



HOW AI SIMPLIFIES DATABASE CREATION TO ACCELERATE BUSINESS

DISCOVER HOW TRANSITIONING FROM DISORGANIZED DATA STORAGE AND MANAGEMENT TO AN EFFICIENT DATABASE CAN DRIVE BUSINESS GROWTH. LEARN HOW AI SIMPLIFIES DATABASE IMPLEMENTATION, REQUIRING NO TECHNICAL SKILLS OR LARGE BUDGETS. EQUIP YOUR TEAM WITH SOFT AND ESSENTIAL DATA MANAGEMENT SKILLS TO ENHANCE PRODUCTIVITY AND INNOVATION.

USE CASES BASED ON:





SESSION #4: PLAN

- BUSINESS CHALLENGES IN DATA MANAGEMENT
- HOW TO OVERCOME THESE CHALLENGES
- BUILD YOUR DATABASE APP WITH AI IN MINUTES
- INTEGRATING WOOCommerce WITH KNACK
- ACTIONS YOUR BUSINESS SHOULD TAKE NOW TO MANAGE PROPERLY THE DATA
- Q&A
- AI NEWS



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Drinkizz O.N.E

@drinkizzo.n.e1719 · 29 subscribers · 59 videos



Organic Natural Energy drink >

facebook.com/drinkizz and 3 more links

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Organic by drinkizz

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[YouTube](https://www.youtube.com/channel/UC...)



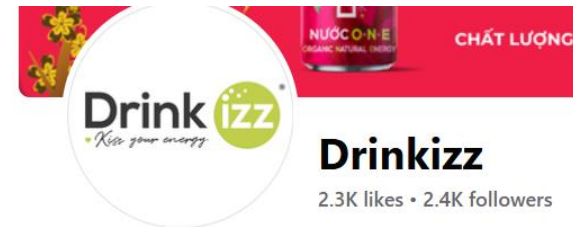
Drinkizz O.N.E

Food and Beverage Services

Đà Kao, Ho Chi Minh City · 630 followers

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[LinkedIn](https://www.linkedin.com/company/drinkizz)



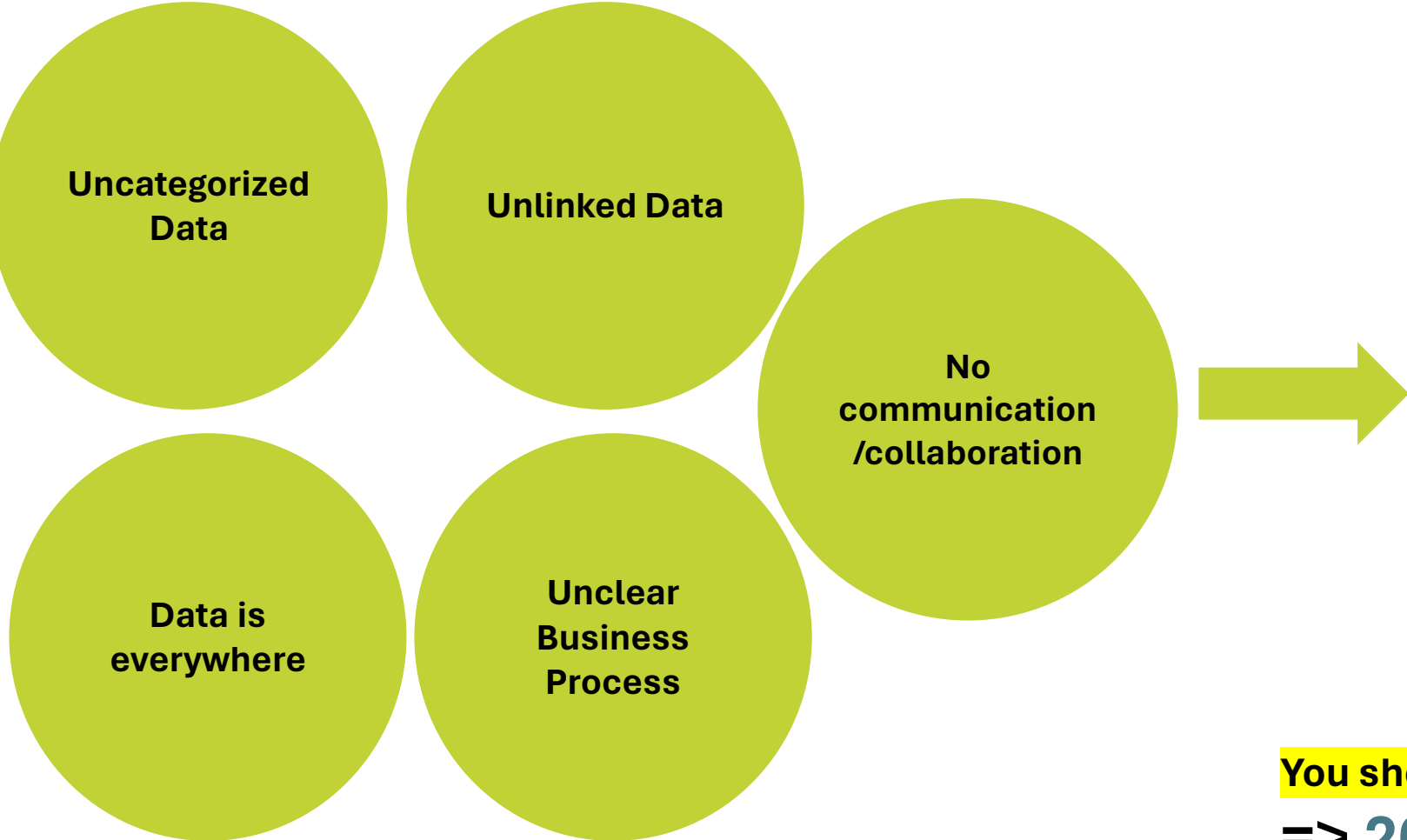
Drinkizz

2.3K likes · 2.4K followers

[Facebook](https://www.facebook.com/drinkizz)

BUSINESS CHALLENGES IN DATA MANAGEMENT (1/2)

1. Dangers of Disorganized Data Storage and Management In Business



Dangers
Limited scalability and performance
Stop business development and grow
Difficulty in adapting to changing business needs
Inaccuracy in decision-making
Loss of control and time

You should read this article to reduce the danger

=> [2019 - Frustration Phase](#)

Data managed in sheets, Google Drive, block notes, hardware, etc.

BUSINESS CHALLENGES IN DATA MANAGEMENT (2/2)

2. Startup Mistakes by Adapting ERP Systems to Business Needs in the Early Stage

Consideration Phase:

Drinkizz considered setting up a data management tool such as **Pimcore** but faced limitations due to unclear business needs and budget constraints.

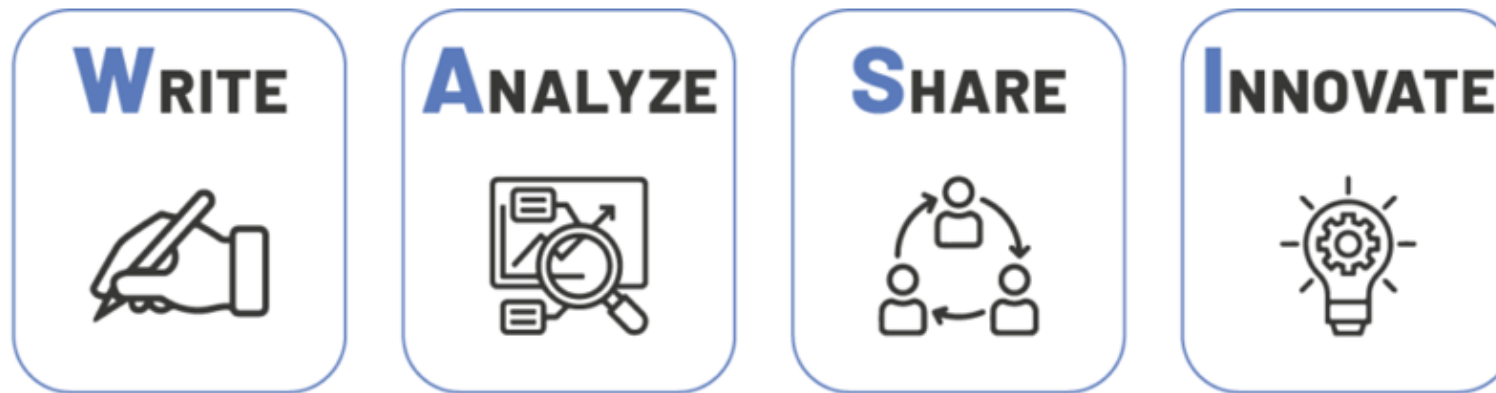
During this phase, we encountered several challenges:

- Limited budget
- Mismatch with Business Requirements
- Lack of Customization Skills
- Extended Learning Time

HOW TO OVERCOME THESE CHALLENGES (1/5)

Soft Skills required

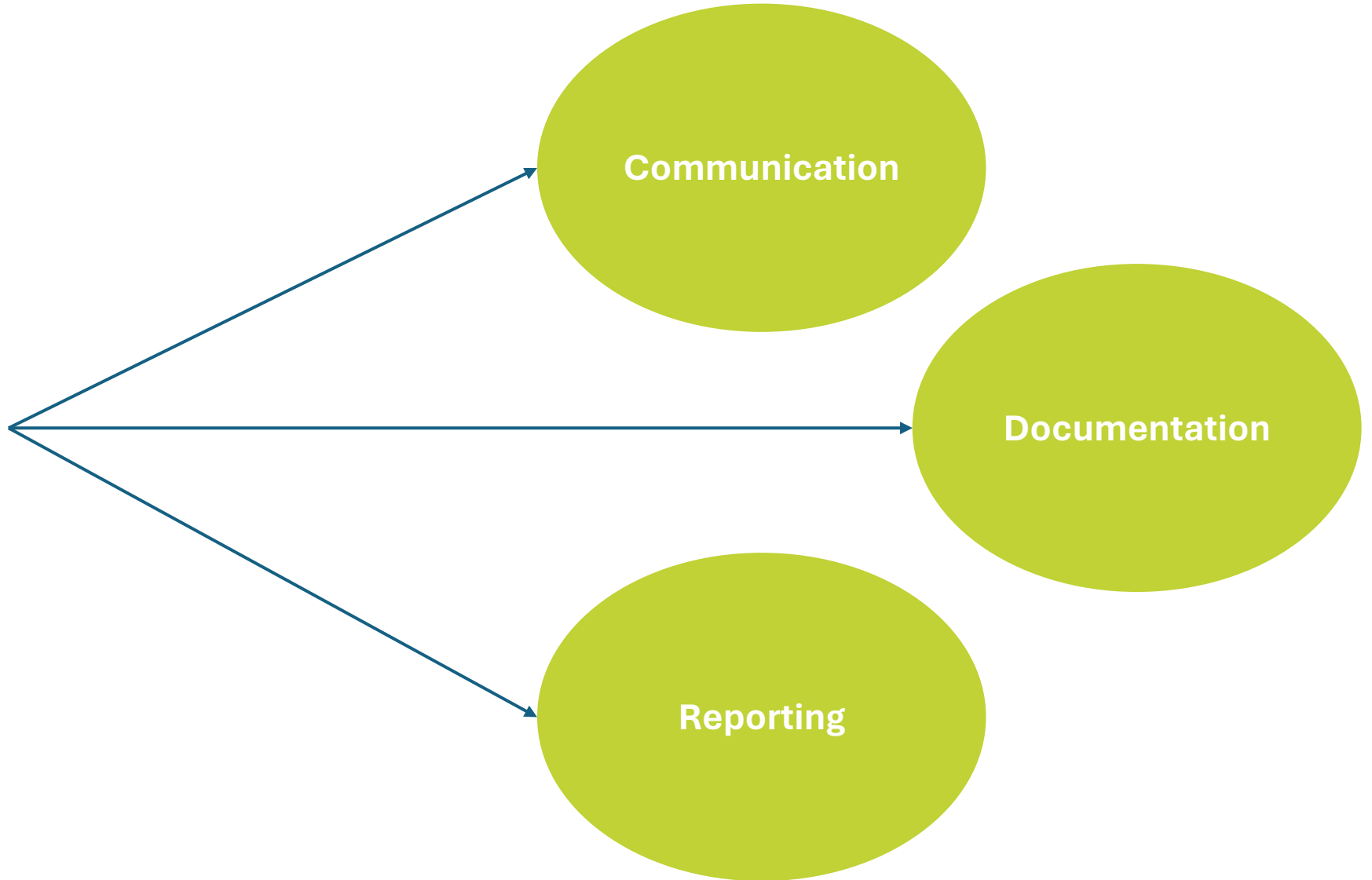
Soft skills can help overcome the challenges of disorganized data storage and management. They enable teams to better manage and organize process, data, leading to improved efficiency and productivity.



Source: <https://engage-meta.com>

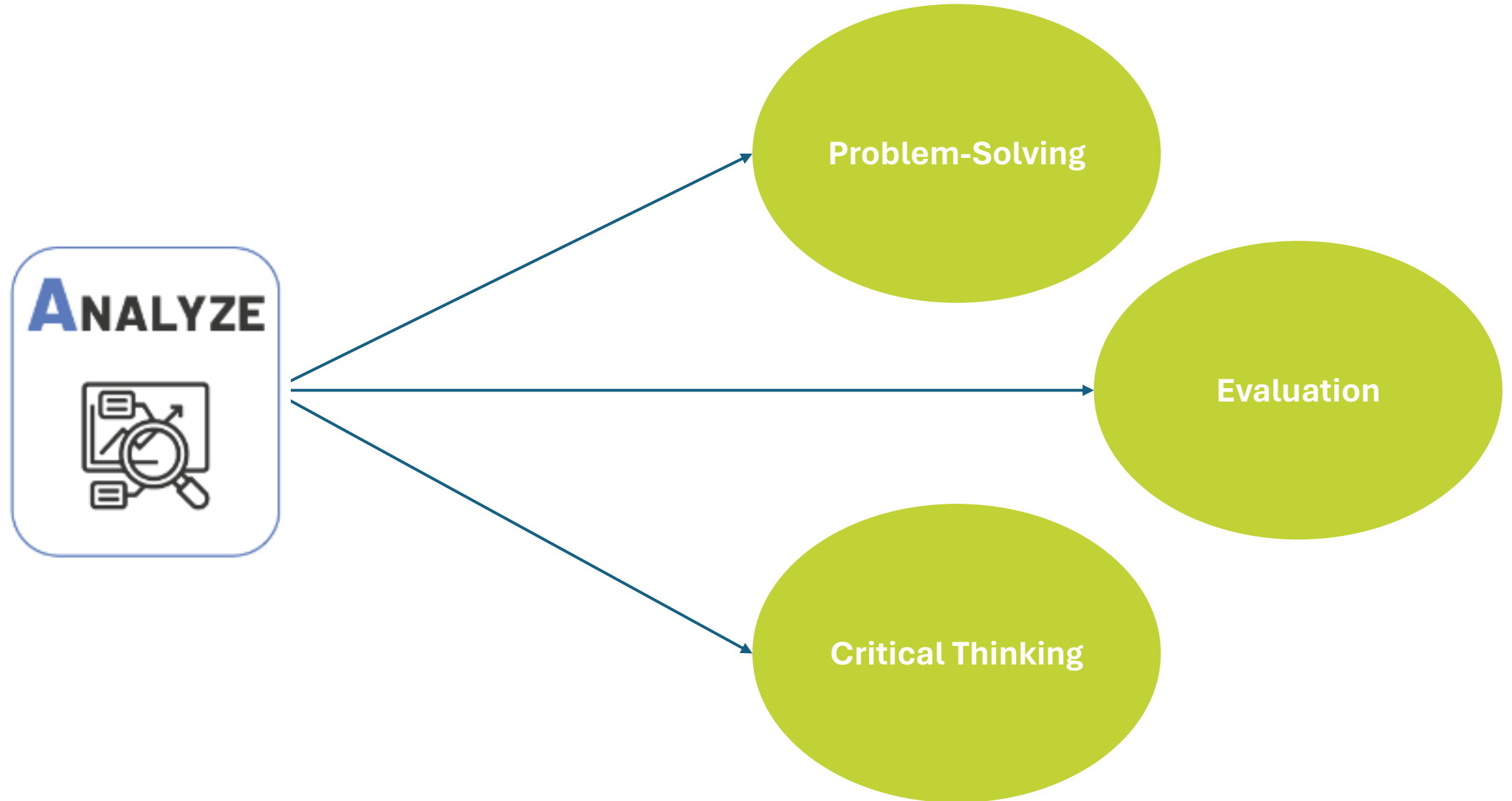
HOW TO OVERCOME THESE CHALLENGES (2/5)

Soft Skills required



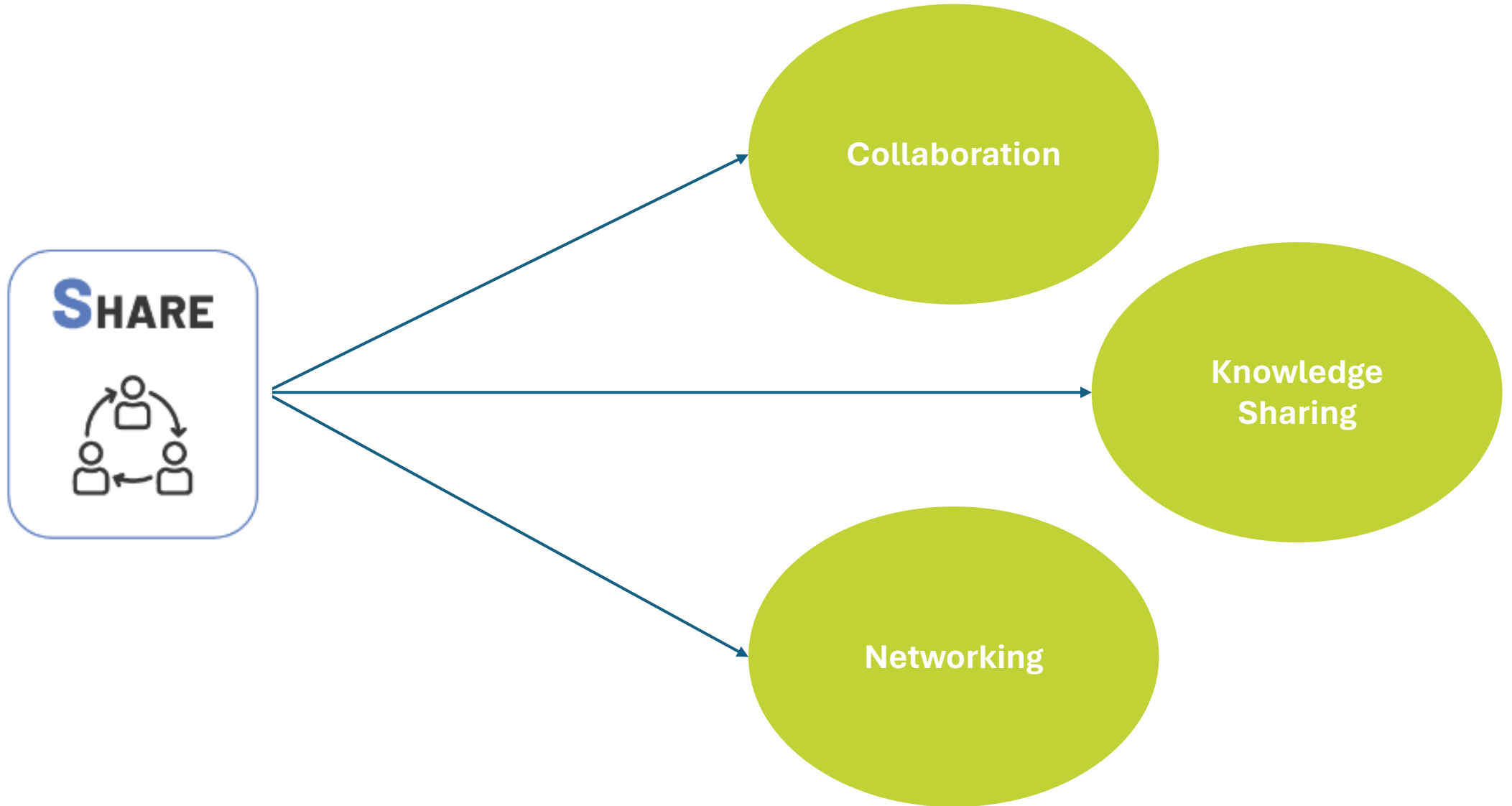
HOW TO OVERCOME THESE CHALLENGES (3/5)

Soft Skills required



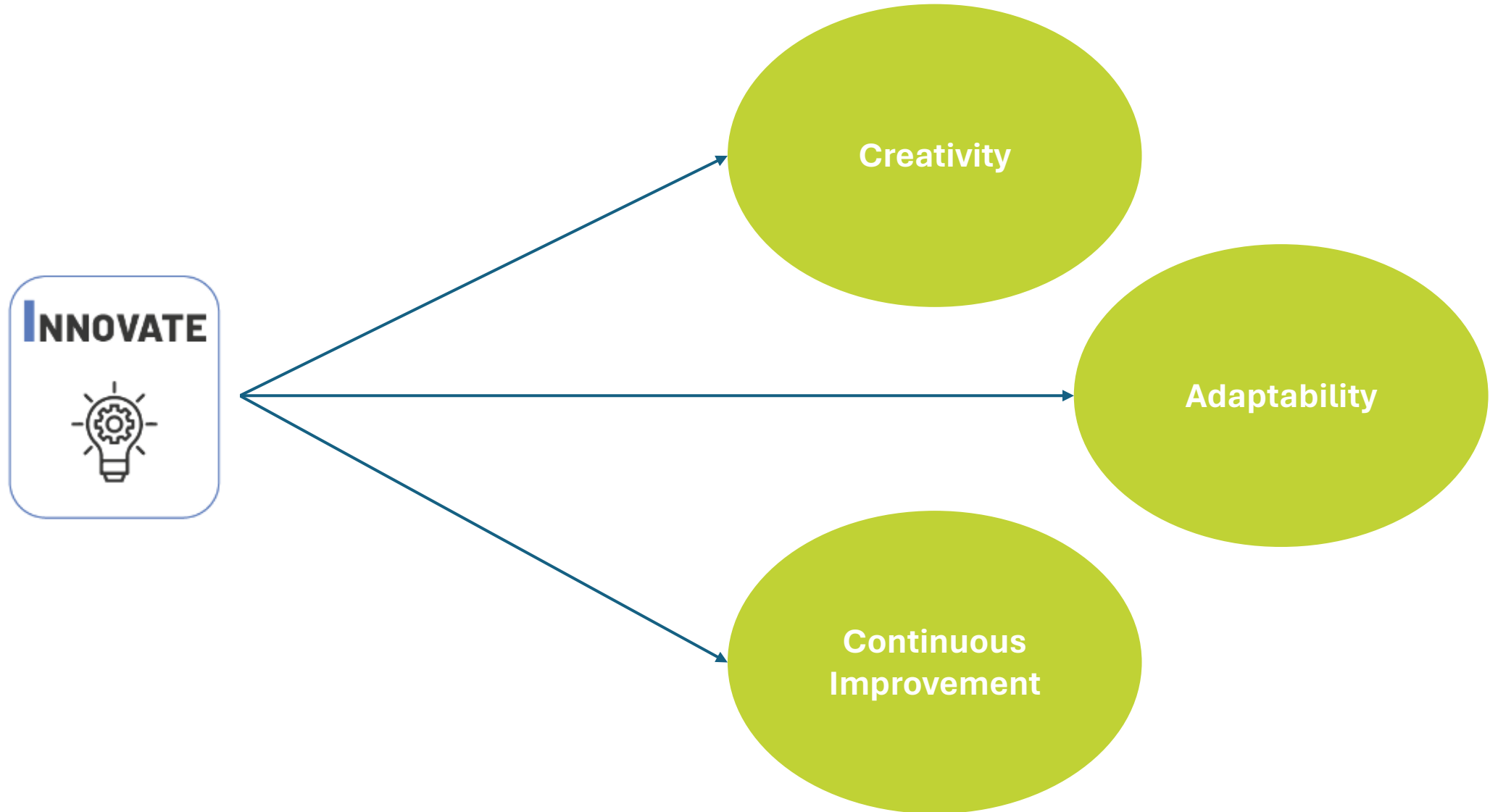
HOW TO OVERCOME THESE CHALLENGES (4/5)

Soft Skills required



HOW TO OVERCOME THESE CHALLENGES (5/5)

Soft Skills required











BUILD YOUR DATABASE APP WITH AI IN MINUTES (1/15)

What is [Knack](#)?



The best no-code platform for building custom online databases and applications.

Simple tools to build customized apps.

 Asset Management	 Custom CRM	 Customer Portal	 Grants Management
 Inventory Management	 Online Database	 Vendor & Supplier Portal	 Volunteer Management

BUILD YOUR DATABASE APP WITH AI IN MINUTES (2/15)

Why Knack?

- User-Friendly
- No-Code Platform
- Rapid Development and Deployment of Custom Applications
- Integration Capabilities with Various Data Sources
- Knack AI APP builder

BUILD YOUR DATABASE APP WITH AI IN MINUTES (3/15)

Database application creation without AI

- 1.Document clearly business requirements
- 2.Create a consistent logical data models based on business requirements
- 3.Database creation with Knack from scratch using the logical data models
4. Physical data model is created automatically after creating tables into Knack
- 5.Tables Creation => Need times. From my experiences creating 10 tables + 50 Fields (each table with maxi 5 fields) will require 1h. In reality we have at least 20 tables for our data model with at average 10 attributes for each table. Which can require more time to implement.
- 6.Pages Creation => Same problems need times to create
- 7.Dashboard Creation => Same problems need times to create
- 8.UX/UI Creation => Same problems need times to create

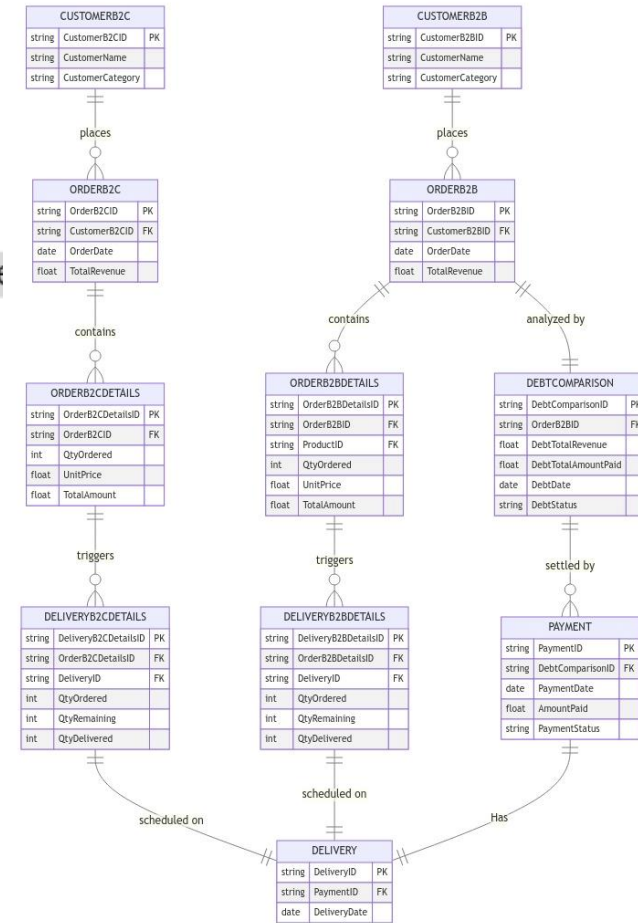
Database creation from scratch

VS

Database application creation with AI

- 1.Document clearly business requirements
- 2.Automate Tables Creation
- 3.Automate physical data model creation
- 4.Automate Pages Creation
- 5.Automate Dashboard Creation
- 6.Automate UX/UI Creation

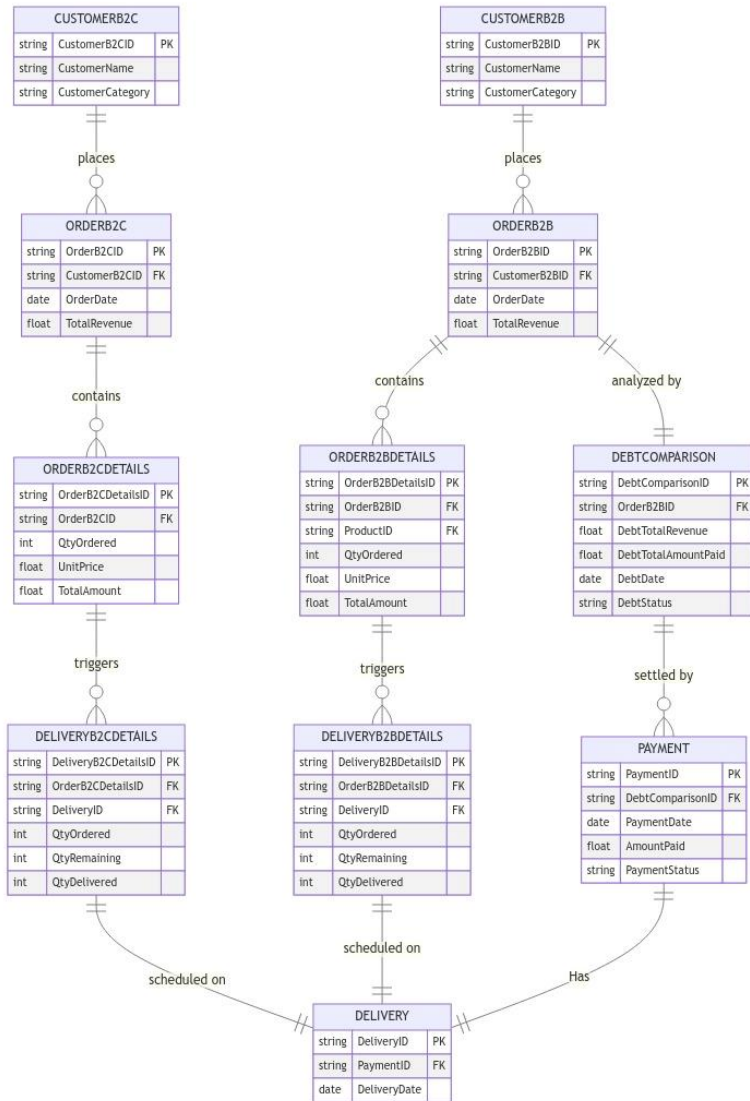
Database creation assisted by AI => version 1 need to adapt



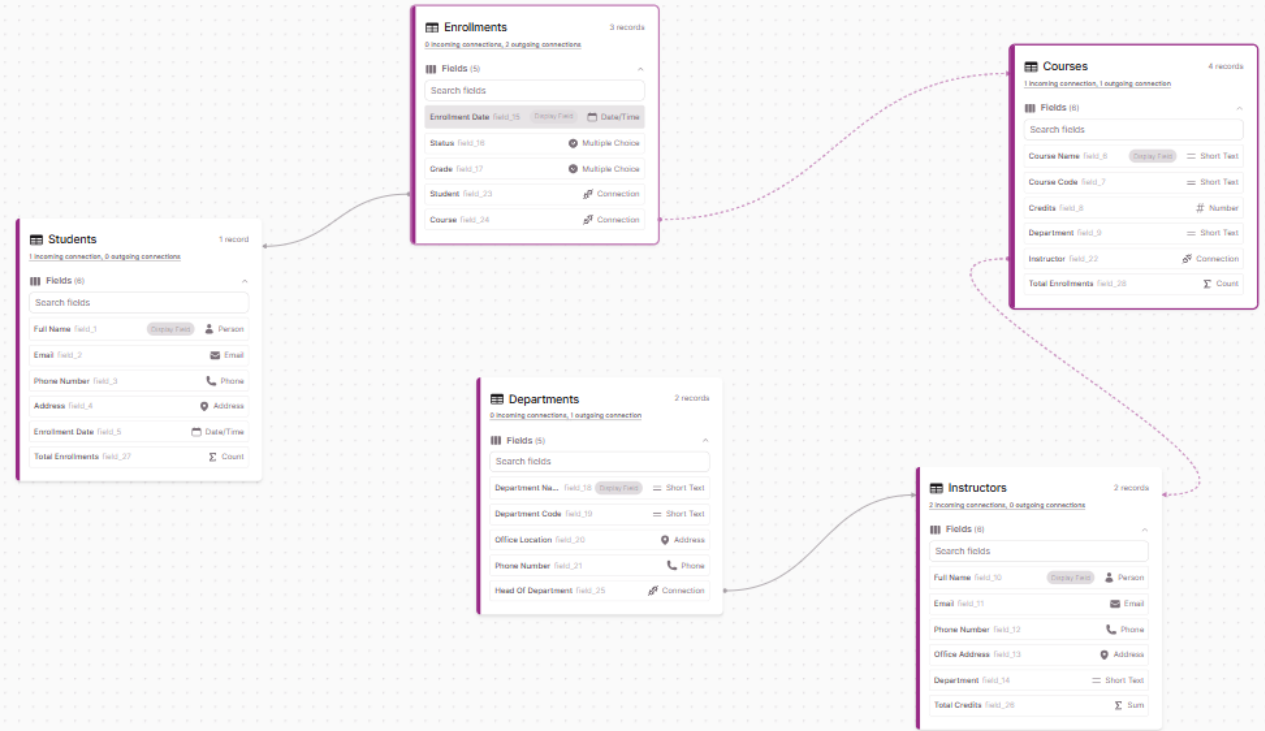
This is what the logical data model looks like

BUILD YOUR DATABASE APP WITH AI IN MINUTES (4/15)

This is what the logical data model looks like



This is what the physical data model looks like in Knack (Schema diagram)



BUILD YOUR DATABASE APP WITH AI IN MINUTES (5/15)

Knack AI APP BUILDER

Knack leverages AI to help businesses build custom apps quickly and efficiently, addressing many of the challenges of traditional data management systems

Describe Your Future App Idea and meet the success of your database APP.
Important skills:

- **Write:** Detailed requirements and needs, clear process flows.
- **Analyze:** Clearly define the App scenarios, Identify problem need to be solved, prioritize process APP feature, evaluate clearly the assess needs, benchmarking, define KPIs.
- **Share:** Ensure all team members understand and agree on the app's requirements, Knowledge sharing
- **Innovate:** Prioritize creativity, adaptability and continue to improve



BUILD YOUR DATABASE APP WITH AI IN MINUTES (6/15)

Knack AI APP BUILDER

The Benefits of an AI-Powered App with Knack

- Automated Tables Creation
- Automated Data Model Creation
- Automated Pages Creation
- Automated Dashboard Creation
- Automated UX/UI Creation

BUILD YOUR DATABASE APP WITH AI IN MINUTES (7/15)

The Importance of a Precise Business Mission

❑ Even though prompting is powerful, having a clear and precise business process is crucial for success.

❑ Examples from Drinkizz:

Business requirement:

"A B2C customer pays in advance for a large quantity of O.N.E Drink products. The sale is processed as completed in our POS WooCommerce system. The product is delivered over a defined period."

B2C Sales process (POS WooCommerce)

1. **Order management**
 - B2C customers place orders in advance with full payment but staggered delivery schedules.
2. **Payment management**
 - Make sure that the order is paid in full by the customer as required by the business rules.
3. **Delivery management**
 - Flexibility to schedule deliveries in parts as per customer convenience or stock availability.
 - Well track the delivery to make sure what has been delivered, what is pending.
 - On completion of all deliveries, the system should verify and update the order status.
4. **Stock Management**
 - Inventory deductions based on deliveries

Problem encountered:

1. At the POS woocommerce system there is not a way to manage this kind of process
2. To follow this process, we need to customize the POS WooCommerce system, which can be risky to operate: **This kind of customization can be time-consuming and may affect the current system.**

Proposal Solution:

1. Manage this process in Knack
2. With a clear business requirement, we were able to prompt AI and get the data model and database that follow the requirement.

Create with AI ✨

Beta

Provide a brief description of your app, and we'll work our magic to create your vision.

Describe Your Ideal App *

[Suggest A Prompt](#)

I need a system to streamline the process for B2C customers prepaying for bulk O.N.E drink products orders. Sales are marked as complete in WooCommerce POS, and deliveries are scheduled over time. Order data includes date, product name, quantity, and amount. Customer data includes name and address. The system must manage orders linked with payments, delivery schedules, and inventory.

386/400

Cancel

Create

BUILD YOUR DATABASE APP WITH AI IN MINUTES (8/15)

Knack AI APP BUILDER

Business Use Case: Order, payment, delivery and inventory management (**Drinkizz use cases**)

O.N.E STATION > Customer Purchase Order B2C Logged in as DZOULOU Vinci Savitri - Account Settings - Log Out

CPO from WooCommerce (Version to start on 1.4.2024)

Search by keyword

Showing 1-100 of 4268

Page 1 of 43 < >

ID	Order date	Product total (VND)	CPO B2C code	Invoice number	Voucher code	Order status	Customer ID	Customer B2C
5340	07/06/2024	98.000	VNMSALECUPOBTC20240607-4	849	VNMONESDOCUOUSV202407-2799	completed	706	Khách vắng lai nodata@gmail
5339	07/06/2024	53.100	VNMSALECUPOBTC20240607-3	850	VNMONESDOCUOUSV202407-2799	completed	921	Hoàng Anh Tr anh11292@gr
5338	07/06/2024	14.700	VNMSALECUPOBTC20240607-2	851	VNMONESDOCUOUSV202407-2799	completed	296	Thuong Nguy product@drin
5337	07/06/2024	14.700	VNMSALECUPOBTC20240607-1	851	VNMONESDOCUOUSV202407-2799	completed	63	Laura Giap dieu.giap@dri
5336	06/06/2024	29.400	VNMSALECUPOBTC20240606-5	847	VNMONESDOCUOUSV202406-2798	completed	70	Tyna HUYNH hgiangcd@gr

Order & payment management

Search by keyword

Showing 1-25 of 49

Page 1 of 2 < >

mer ID	Customer B2C	Payment method	Product name	Total qty ordered	Total qty out	Total qty remaining	Total paid (VND)	Sales admin note
	[Redacted]	Bank Transfer	Salad Organic Kombucha Sauce	10	7	3	590.000	
	[Redacted] 872	Bank Transfer	Wake Up	4	1	3	147.000	
	[Redacted] 872	Bank Transfer	Slim Magic	3	0	3	110.250	

Delivery management

O.N.E STATION > Stock inventory > Stock inventory Details Logged in as DZOULOU Vinci Savitri - Account Settings - Log Out

Stock inventory Details

ID	5136
Item	O.N.E Drink (Organic Natural Energy) Can 250 ml
Department	ONE Station
Item lot	VNMLOT242
Data input date	19/04/2024
Rest of shelf life	85%
Total Stock In	5,784.0000
Total Stock Out	5,322.0000
Total stock available	462.0000
Unit	Cans
Stock purpose (Status)	Sales (B2B - B2C)

Stock movement

Search by keyword

Showing 1-100 of 203

Page 1 of 3 < >

Delete	ID	Stock inventory	Movement date	Quantity operated	Quantity required	Description	Stock movement type	Voucher
delete	12342	Drinkizz - B.002- Fridge 2 (Big with 30 box24) O.N.E Drink (Organic Natural Energy) Can 250 ml VNMLOT242 - 5136	07/06/2024	3.0000	3.0000	out stock for BTC20240607-3	Out	VNMONESDOCUOUSV2 2799
delete	12337	Drinkizz - B.002- Fridge 2 (Big with 30 box24) O.N.E Drink (Organic Natural Energy) Can 250 ml VNMLOT242 - 5136	06/06/2024	1.0000	1.0000	out stock for BTC20240607-3	Out	VNMONESDOCUOUSV2 2799

Stock management

BUILD YOUR DATABASE APP WITH AI IN MINUTES (9/15)

Knack AI APP BUILDER



BUILD YOUR DATABASE APP WITH AI IN MINUTES (10/15)

Knack AI APP BUILDER

Business Use Case: Inventory And Sales Monitoring

Create with AI Beta ✕

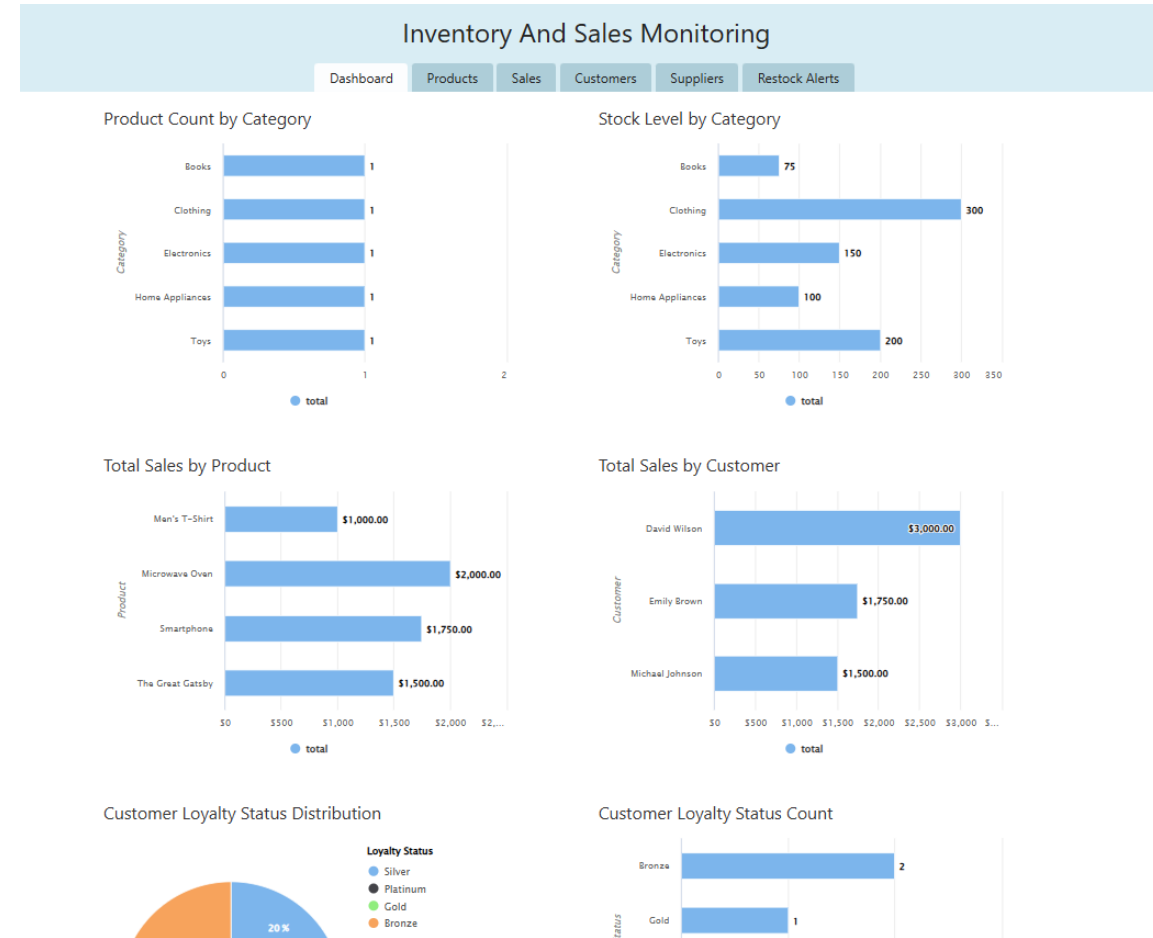
Provide a brief description of your app, and we'll work our magic to create your vision.

Describe Your Ideal App * Suggest A Prompt

Develop a system that enables effective monitoring of inventory levels and comprehensive analysis of sales data in real-time, with automatic alerts for restocking when inventory reaches low levels.

197/400

Cancel
Create



BUILD YOUR DATABASE APP WITH AI IN MINUTES (11/15)

Knack AI APP BUILDER

- Automated Tables Creation
- Automated Data Model Creation
- Automated Pages Creation
- Automated Dashboard Creation
- Automated UX/UI Creation



Student Enrollment And Academic Tracking

Tables

- Students
- Courses
- Instructors
- Enrollments
- Departments

User Roles

- Accounts
- Administrators

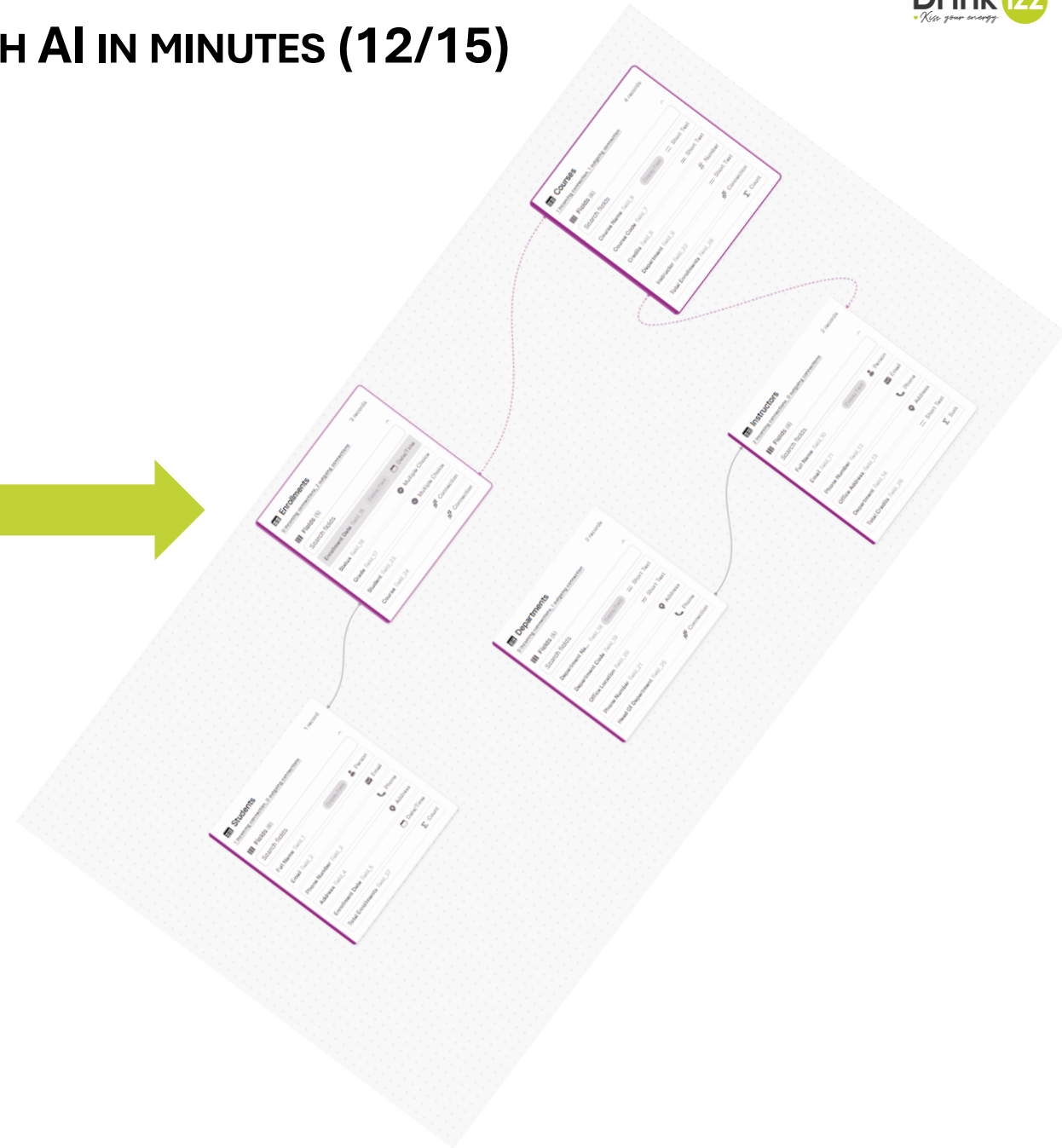
Customer Payments

Enable E-Commerce

BUILD YOUR DATABASE APP WITH AI IN MINUTES (12/15)

Knack AI APP BUILDER

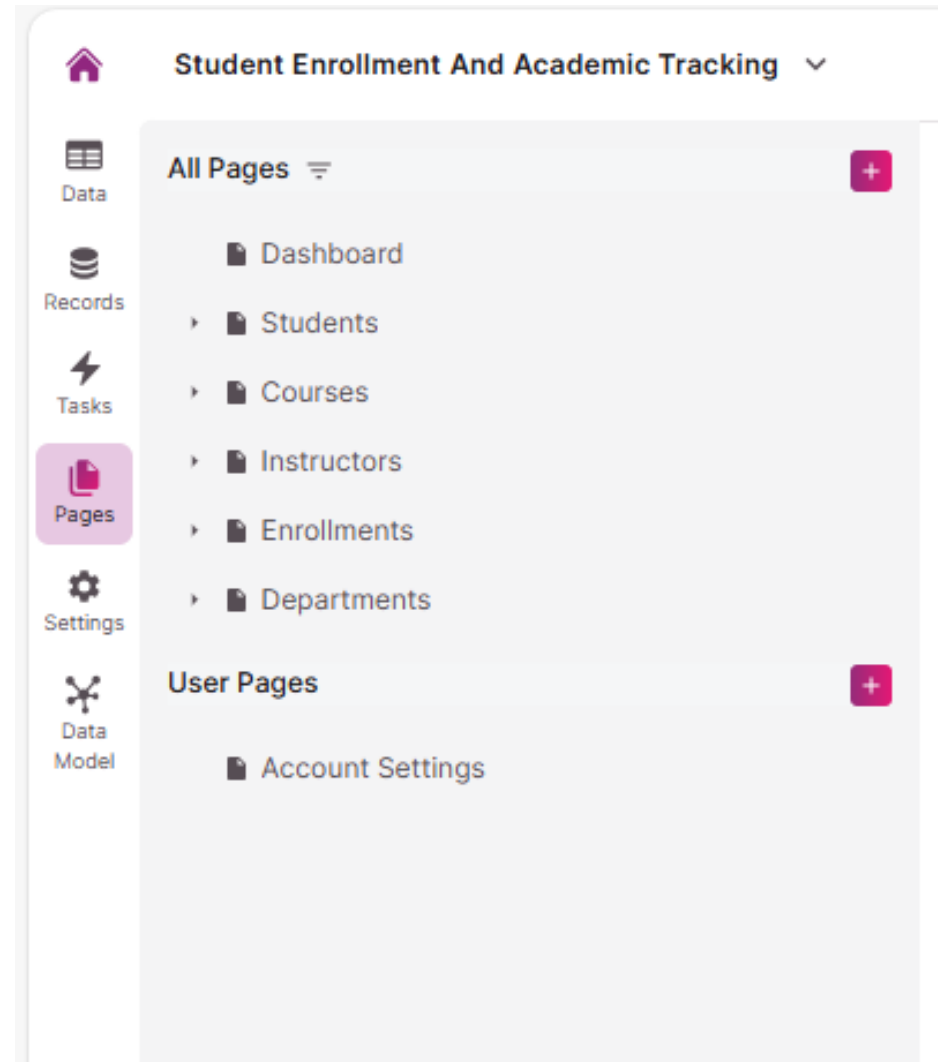
- ❑ Automated Tables Creation
- ❑ **Automated Data Model Creation**
- ❑ Automated Pages Creation
- ❑ Automated Dashboard Creation
- ❑ Automated UX/UI Creation



BUILD YOUR DATABASE APP WITH AI IN MINUTES (13/15)

Knack AI APP BUILDER

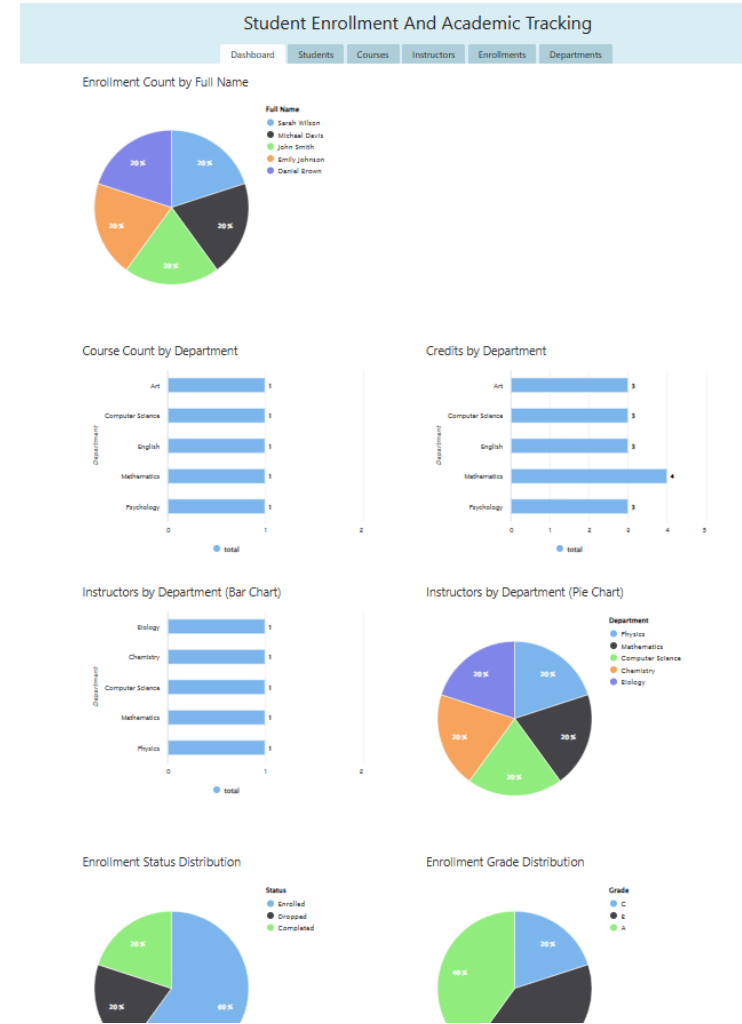
- Automated Tables Creation
- Automated Data Model Creation
- Automated Pages Creation**
- Automated Dashboard Creation
- Automated UX/UI Creation



BUILD YOUR DATABASE APP WITH AI IN MINUTES (14/15)

Knack AI APP BUILDER

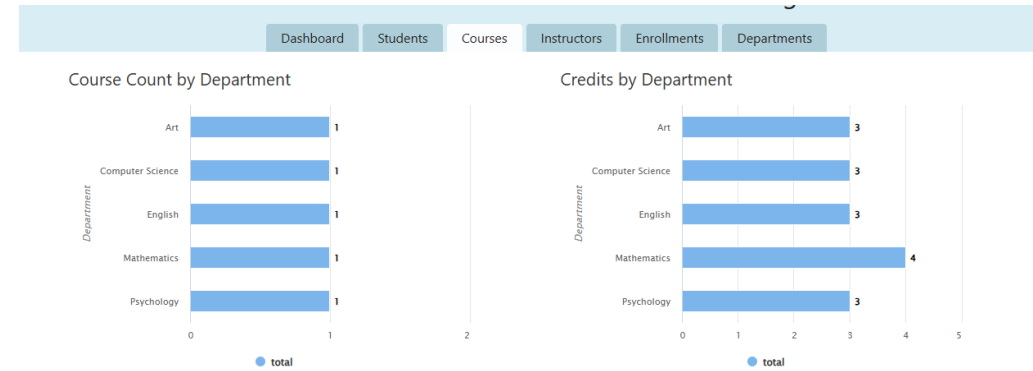
- Automated Tables Creation
- Automated Data Model Creation
- Automated Pages Creation
- Automated Dashboard Creation
- Automated UX/UI Creation



BUILD YOUR DATABASE APP WITH AI IN MINUTES (15/15)

Knack AI APP BUILDER

- Automated Tables Creation
- Automated Data Model Creation
- Automated Pages Creation
- Automated Dashboard Creation
- Automated UX/UI Creation

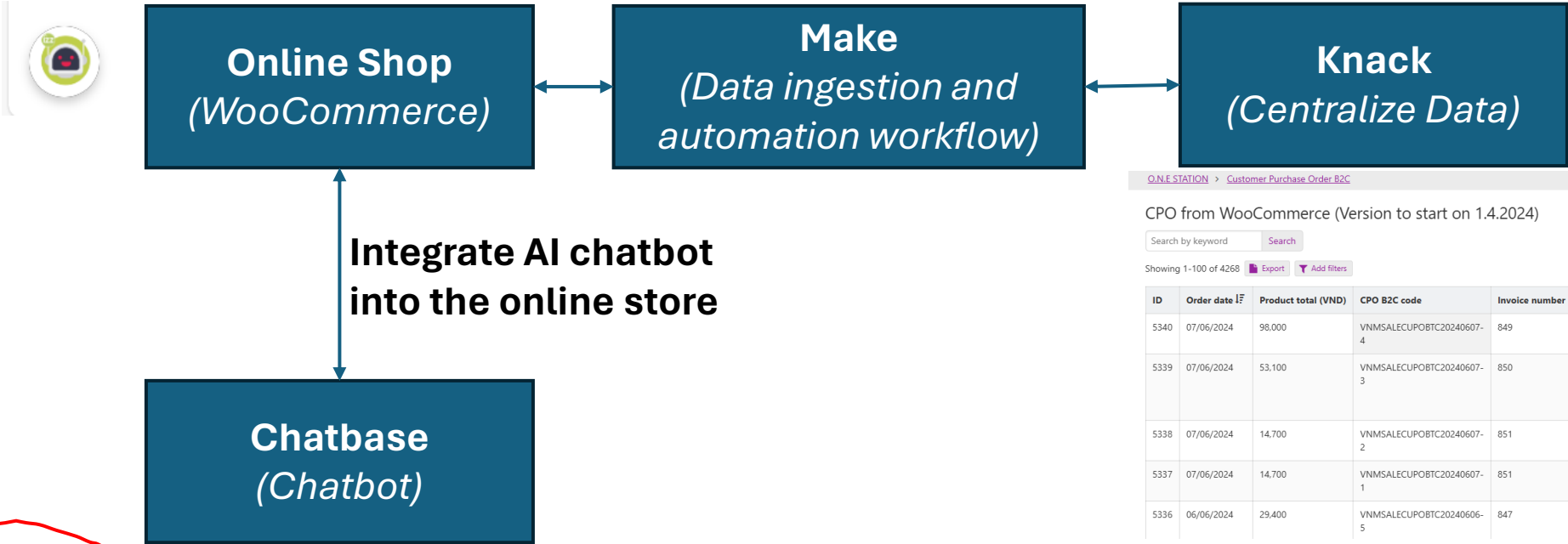


The screenshot shows a web application dashboard with a navigation bar at the top containing 'Dashboard', 'Students', 'Courses', 'Instructors', 'Enrollments', and 'Departments'. The 'Students' page is active, featuring an 'Add Student' button, a search bar, and an 'Export' button. Below these is a table with columns for 'View', 'Edit', 'Full Name', 'Email', 'Phone Number', 'Address', 'Enrollment Date', and 'Total Enrollments'. A single student record is displayed.

View	Edit	Full Name	Email	Phone Number	Address	Enrollment Date	Total Enrollments
View	Edit	Daniel Brown	daniel.brown@example.com	(777) 888-9999	3768 Keeling Common Makaylaboro, ME 81659	11/12/2022 12:00am	1

INTEGRATING WOOCOMMERCE WITH KNACK: AI-ASSISTED DOCUMENTATION & DATA MODELING (1/2)

O.N.E Drink (Organic Natural Energy) – Drinkizz Shop



Integrate AI chatbot into the online store

O.N.E STATION > Customer Purchase Order B2C

Logged in as DZOULOU Vinci Savitri - Account Settings - Log Out

CPO from WooCommerce (Version to start on 1.4.2024)

Search by keyword Search

Showing 1-100 of 4268 [Export](#) [Add filters](#) Page 1 of 43

ID	Order date	Product total (VND)	CPO B2C code	Invoice number	Voucher code	Order status	Customer ID	Customer B2C
5340	07/06/2024	98.000	VNMSALECUPOBTC20240607-4	849	VNMONESDOCUOUSV202407-2799	completed	706	Khách vắng lai nodata@gmail
5339	07/06/2024	53.100	VNMSALECUPOBTC20240607-3	850	VNMONESDOCUOUSV202407-2799	completed	921	Hoàng Anh Tr anh11292@gr
5338	07/06/2024	14.700	VNMSALECUPOBTC20240607-2	851	VNMONESDOCUOUSV202407-2799	completed	296	Thuong Nguyi product@drin
5337	07/06/2024	14.700	VNMSALECUPOBTC20240607-1	851	VNMONESDOCUOUSV202407-2799	completed	63	Laura Giap dieu.giap@dr
5336	06/06/2024	29.400	VNMSALECUPOBTC20240606-5	847	VNMONESDOCUOUSV202406-2798	completed	70	Tyna HUYNH hgiangcd@gr

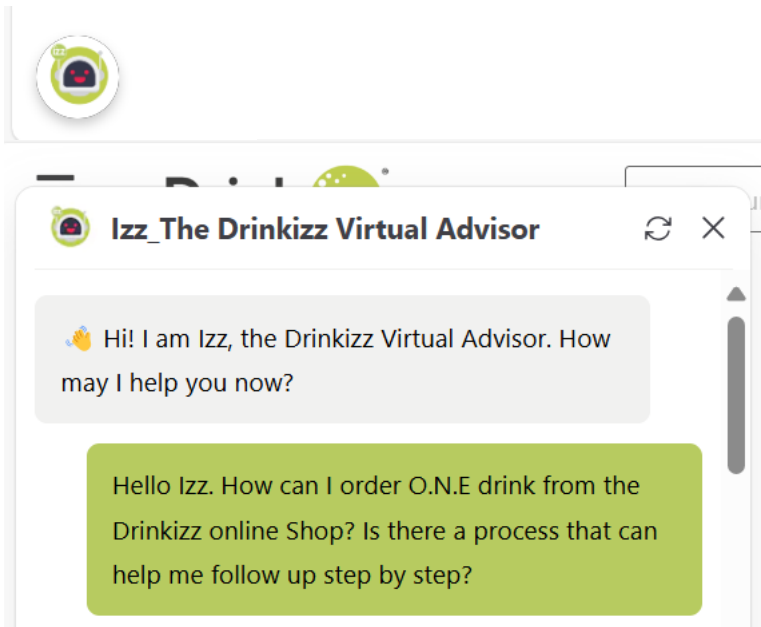
FAQ-Online ordering process-2023-08-08.docx.pdf (6,884 chars)

Chatbase Prompt.docx (8,460 chars)

Business requirements

INTEGRATING WOOCOMMERCE WITH KNACK: AI-ASSISTED DOCUMENTATION & DATA MODELING (2/2)

O.N.E Drink (Organic Natural Energy) – Drinkizz Shop



Drinkizz Virtual Advisor

Hello! To order O.N.E drink from the Drinkizz online shop, please follow these steps:

1. Access the Website:

- Open your preferred web browser.
- Enter the URL: [Drinkizz Online Shop](#).

2. Login/Register:

- Navigate to the menu and look for the "LOGIN / SIGNUP" option.
- If you already have an account, input your login credentials and select "Login."
- If you're a new user, choose the "Register" option and provide the necessary details to create your account. Once registered, log in with your new credentials.

AI Guideline

3. Browse and Select Products:

- Browse through the available products and select the O.N.E drink you wish to purchase.

4. Add to Cart:

- Choose the quantity of the product you want to buy and click "Add to Cart."

5. Review Your Cart:

- Go to your cart to review the items you have selected. Make any necessary adjustments.

6. Proceed to Checkout:

- Click on the "Checkout" button to proceed.

7. Enter Shipping Information:

- Fill in your shipping details accurately.

8. Choose Delivery Service:

- Select the delivery service that suits your needs.

9. Select Payment Method:

- Choose your preferred payment method.

10. Confirm Order:

- Review all the details and confirm your order.

If you need any further assistance, feel free to contact our customer support through the "Contact Us" button on the website or call us directly. Happy shopping!

ACTIONS YOU SHOULD TAKE NOW FOR YOUR NEXT MOVE

Businesses should leverage technology to enhance productivity, especially during the current tech boom.

SMEs and startups can benefit from no-code and AI solutions, which are scalable, agile, and require minimal technical skills, making digital transformation more accessible with low cost.

We have over **4 years** of experience in this domain and are happy to help. We have launched two interesting offers:

- No-code & AI Training Session**
- No-code & AI Consulting Package**

Drink izz & META
PRESENT

MASTERING NO-CODE AND AI

Master the fundamentals of No-code and AI with a hands-on **4-hour course** designed to help you launch and scale your business.

"Featuring a real-world case study from startup Drinkizz in the beverage industry."

Drink izz
NƯỚC O-N-E
ORGANIC NATURAL ENERGY

"Level up your business with No-code and AI."

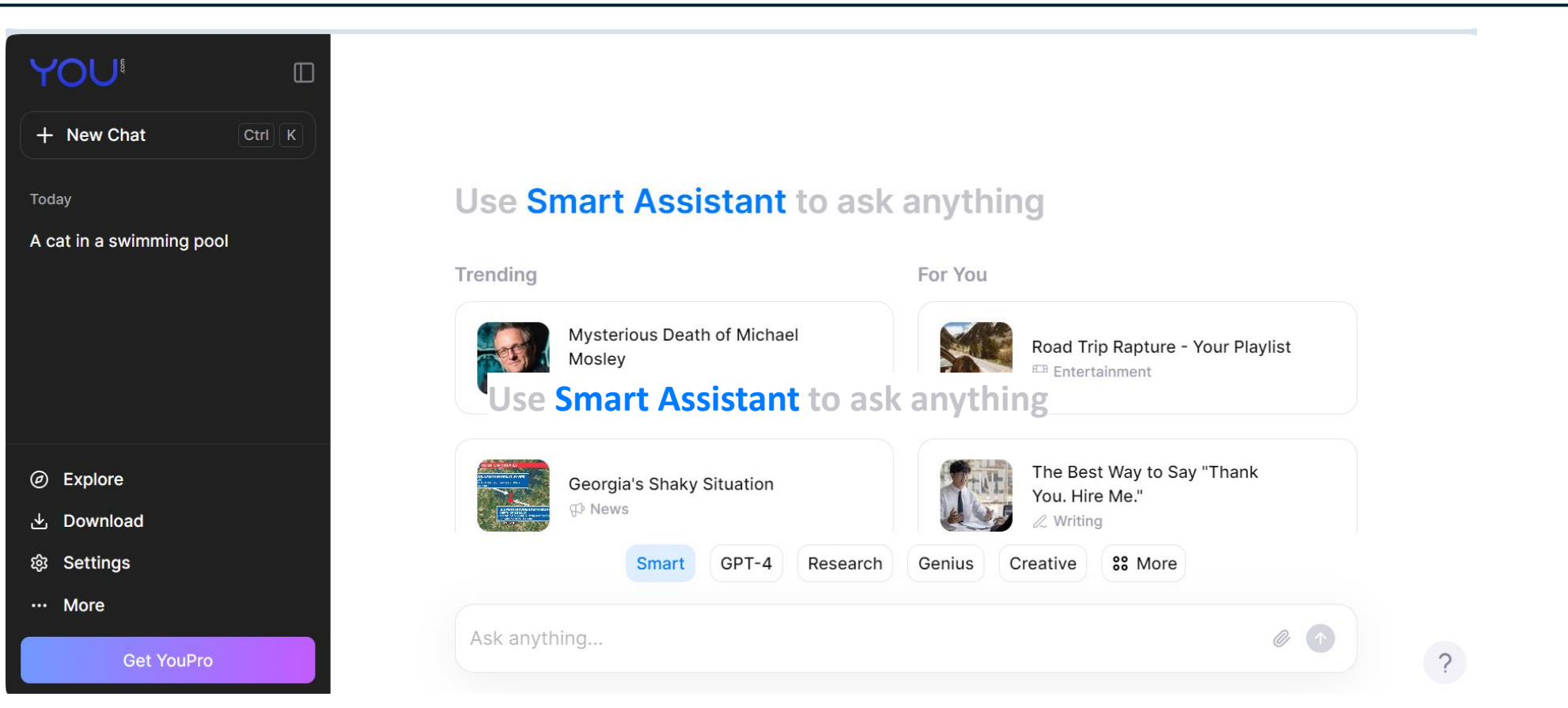
TO LEARN MORE
WWW.DRINKIZZ.COM

Q&A

A red square containing the text 'AI NEWS' in white. The letters 'A' and 'I' are each enclosed in a white square, and they are positioned above the word 'NEWS' which is written in a bold, sans-serif font.

AI
NEWS

A GREAT AI TOOL I FOUND FOR YOU AND CAN INCREASE YOUR PRODUCTIVITY ([YOU.COM](https://you.com))



1. Use **Smart Assistant** to ask anything, to catch up on news, to search the web, to help draft a project update
2. Chat using **OpenAI's GPT-4 model**, enhanced with You.com AI
3. Use **Creative Assistant** to magically transform your ideas into stunning visuals and one-of-a-kind graphics
4. Use **Research Assistant** to conduct in-depth analysis and comparisons for specific topic exploration
5. Use **Genius Assistant** to solve multi-step problems with advanced capabilities, including file uploads
6. Explore **More** and be more productive

ENGAGE META

French version starts at: 3:53

McKinsey: The economic potential of generative AI: The next productivity frontier

1

**REPORT
MC KINSEY**

70% chance of losing your job due to Artificial Intelligence

\$4.4 trillion annually in value to the global economy

Absorb up to 70% of employees' time today

3.4% annually to productivity growth

will be reserved for an elite.

0:48 / 7:32

Music by artist.io

ENGAGE META

French version starts at: 3:53

2

CONSEQUENCES

Capital will be necessary to have an alternative source of income to wages

Universal basic income will be a backup solution

You will need capital that generates interest

now. You have two fundamental

1:30 / 7:32

Music by artist.io

ENGAGE META

French version starts at: 3:53

3

ADVISES

Start investing to build capital that will guarantee your financial freedom

Improve your skills to master AI

Do not settle for mediocrity

2:26 / 7:32

Music by artist.io

ENGAGE META

French version starts at: 3:53

4

AI SKILLS

1 - Articulate your knowledge

2 - Formalize powerful interrogation logic

3 - Understand how to incrementally enrich AI training

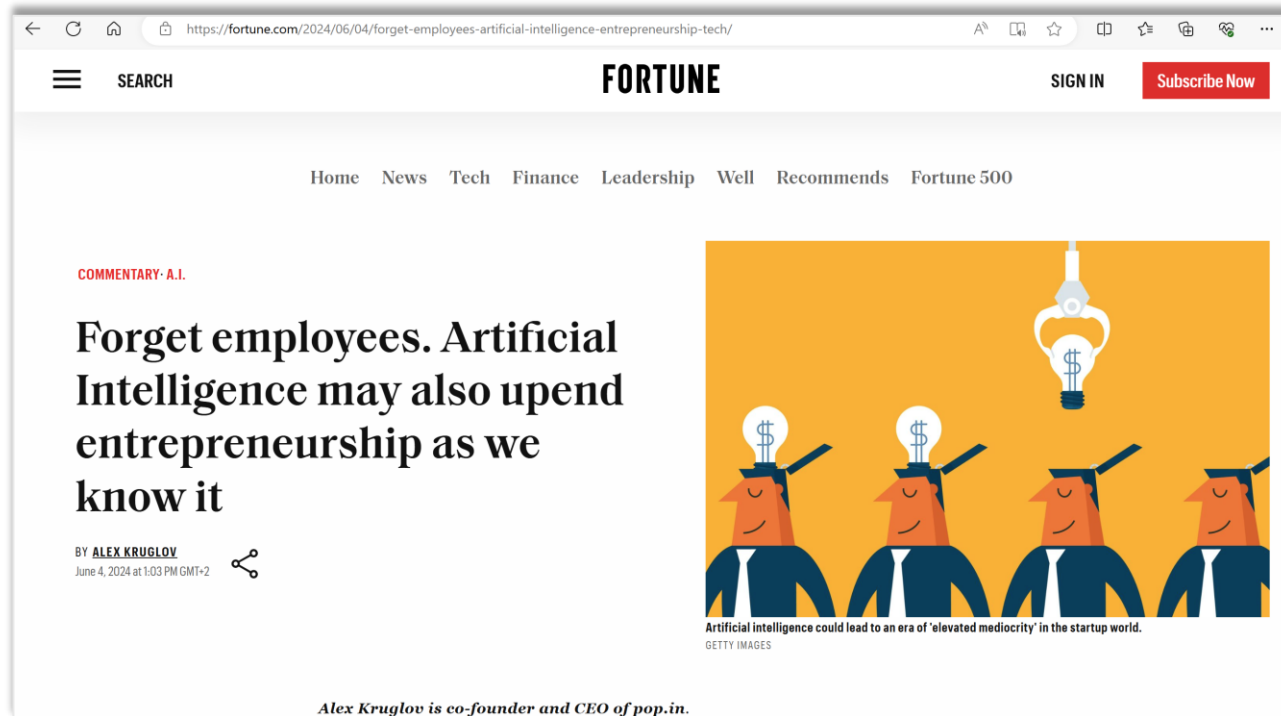
such as your colleagues or

2:46 / 7:32

Music by artist.io

AI NEWS (PIERRE) AN ARTICLE THAT I FOUND FOR YOU

<https://fortune.com/2024/06/04/forget-employees-artificial-intelligence-entrepreneurship-tech/>



“ Solopreneurs armed with advanced AI capabilities will be able to execute and scale business ideas at an unprecedented pace and with significantly lower overhead costs. This shifts the traditional role of venture capital and challenges its very necessity. ”

THANK YOU!