Kitchen Creators

Ingredient-Inspired Cuisine: A Recipe Generation

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Problem Statement

Many individuals struggle with finding inspiration in cooking.
 - Finding suitable recipes can be challenging.
- Limited knowledge about ingredients and their combinations can hinder creativity in the kitchen.

Challenge

A challenge of deciding what to cook with limited ingredients and we need to find a solution that provides personalized recipe recommendations based on available ingredients.

Objectives

- **Inspire Culinary Creativity:** We empower users to explore culinary delights through personalized recipe generation.

- **Tailored Recipe Solutions:** Delivering personalized recipes based on user-provided ingredients, we aim to enhance culinary experiences and inspire culinary exploration.

- **Build a Food Community:** Our platform fosters a vibrant community where users share experiences and connect over gastronomic adventures.
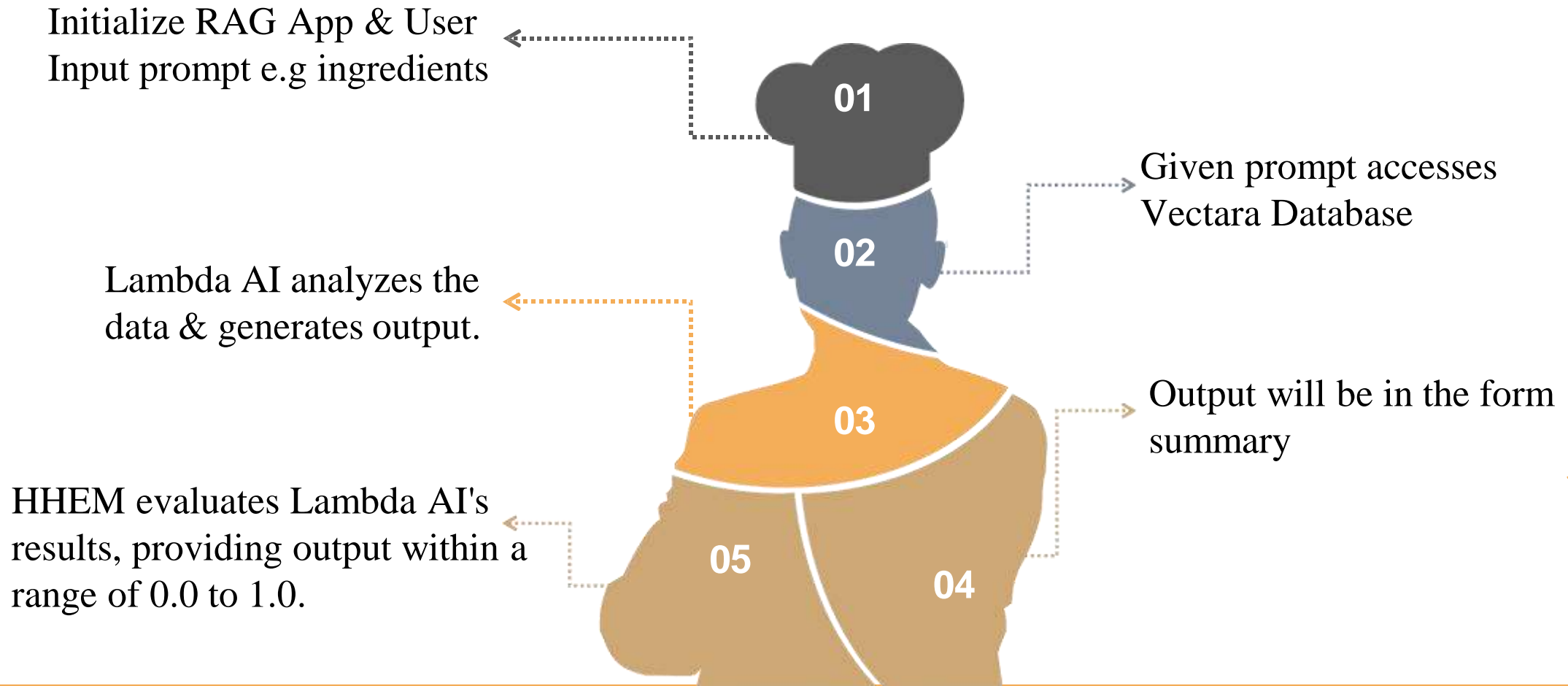
Solution

1 | **Vectara Database**: A proprietary database system designed

2 | **HHEM Model:** To measure the originality of LLM-tools

3 | **Lambda Model**: To analyse data utilising regression analysis

How It Works?

RAG Application utilising advanced HHEM model in combination with Lambda AI

Initialize RAG App & User Input prompt e.g ingredients

01

Given prompt accesses Vectara Database

02

Lambda AI analyzes the data & generates output.

03

Output will be in the form summary

HHEM evaluates Lambda AI's results, providing output within a range of 0.0 to 1.0.

05

04

Unique Selling Points

Innovative hallucination detection feature and use of cutting-edge LLM technology for recipe generation

Integration of Lambda AI with HHEM model to measure originality

Comprehensive Vectara database for diverse recipes

Targeted Audience

A Foodies United(enthusiasts sharing recipes, dining tips, etc.)

B Demographic information (age, gender, location, etc.)

C Psychographic information (interests, preferences, behavior)

D Cooking enthusiasts, home cooks, food bloggers, culinary students

Future Developments

Discuss potential future updates or features for Kitchen Creators.

Example

- Integration of social sharing capabilities
- enhanced user feedback system
- expansion of recipe database.

Kitchen Creators

MY TEAM

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Special Services

Thank you