



NSBM Green University

Faculty of Computing

Management Information System

E – Business Application Development

Module Lecturer: Mr. Minura Jinadasa

PROPOSAL SUBMISSION

Team Member	Index Number
- D.N Hathurusingha	22701
- N.E.D Kularatne	22737
- S.K.H.I.M Herath	22688
- K.L.D Nayanamini	22708
- K.G.K.P Premalal	22760
- R. G. I. S. Senarathna	22742
- K.A.D.M.R.A Kumarasinghe	22747
- E.G.T.D Egodage	22717

PROBLEM STATEMENT

In today's fast-paced world, many people struggle to maintain a healthy diet due to their hectic schedules. With limited time for meal preparation, grocery shopping, and nutrition planning, they often resort to fast food and unhealthy eating habits. In other hand, many restaurants focus more on sales and profit rather than prioritizing human health, leading to a growing concern about nutritional awareness and well-being.

To address this issue, NutriPlanX introduces an AI-powered meal subscription platform that offers personalized, health-conscious meal plans tailored to individual needs. By combining nutrition expertise, technology, and convenience, NutriPlanX ensures that users can enjoy healthy, balanced meals without the hassle of planning and preparation.

PROJECT SOLUTION

NutriPlanX provides a smart meal subscription platform that eliminates the hassle of meal planning and nutrition tracking. Through AI-driven prediction, users receive health-focused meal plans and suggestions analysing their regularly meal patterns, preferences, dietary needs, and health goals.

Key Features:

- **Personalized Meal Planning** – Users complete a health & dietary questionnaire, allowing the AI system to recommend meal plans tailored to their needs.
- **AI-Powered Nutrition Analysis** – The system analyzes user preferences and regularly meal patterns, providing smart suggestions to improve their diet and overall well-being.
- **Flexible Subscription Plans** – Customers can select weekly or monthly meal plans, choosing between daily or bulk deliveries.
- **Fresh & Healthy Meal Preparation** – Meals are cooked fresh in a certified kitchen with nutrient-rich ingredients and packed in eco-friendly containers.
- **Smart Delivery System** – NutriPlanX partners with logistics providers to ensure timely meal deliveries based on the user's preferred schedule.
- **User Feedback & Continuous Optimization** – Customers can rate meals and provide feedback, allowing the AI to refine future recommendations for a better experience.

MAIN OBJECTIVE

As a restuarant, we strive to provide an AI-powered, personalized meal subscription platform through NutriPlanX that simplifies nutrition planning, promotes well-being, and ensures convenient access to fresh tailored to individual health goals and dietary needs.

USE CASE DIAGRAM