

(54) Title of the invention : FOOD RECOMMENDER SYSTEM BASED ON USER PREFERENCES

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(57) Abstract :
The present disclosure introduces a food recommender system which is a novel invention designed to revolutionize meal planning for households. It integrates user preferences, household size, seasonal ingredient availability, and advanced AI algorithms to generate personalized meal recommendations. The system comprises components such as a user preference input system 102 for gathering dietary preferences, an AI-enabled software application 104 for analyzing user data and generating meal plans, IoT connectivity 106 for seamless communication, a virtual assistant component 108 for intuitive interaction, an LCD 110 for displaying detailed meal recommendations, and a reliable power supply unit 112. Users benefit from convenient access to tailored meal suggestions that align with their dietary needs and preferences. Reference Fig 1

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