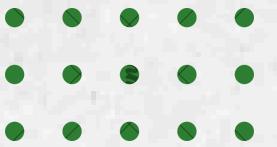




**NEUEFISCHE & SPICED ACADEMY**  
Data Science & AI



# NutriAI

## Agent for your personal diet

Presented by:

**IEVGEN, DAT, NILS & LEYA**

Date:

**FEBRUARY 27<sup>TH</sup>, 2026**

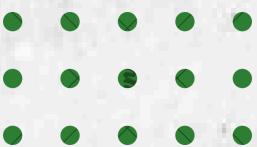


**by Eatelligent**

[Capstone Project](#)

[Contact us via Discord!](#)

# Agenda



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## Introduction

03

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## Application

04

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## App Demo

05

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## Future Development

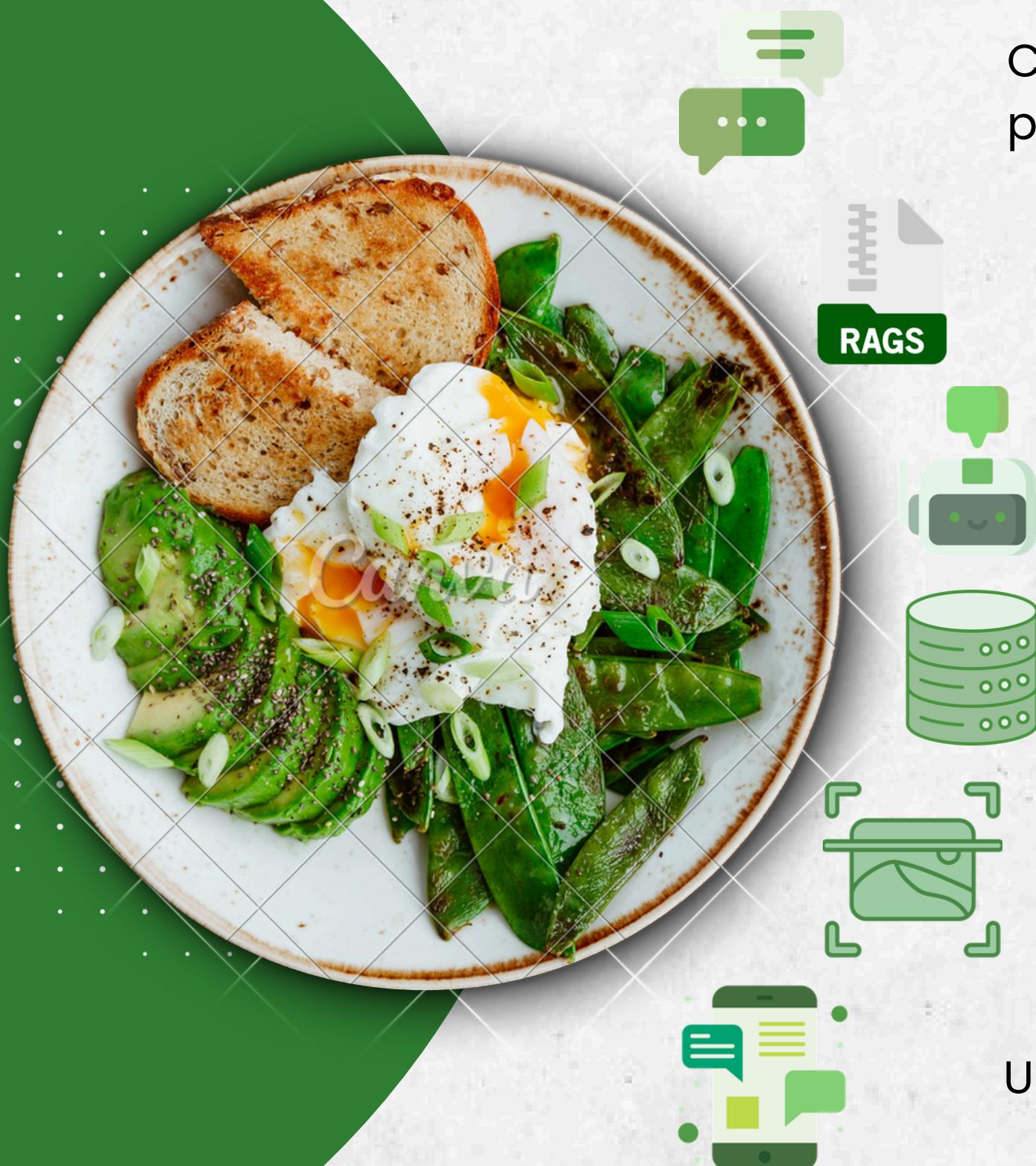
06

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## Q&A

07

# Our Project



Conversational ChatBot for  
personalized meal suggestions

Based on 2 Retrieval-Augmented Generation Systems  
Medical RAG and Recipes&Nutrition RAG

Agent for Chat & Tool orchestration

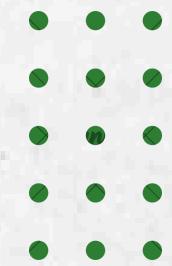
Database with SQLite

Convolutional Neural Network  
for food detection

UI built with Flutter

# Application Process

A trusted digital health companion that empowers individuals with personalized nutrition guidance, bridging AI, healthcare, and daily life — one meal at a time.



Start App

Register  
or  
Login

Chatbot

Ask for recipes  
&  
save recipes

Functions

Dashboard  
&  
Profile



# Possible future development

## On device Version

- develop chatbot version based on smaller LLMs
- enable to run on small devices like Mobilephones & Raspberry Pi

## Daily Companion

- enable tracking of full daily nutrition data
- additional functions for medical & nutritional advice

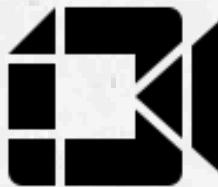
## Multi-User Functionalities

- users can track & plan their nutrition plans in cooperation with their caretakers
- guidance through changing levels of functional independence



Thank You!

# Connect with us



Join our Q&A after all presentations in the  
**NutriAI Breakoutroom**



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<https://github.com/PartORG/nutrition-ai-assistant>



