

Your Hackathon's Web Database

Kintone Developer Program
developer.kintone.io



kintone

Overview

- 1 What is Kintone?
- 2 How to Use Kintone?
- 3 Hackathon Use Cases
- 4 Benefits of Hacking with Kintone

**Kintone is a
cloud platform that
creates Web Databases
ridiculously quickly & easily**



DB1

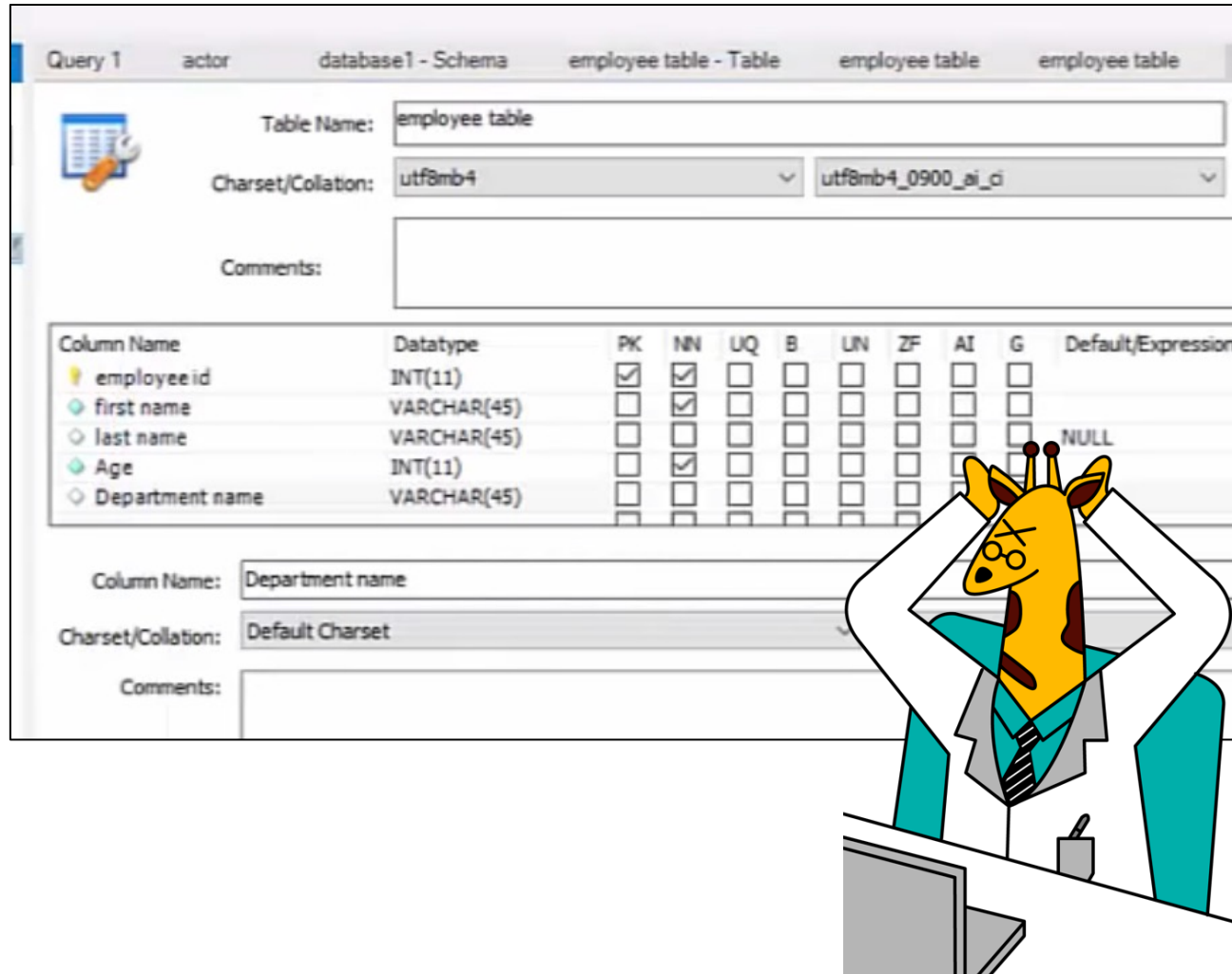


DB2



DB3

Traditional Databases



- Needs **high level understanding of databases**
- **Servers** need to be **constantly running & maintained** to be accessed

Kintone Database

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

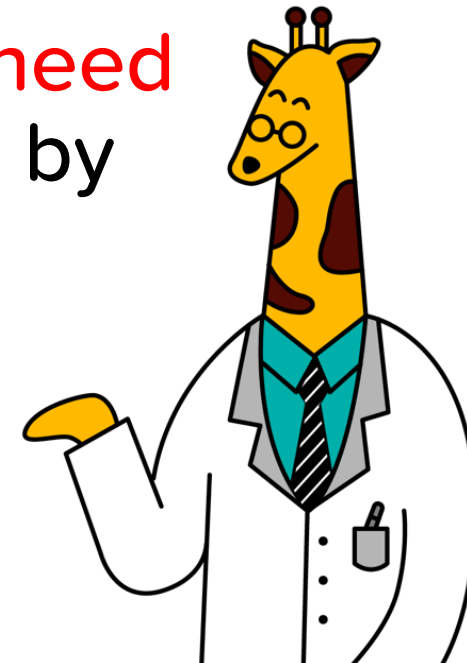
Company Name Website

Contact Name Job Title

Email Telephone Number

Product Name Product ID Unit Price Quantity

- Databases are created with intuitive **drag-and-drop GUI**
- **No servers need to be set up** by the user



Kintone Use Cases

NASA's Goddard Space Flight Center currently uses Kintone for:



Inventory Management



Invoicing



Resource Planning



Purchasing

Nothing to install when using Kintone!



Submit a form



Access Kintone via
emailed link



Access Kintone database data via:



Web Browsers

or



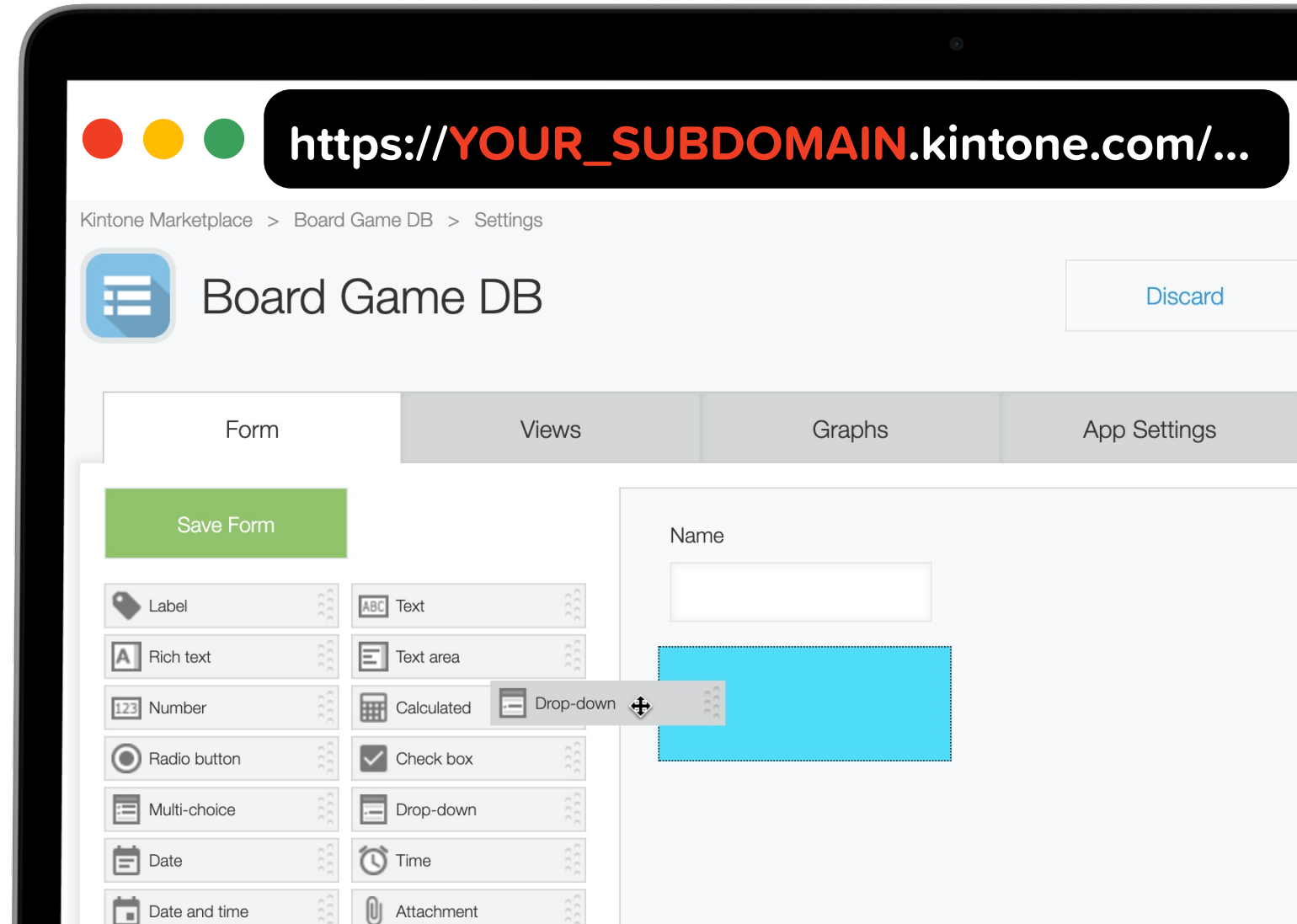
REST API



Access Kintone DBs via the Browser

Use the GUI to:

- Create Databases
- View/Add/Edit Records
- Update Database schema





Access Kintone DBs via REST API

```
$ curl  
-X GET  
'https://{YOUR_SUBDOMAIN}.kintone.com/k/v1  
/records.json?app={DB1}'  
-H 'X-Cybozu-API-Token: {API_TOKEN}'
```



Your App

Request

Response



DB1



DB2



DB3



kintone

```
...  
{  
  "country" : "India",  
  "year" : "2018",  
  "population" : "1353000000"  
}  
...
```

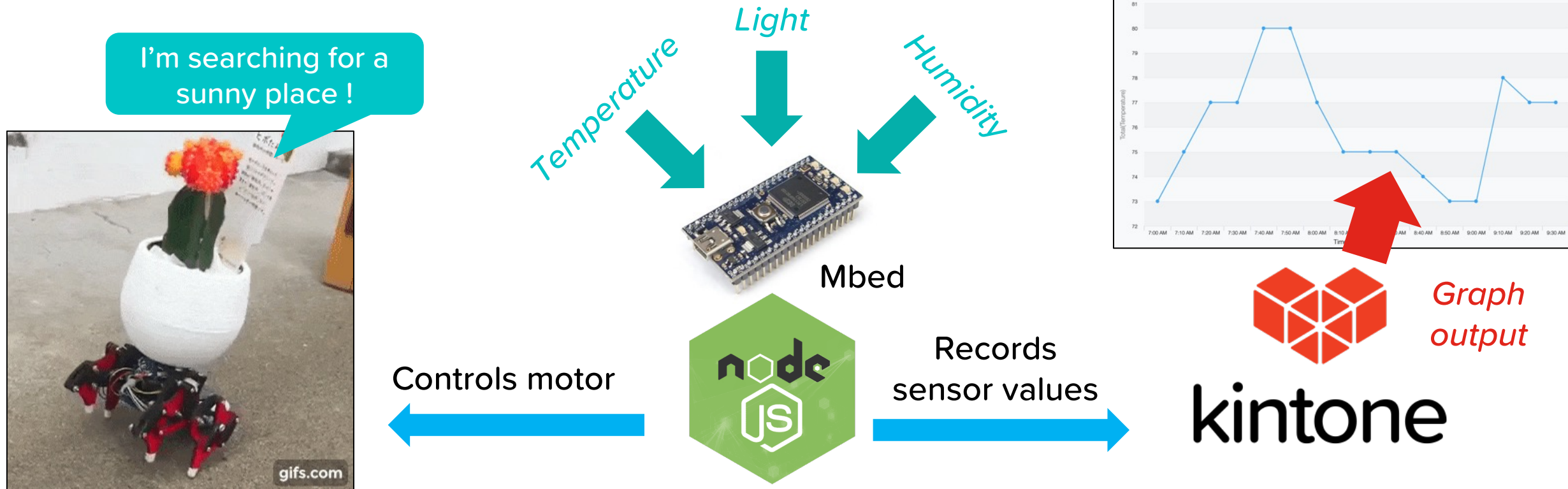
How do You Use Kintone in Hackathons?



Developers often use Kintone to **store incoming data**, or for **managing data that will be displayed on the hackathon app's UI**

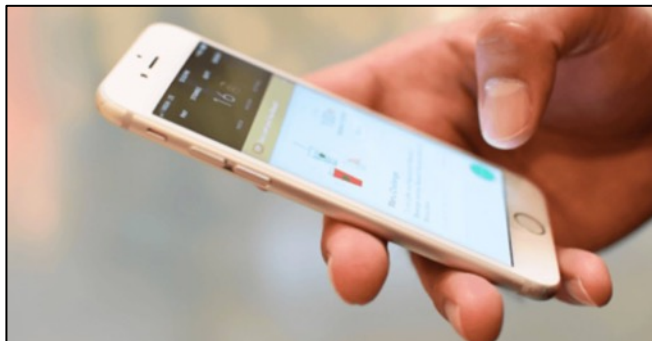
Hackathon Use Case 1

Hibotan - A moving flowerpot that uses **Kintone** as the **backend** to store sensor data.



Hackathon Use Case 2

A Point of Sale (POS) system using Flutter for the mobile interface & **Kintone** as the **backend** for storing inventory data.



Mobile POS system

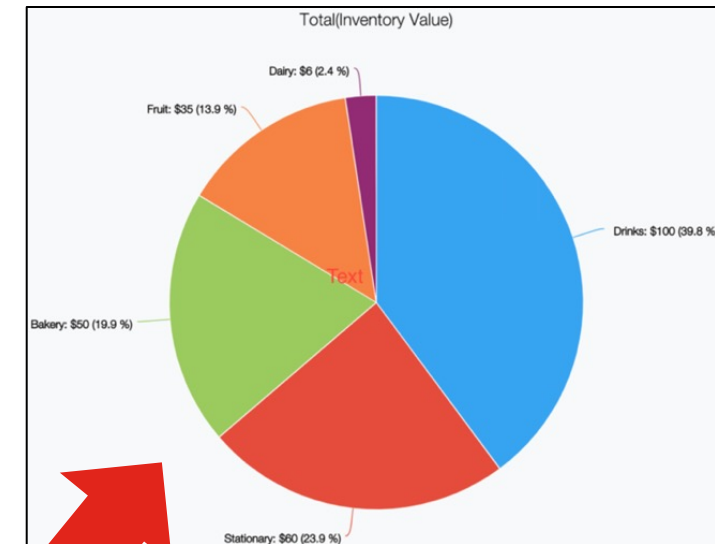
Updates
inventory data



Responds latest
inventory data



kintone



Graph output

3 Reasons to Use Kintone for your Hacks



Ridiculously fast
to build
databases !



Effortlessly
manage database
data and schema
with **GUI** !

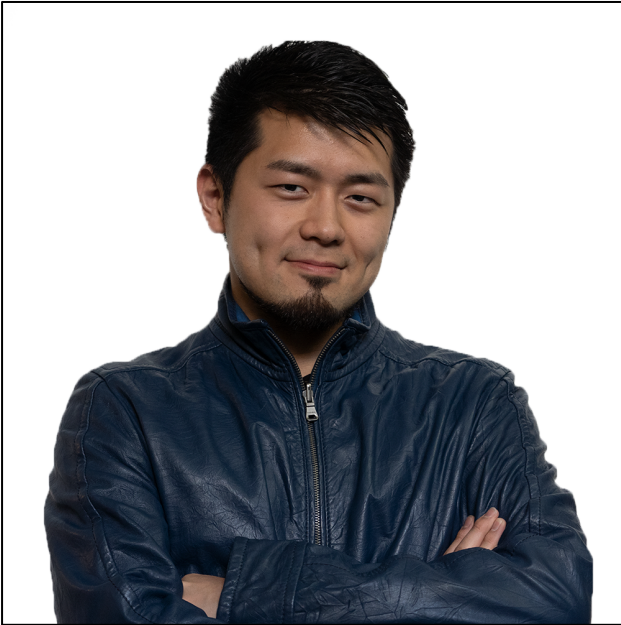


Professional
Kintone mentors !

Kintone Mentors

Yoeki

Sales Engineer



Genji

Developer Advocate



Will

Developer Advocate



Kintone Office Hours (Eastern Time)

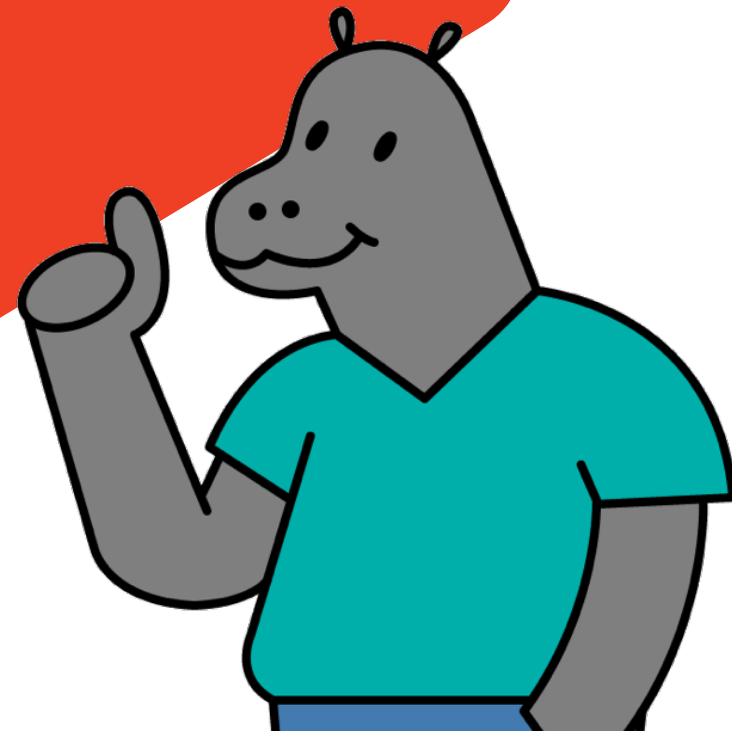
Saturday, October 2nd

- 9 AM ~ 11 AM
- 1 PM ~ 2 PM
- 3 PM ~ 4 PM
- 5 PM ~ 6 PM

- Ask any Kintone related questions!
- Join the Mentor Office Hour Zoom call
- Write on the Slack channel
- Post on Kintone's Dev Thread bit.ly/KDP_QA

Win the Kintone API Prize!

We will be giving out a
special swag bundle for each
member of the winning team!



Get the **FREE** **Kintone Developer Environment**

1

Sign up for a
Developer Account

bit.ly/KDP_signup

⚠ Do NOT use Safari

⚡ Accept Cookies First

✅ Use Chrome & Firefox

2

Create a
Kintone Subdomain

bit.ly/K_DevLic

⚠ No Special Characters

⚡ Subdomain name can ONLY
contain lowercase, numbers, &
hyphens

Resources 🤔

Get Started Guide

bit.ly/KDP_Hack_Start



YouTube Channel

bit.ly/KDP_Video



Kintone Dev Forum

bit.ly/KDP_QA



Thank You & Good Luck!

