INTRODUCTION

Foodify is a cutting-edge web and mobile application that helps you plan your weekly meals while minimizing food waste. By leveraging state-of-the-art technologies such as Machine Learning and Deep Learning, Foodify recommends over 100 dishes from different nations for you to enjoy. But that's not all - with Foodify's delivery option, you can have your weekly meals planned and delivered straight to your door, without having to worry about a thing!

Whether you're a busy professional looking to streamline your meal planning process, or simply want to try out new and exciting dishes from around the world, Foodify has you covered. With a user-friendly interface and powerful back-end algorithms, Foodify takes the guesswork out of meal planning and makes it easy and fun to discover new recipes and cuisines. Give Foodify a try today and experience the future of meal planning!

Features

Meal planning: With Foodify, you can easily plan your meals for the week ahead, taking into account your dietary preferences, ingredient availability, and more. You can create personalized meal plans that fit your schedule and nutritional goals.

Dish recommendations: Foodify leverages advanced machine learning and deep learning algorithms to recommend over 100 dishes from different nations, so you can discover new and exciting recipes to try out. The recommendations are tailored to your preferences and can help you explore diverse cuisines.

Delivery option: Want to take the hassle out of meal planning? With Foodify's delivery option, you can have your weekly meals planned and delivered straight to your door. Simply select the meals you want, and our delivery partners will handle the rest, ensuring you have everything you need for a hassle-free cooking experience.

Minimize food waste: Foodify helps you minimize food waste by recommending recipes that make use of ingredients you already have on hand. The app suggests ingredient substitutions when necessary and provides options for utilizing leftovers effectively, reducing waste and saving money.

User-friendly interface: Foodify offers a sleek and intuitive interface, making it easy and enjoyable to plan your meals and discover new dishes. The user-friendly design ensures a seamless experience, whether you're using the web or mobile application.

Personalized recommendations: Foodify's advanced algorithms take into account your past meal selections, preferences, and dietary restrictions to provide personalized dish recommendations. This ensures that you receive tailored suggestions that align with your unique tastes and dietary needs.

Grocery list generation: Generate a comprehensive grocery list based on the selected meal plan, making it easy to shop for the required ingredients. This feature saves you time and ensures you have everything you need for each recipe.

Integration with grocery delivery services: Seamlessly integrate Foodify with local grocery delivery services, allowing you to order the required ingredients directly from the app. This streamlines the meal planning process, eliminating the need for separate shopping trips.

Nutritional information and dietary tracking: Access detailed nutritional information for each recipe, empowering you to make informed decisions about your meals. Foodify also offers a feature for tracking your daily calorie intake or other dietary goals, helping you maintain a healthy and balanced diet.

Social sharing and reviews: Share your favorite recipes or meal plans with friends and family through social media platforms directly from the app. Additionally, you can rate and leave reviews for recipes you have

tried, helping others in the Foodify community make informed decisions.

Analytics and data insights: Foodify gathers data on user behavior, preferences, and usage patterns to provide valuable insights. This data-driven approach allows us to continually improve the app and enhance the user experience based on real-time feedback.

TECHNOLOGIES

HTML: For the website structure and layout.

CSS: For styling the website.

Bootstrap: For responsive design and additional styling.

Python: For Data Preprocessing and Machine Learning / Deep Learning.

Numpy: For Numerical computing.

Pandas: For Data Manipulation and Analysis.

Matplotlib: For Data Visualization.

Scikit-Learn: For Machine Learning algorithms.

Pytorch: For Deep Learning models.

Flask: for the web application framework.

PostgreSQL: For Database.

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