

SCHWARZ



Get
Goodies

| HACKFESTIVAL |

Zero Waste challenge:

- **Identify** soon expired items
- **Find** ways to redistribute these items
- **Utilize** excess inventory
- **Reduce** the need for disposal and the associated environment impacts





Letter G as in Get Goodies



Clock and the time
that is expiring



Recycling



Get Goodies

How do we reduce waste?

- Ranking system for Goodies
- Simulate Goodies go-to market strategies
- Promotions based on feedback from customers
- Have a chat with the Goodies AI



Get Goodies

Last Call Goodies

Theme Goodies

**Redistribute Items
Utilize Excess**

Chat with AI

**Create Different
Goodies**

**Identify Expired
Items**

Weekly Goodies

Event Goodies



Get Goodies

Chat with AI for Preferences

Hey, can you help me with a Chicken Curry recipe?

Of course!

Here's a simple Chicken Curry recipe:

Chicken Curry Recipe Ingredients:

- Chicken Breast Fillets
- 400g Coconut Milk
- 200ml Red Onion
- 100g Garlic
- 10g Ginger

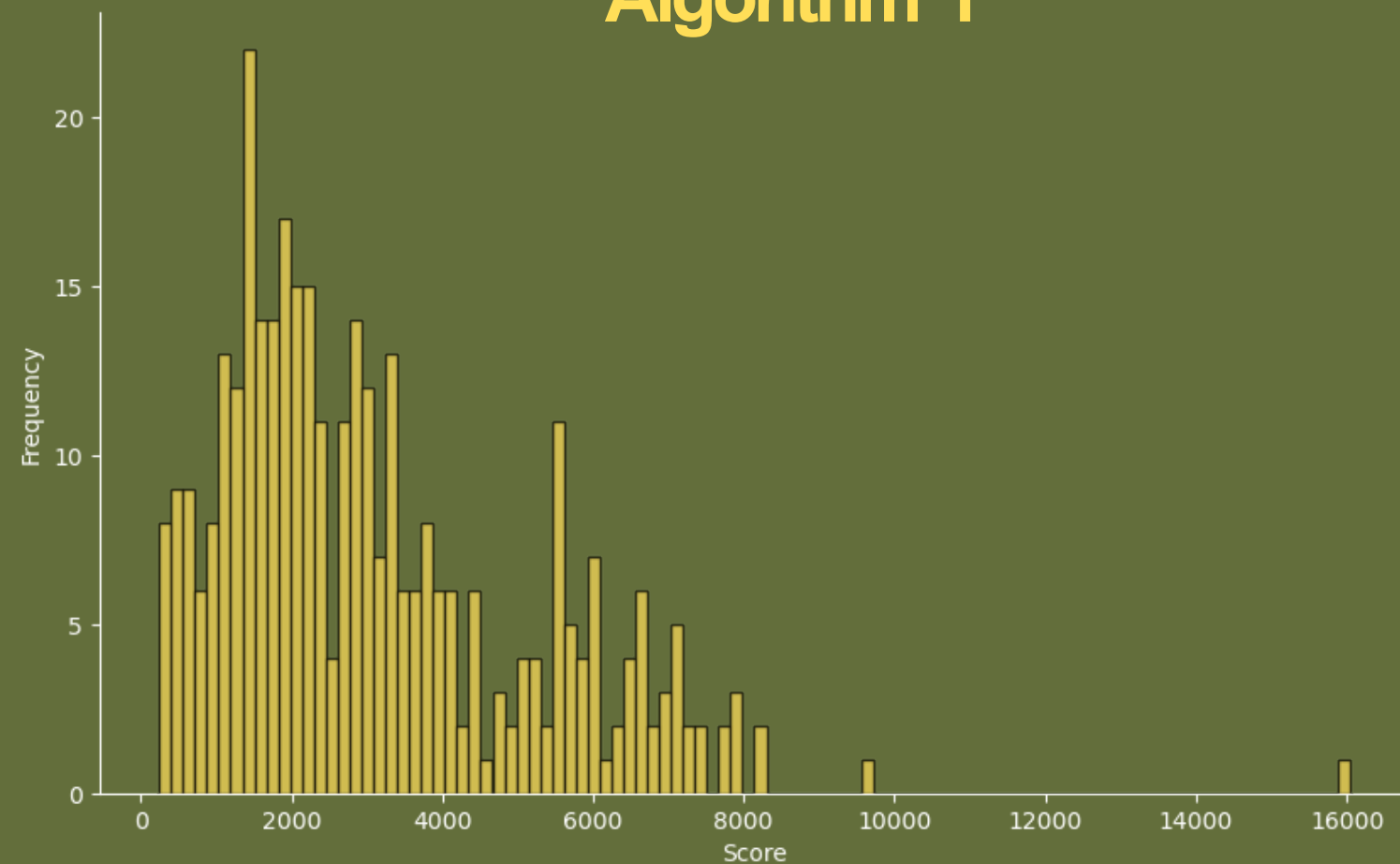
🔍 | Ask your goodie...



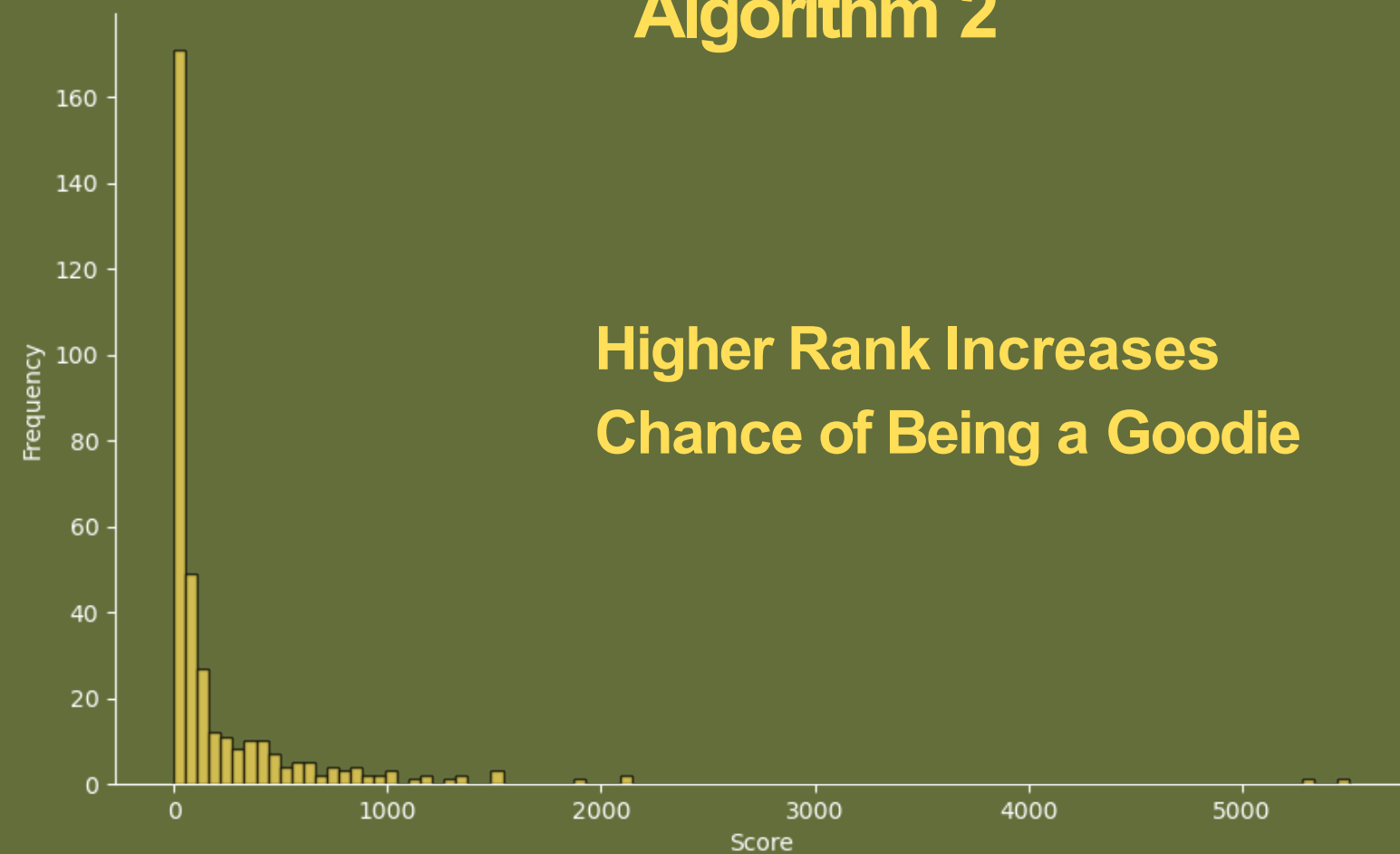
Identify Soon Expired Items

- Use a score system with these 3 data we have from the products:
 - Expiration date** - 10 points
 - Availability** - 7 points
 - Weight** - 5 points
- Start Discounts from **25% up to 75%**
- Create **alerts** for prices for favorite products when reach prices

Algorithm 1



Algorithm 2



**Higher Rank Increases
Chance of Being a Goodie**



Get Goodies



Weekly Goodies

Stress free menus for everyday cooking

Lidl creates menus based on the top scoring expiring items

Bundles:
Based on the “Rettertüte”
(rescue bag)
“Ohne Stress Menu”
(No stress menu)

Theme Goodies

Get themed food for your special nights

Movie nights,
Valentines,
Gaming nights,
Coding nights,
Party night,
Camping, BBQ,
Road trip,
And many more!

Based on current emotions: Pick-me-up Packages



Get Goodies

Event Goodies

“Bulk buy for your BIG events”

Festivals

Weddings

Concerts

Business Events

Large orders to fix inventory challenges



Get Goodies





Get Goodies

Reduce the need for disposal

Food preservation methods and promoting sustainable practices

Fermenting, drying and selling the tools to promote pickling

Freezing fruits that are too plenty during season





Get Goodies

Win - Win situation



Regular products

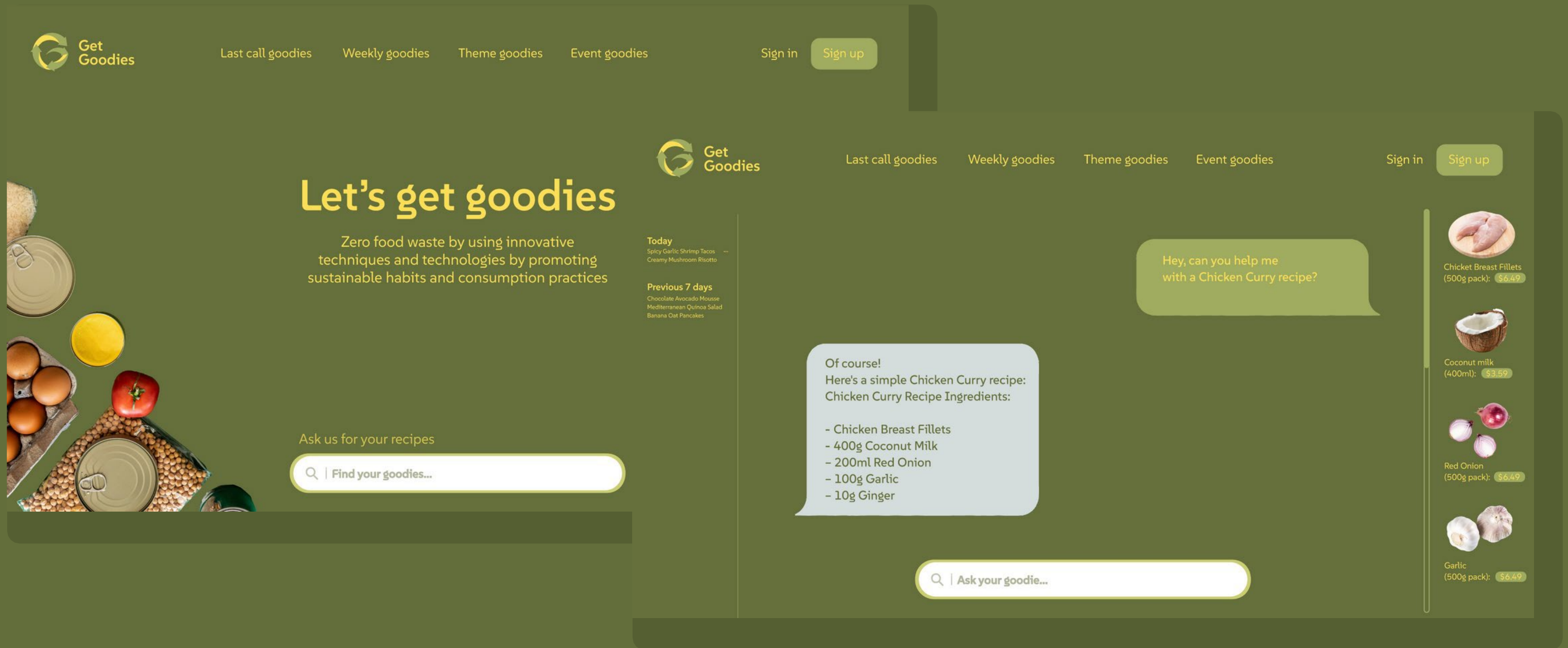
Spend 100 EUR on Lidl shop >
Get 10 EUR free on Get Goodies



Soon to expire / Get goodies

Spend EUR on Get Goodies, get points
for future purchases or packages with food.

UI/UX






Get Goodies

What We Explored?

Fullstack

- Monidas Platform
- Pair programming + instant deployment 
- LAN JAM (Linux + Apache + Node + JS + API/AI + Markup)

AI

- Custom LLMs
- Azure AI Search
- Azure AI RAG (Retrieval Augmented Generation)

Visit Goodies @ <https://app.sc.hack.monidas.com/apps/gg/#>

Code: https://github.com/ColombaLink/hackathon_mannheim_2024/





Get Goodies

Meet the Team

Fabrizio Parrillo

Niluka Piyasinghe

Normand Overney

Genti Zarari

Anyla Musa



Thank You:
schwarz digits

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