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ZvážTo – Smart Food Recognition App

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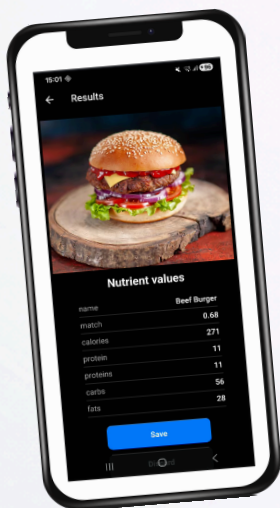Pavol Jozef Šafárik University in Košice   RNDr. Viliam Kačala, PhD.

Let's be honest, nobody enjoys writing down every single meal.
Manual calorie tracking is slow, annoying, and easy to forget.
Most people stop after a few days.
That's why we created a fast, simple, and automated solution.

App Architecture

- Mobile client captures meal photo
- REST API upload to backend
- AI inference service: food detection + classification
- Nutrition estimator maps food
- Response returned as JSON to the client
- Persisted to DB

Main features

- Food recognition using AI
- Automatic estimation of nutritional values
- Minimal user interaction
- Meal history tracking
- Daily nutritional summaries
- Calendar-based food logging

How it works ??

- User takes a photo of a meal
- Image is uploaded to the server
- AI analyzes the food
- Nutritional values are calculated
- Results are shown to the user
- Meal is saved to calendar
- Daily stats are updated

LIVE IT PROJECT

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