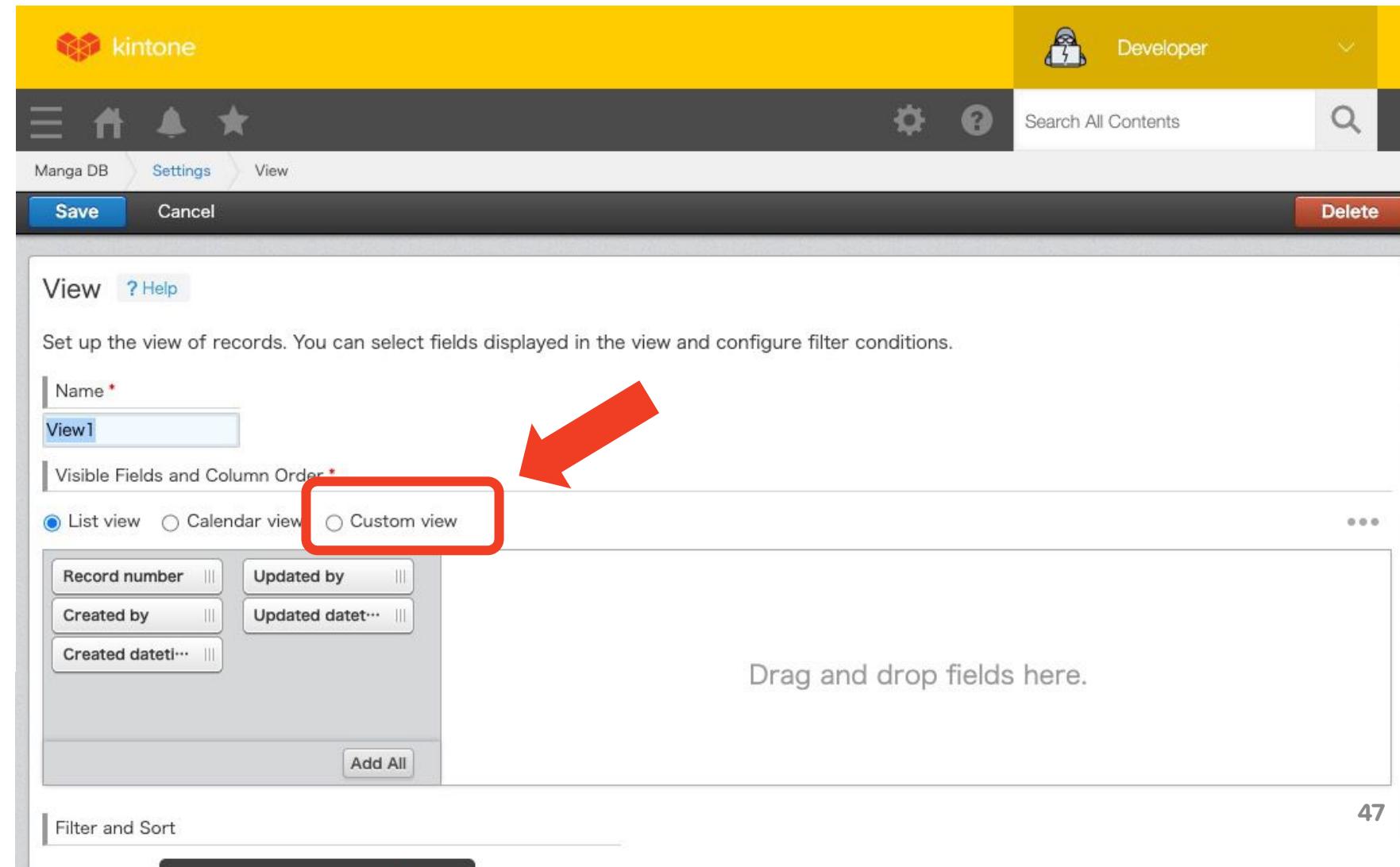
→ Add a View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

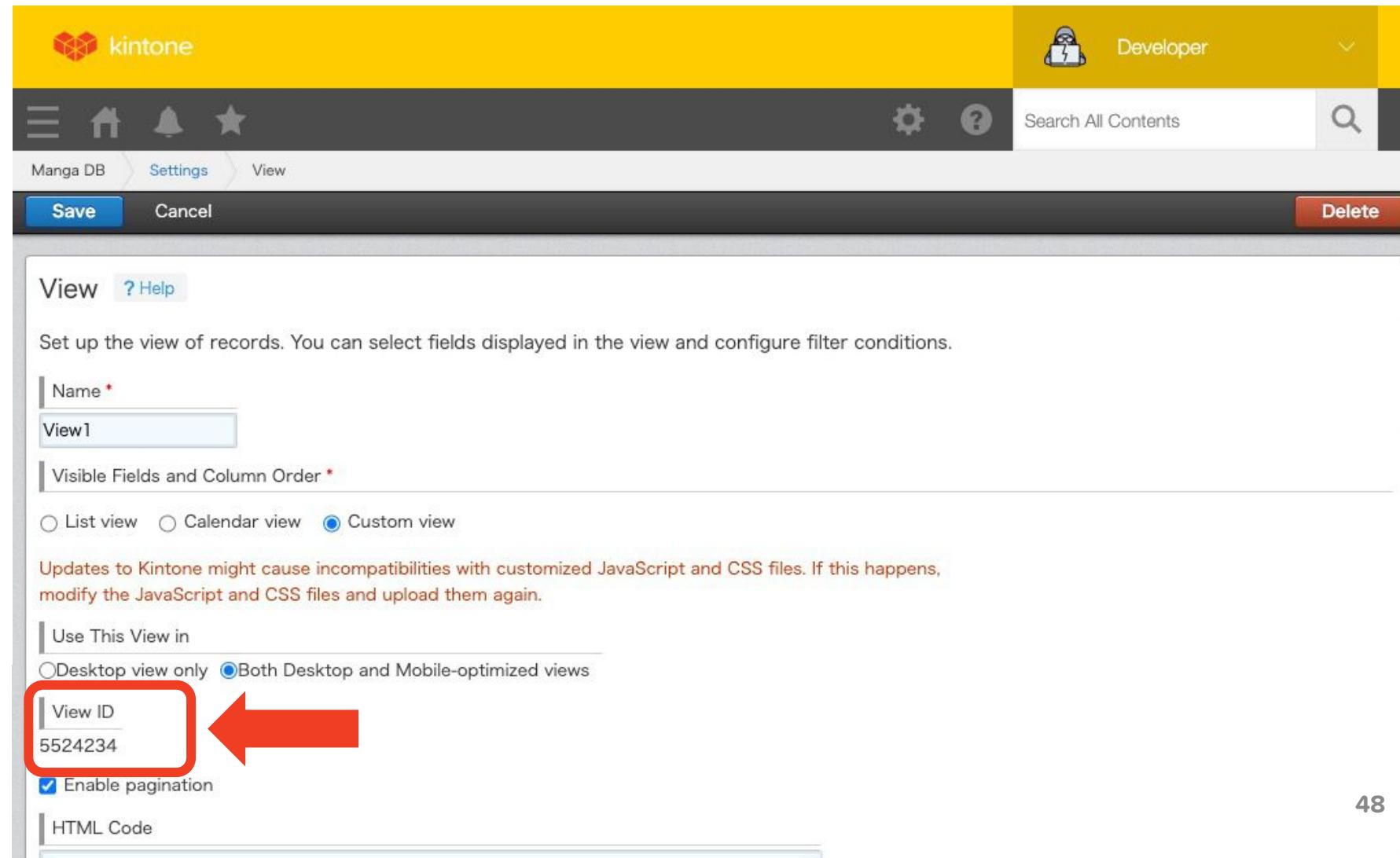
→ Add a View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

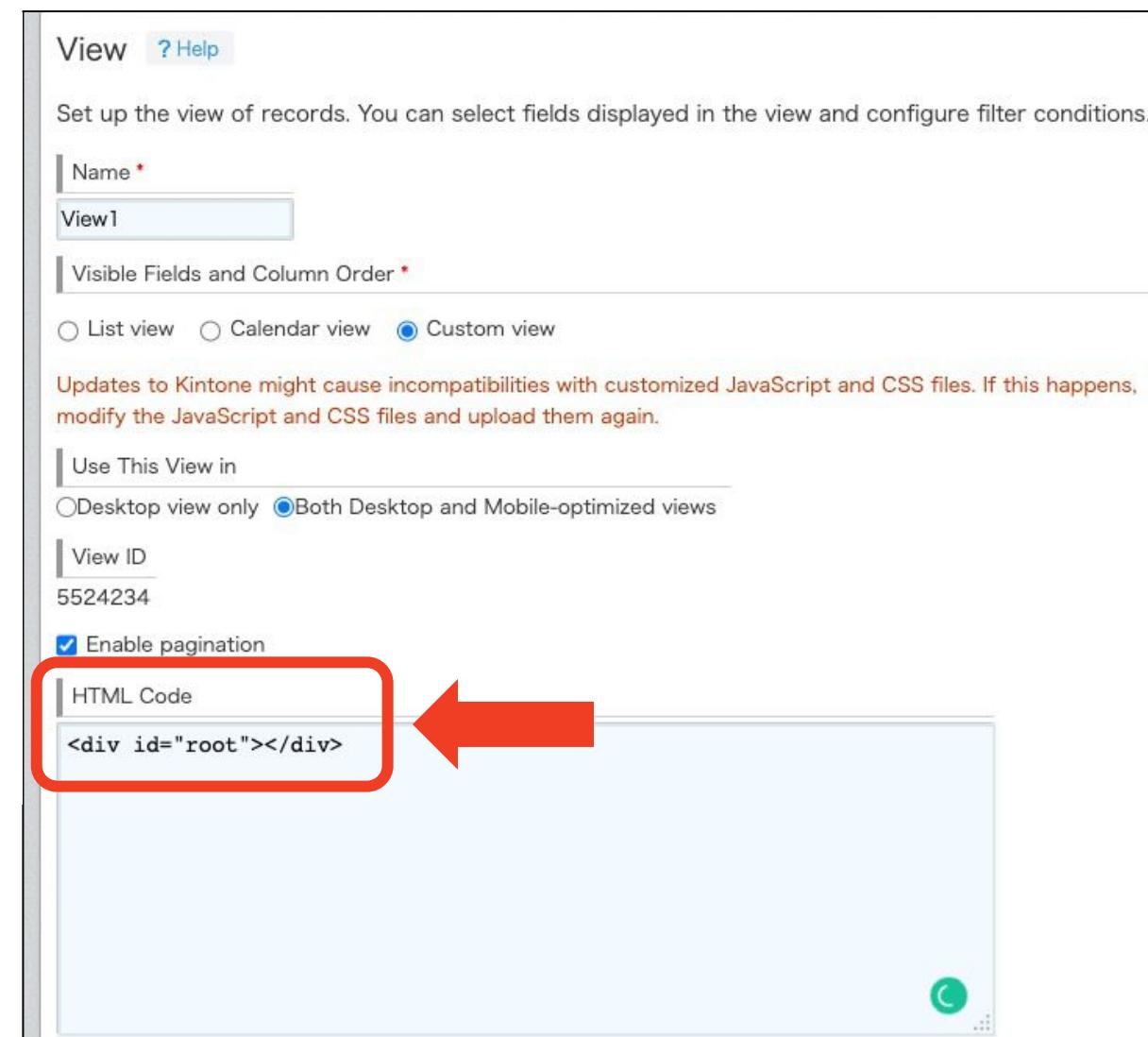
→ Add a View

→ Custom View

→ Get View ID

→ Add div with root

→ Save



# Create a Custom View

Within the App

→ Views Tab

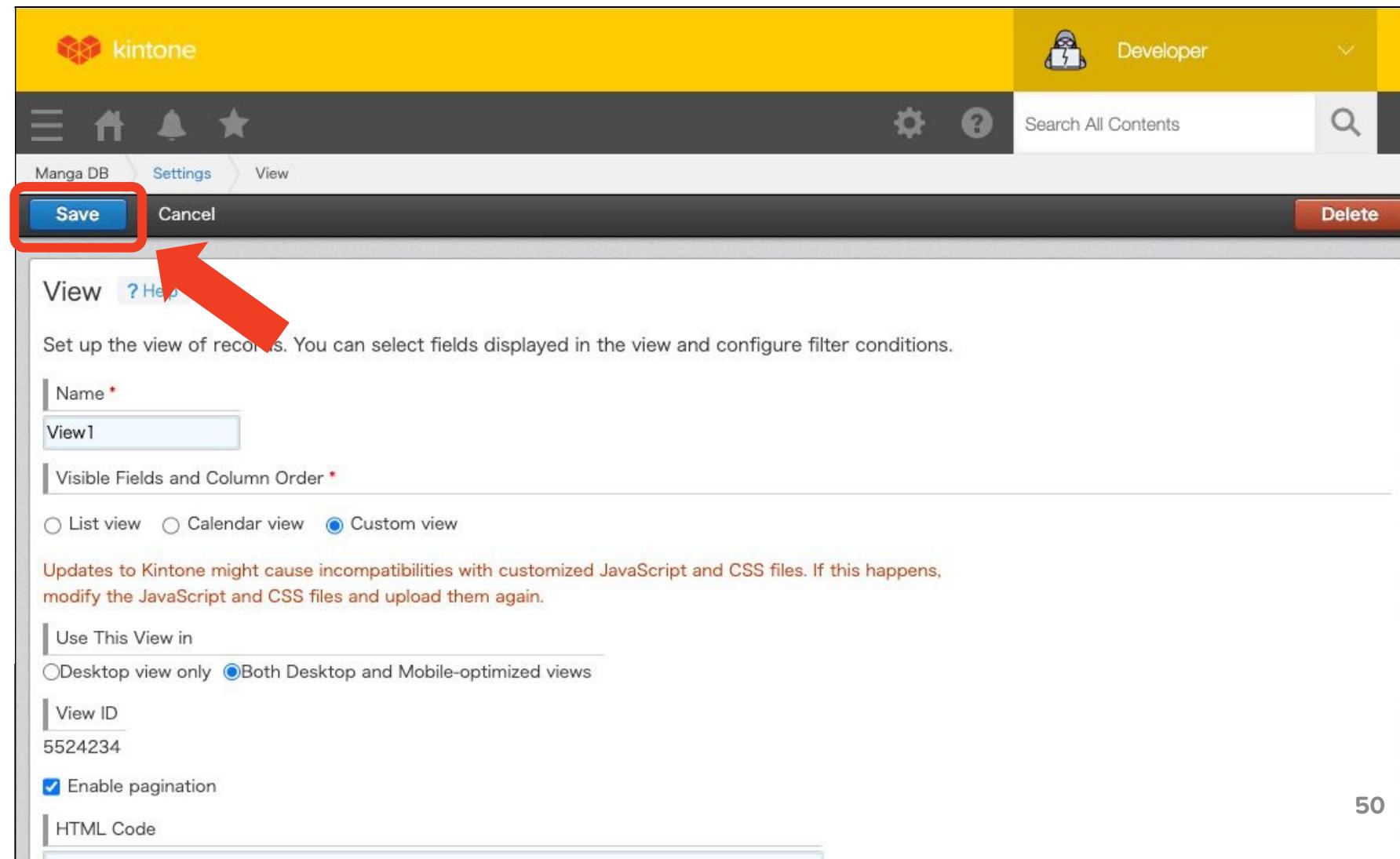
→ Add a View

→ Custom View

→ Get View ID

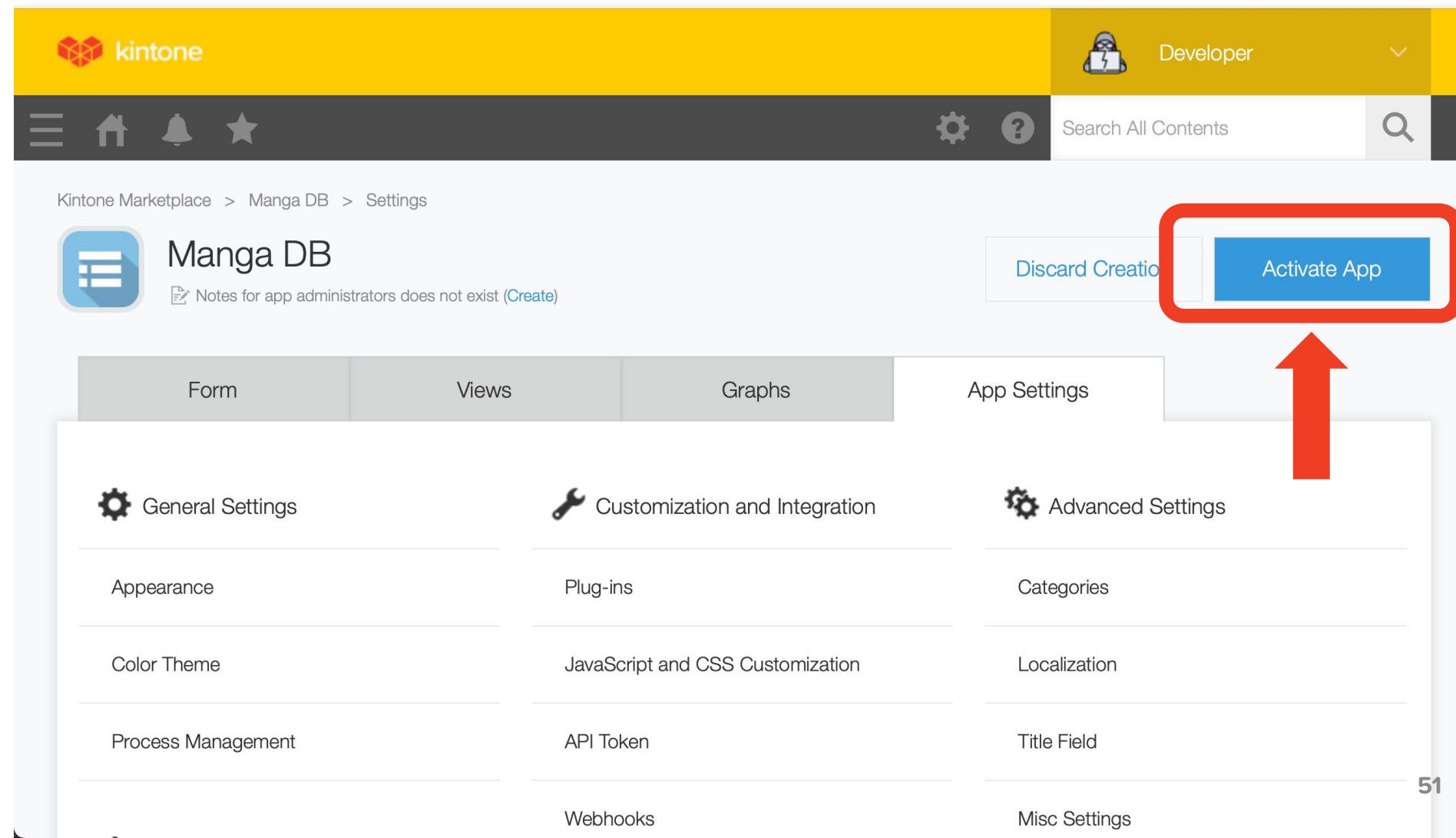
→ Add div with root

→ Save



# Activate the Kintone Database App

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



# Create a Record

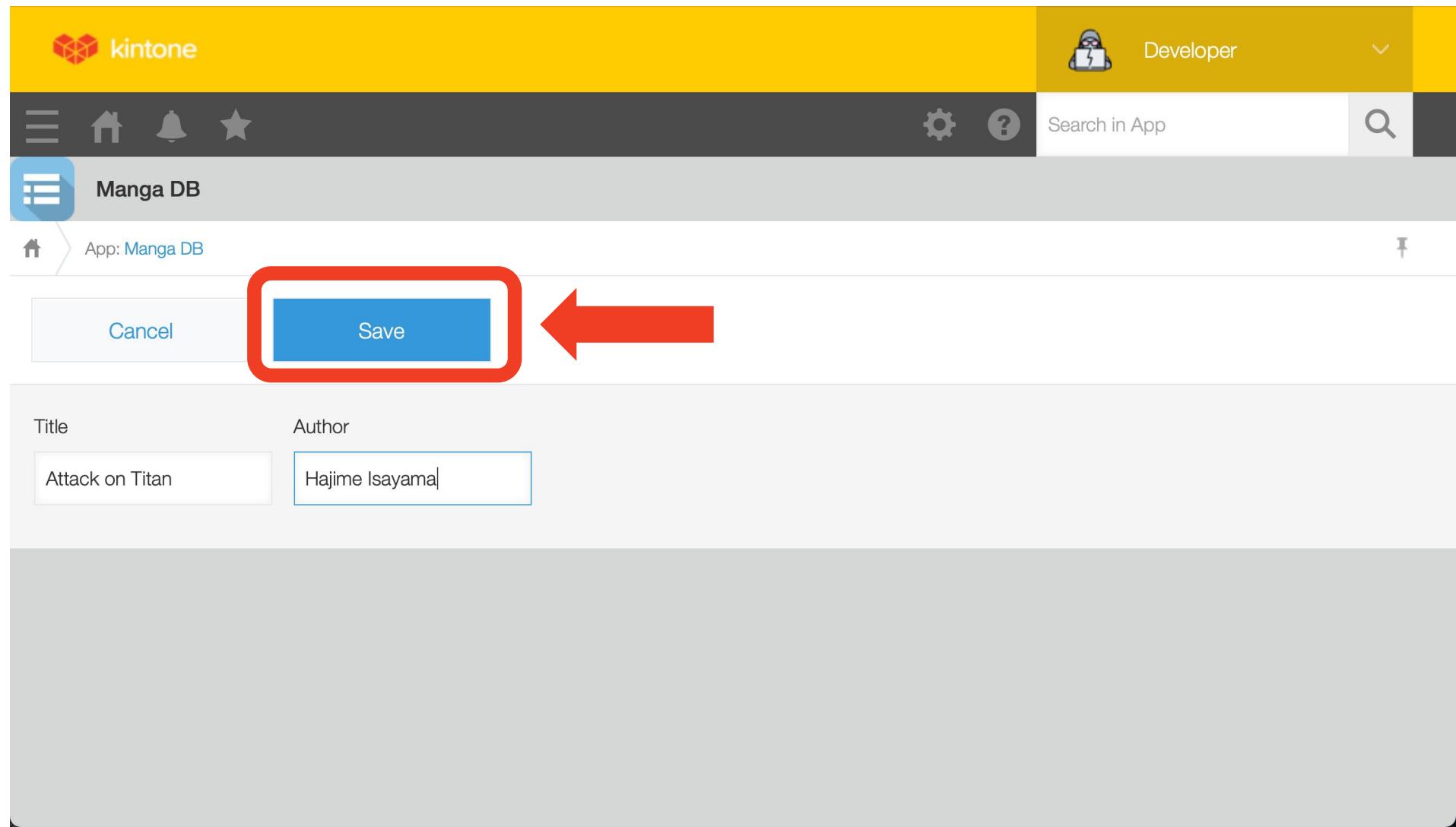
Click the  
[+] button  
on the  
Right side to  
create a record

The screenshot shows the kintone application interface for the 'Manga DB' app. The top navigation bar is yellow with the kintone logo and developer information. Below the bar, the app title 'Manga DB' is displayed. The main area shows a table with columns for 'Record number', 'Title', and 'Author'. The first row contains '(None)' in all columns. On the right side of the screen, there is a toolbar with various icons, and the '+' button is highlighted with a red box and a red arrow pointing to it from below. The status bar at the bottom indicates 'Records 0 - 0 of 0'.

# Save a Record

Input a Title and Author

Then click the **Save button**



# View a Record

You created  
your first record!

Click on the  
blue **Manga DB**  
link to view all  
the records

The screenshot shows the kintone application interface. At the top, there's a yellow header bar with the kintone logo. Below it is a dark grey navigation bar with icons for home, notifications, and favorites. A red arrow points to the blue 'Manga DB' link in the navigation bar. The main content area has a breadcrumb navigation: 'App: Manga DB > Record: Attack on Titan'. The record details are displayed in a card format: 'Title' is 'Attack on Titan' and 'Author' is 'Hajime Isayama'. On the right side, there's a comment section with a blue speech bubble icon and a message 'Write your comment here.' followed by 'No comments are available.' At the bottom right, there are several action buttons: a plus sign (+), a pencil (edit), a document (print), a gear (settings), and three dots (...).

# View All Records

You can now  
view your  
Record #1!

Create two  
more records

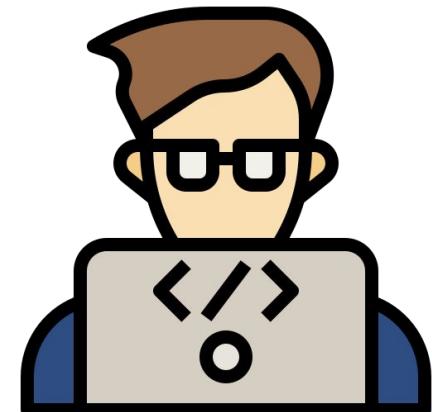
We will use  
them on our  
React App!

The screenshot shows the kintone application interface. At the top, there's a yellow header bar with the kintone logo and a 'Developer' icon. Below it is a dark grey navigation bar with icons for three, home, notifications, and stars. A search bar says 'Search in App'. The main title 'Manga DB' is displayed above the record list. The record list itself has a blue header bar with '(All records)' and a dropdown arrow. The table has columns for 'Record number', 'Title', and 'Author'. One visible row shows '1' in the Record number column, 'Attack on Titan' in the Title column, and 'Hajime Isayama' in the Author column. There are also edit and delete icons for this record. The bottom right corner of the table area shows 'Records 1 - 1 of 1'.

Record number	Title	Author
1	Attack on Titan	Hajime Isayama

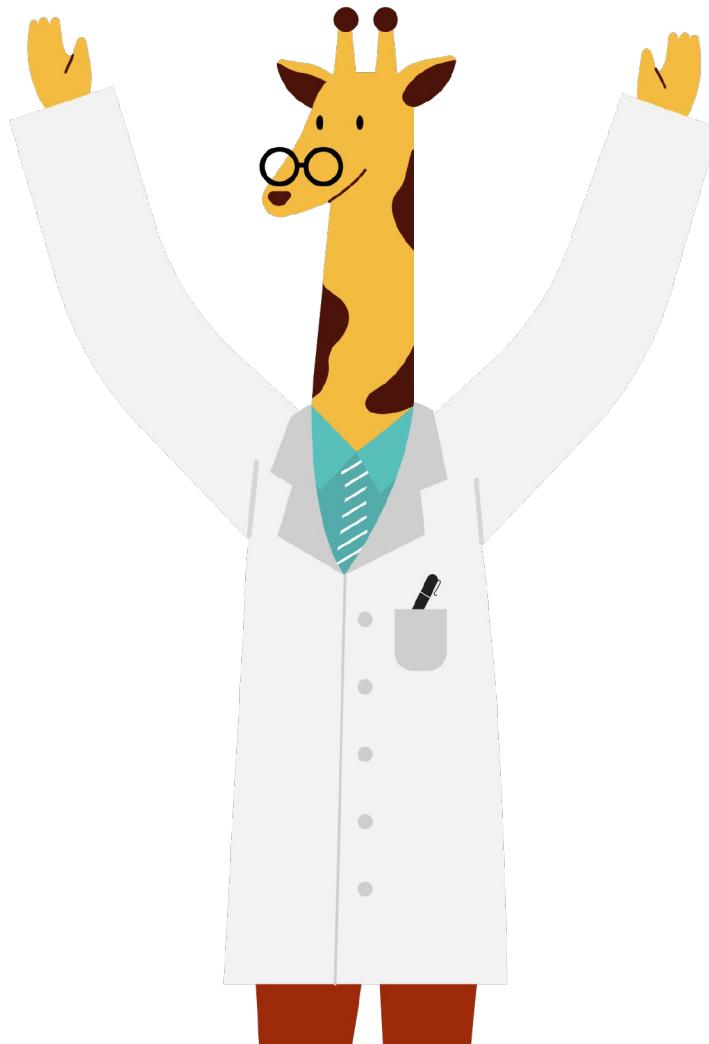
# Time to Explore the Code

1. Connect Your Kintone Subdomain
2. npm run start
3. Follow the Existing Behavior
4. Learn How React Works Here



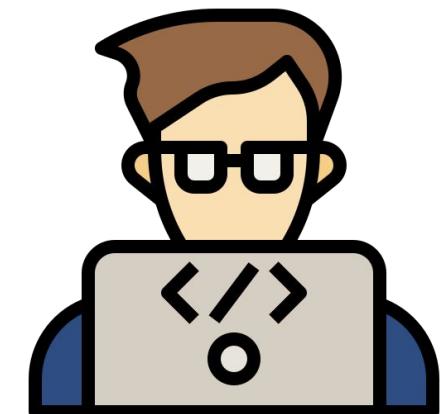
**Want to Win a  
\$25 Amazon  
Gift Card?**

**Stay tuned till the  
end & fill out our  
quick survey**



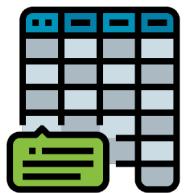
**Short Break**  
**10 min break**

# Back to the Live Coding!

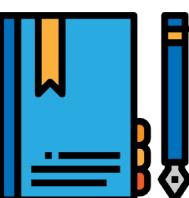
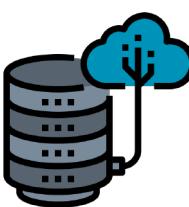
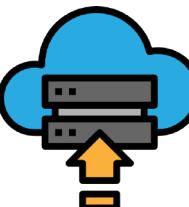


# Next Steps

What are some next steps you can take?

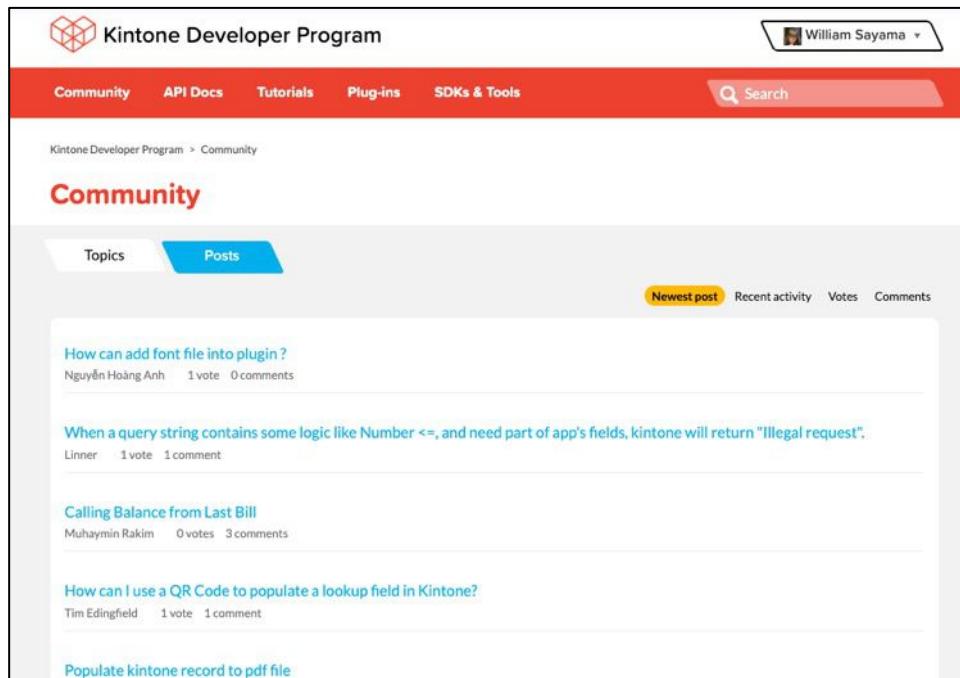


- Create a production build
- Link the lists to the Kintone record or wiki page
- Add a button to clear the results
- Add author and alternative title fields for searching
- Share your experience on dev.to!



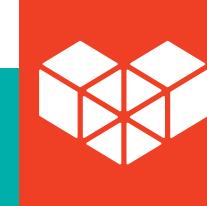
# Where Can I Get Help?

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



The screenshot shows the Kintone Developer Program Community forum. The top navigation bar includes links for Community, API Docs, Tutorials, Plug-ins, and SDKs & Tools, along with a search bar and a user profile for William Sayama. The main content area is titled "Community" and shows a list of posts. The first post is titled "How can add font file into plugin?", made by Nguyễn Hoàng Anh, with 1 vote and 0 comments. The second post is titled "When a query string contains some logic like Number <=, and need part of app's fields, kintone will return "Illegal request".", made by Liner, with 1 vote and 1 comment. The third post is titled "Calling Balance from Last Bill", made by Muhammin Rakim, with 0 votes and 3 comments. The fourth post is titled "How can I use a QR Code to populate a lookup field in Kintone?", made by Tim Edingfield, with 1 vote and 1 comment. The fifth post is titled "Populate kintone record to pdf file.", made by an anonymous user, with 0 votes and 0 comments.





Any  
Questions?

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

# Thank You!



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We are cooking up **new content**  
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you will receive an additional entry in the  
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This workshop's recording will be posted on  
our YouTube Channel!

Our past workshops are posted as well:

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Introductions: REST API, JS Promise



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