FindRecipe

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Our team

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Main idea

People struggle to plan weekly menus that fit their dietary preferences and constraints. We present an elegangt solution: a Telegram bot that generates a weekly menu based on user preferences and allows modifications.

Challenges Faced by Users

- Difficulty in meal planning due to dietary restrictions.
- Time constraints in preparing meals.
- Lack of variety in meals.
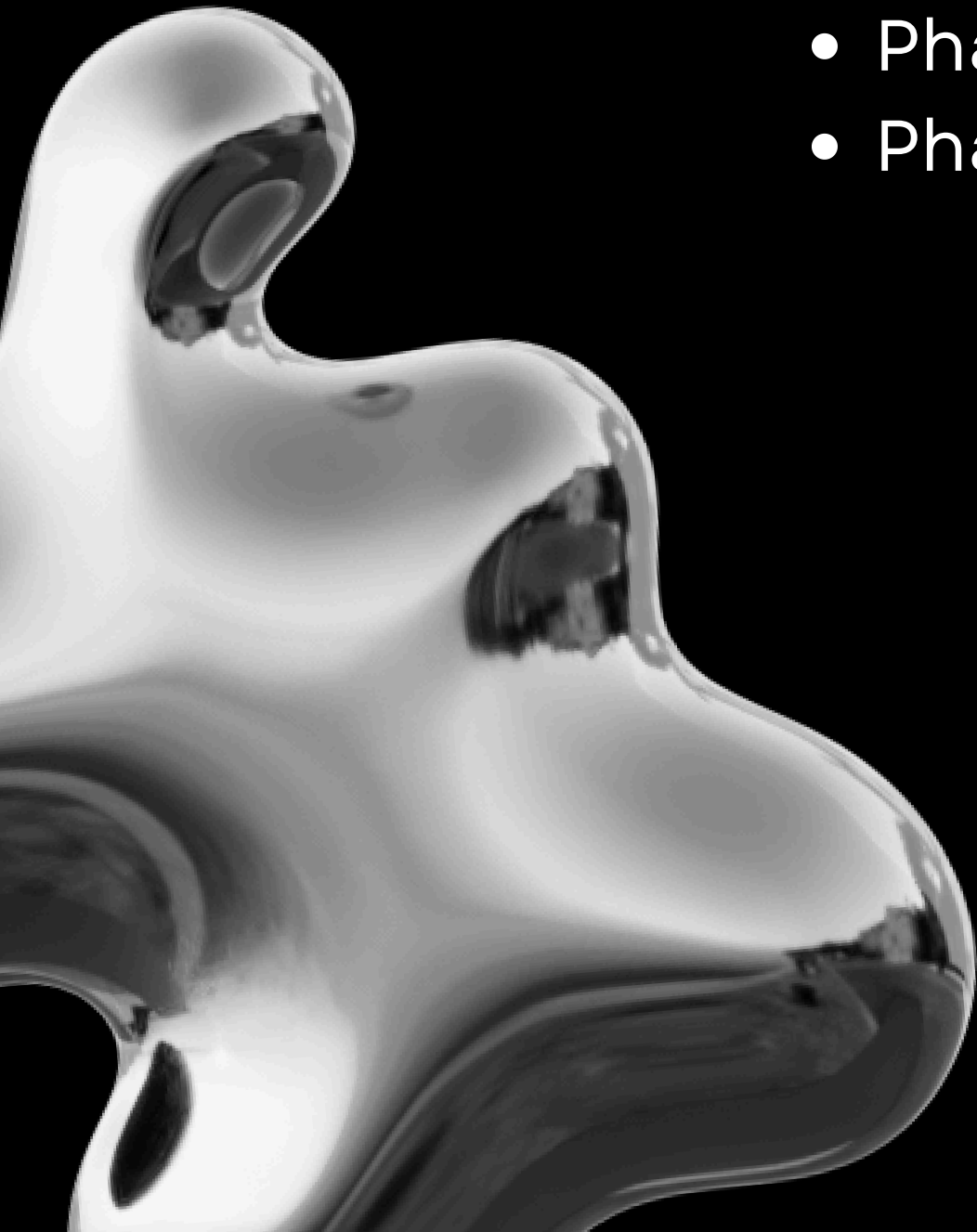- Need for personalized meal suggestions.

Primary Goals

- Create a user-friendly Telegram bot.
- Allow users to set preferences (calories, cooking time, complexity, spiciness, blacklist of products).
- Generate a customized weekly menu.
- Enable menu modifications.

Development Phases

- Phase 1: Requirements Gathering and Planning
- Phase 2: Bot Design and Architecture
- Phase 3: Implementation
- Phase 4: Testing and Refinement

Bot Architecture Overview

- Telegram API integration.
- Backend server and database.
- User preference management.

Key Features

- User Preferences
  - Set and modify dietary preferences.
  - Calorie intake, cooking time, complexity, spiciness, blacklist of products.
- Menu Generation
  - Generate weekly menus based on preferences.
  - Provide options to modify the menu or individual dishes.

Challenges and Solutions

- Challenges Faced
  - Integrating with various APIs.
  - Ensuring accurate menu generation.
  - Managing user preferences dynamically.
- Solutions Implemented
  - Robust API handling.
  - Algorithm improvements for menu suggestions.
  - Dynamic database updates for user preferences.

Live Demo of the bot

Gifs from the bot/live demo of the bot here

Try out our bot

Qr code to the bot here