Nutrition and Dietary

Management System

Created by William Carey, C16315253

Email: [c16315253@gmail.com](mailto:c16315253@gmail.com)

# Description

NDMA is a mobile application designed to assist people in making informed decisions, about any suitable diet for each individual need. A suitable diet would incorporate all the nutritional values necessary for the individuals need. It will also highlight key macronutrients essential to the person’s overall nourishment plan. The application will cater to those whom have health conditions. Health conditions, like lactose intolerance, would prevent the user from consuming certain products like milk.

Many people in the first world countries are employing diets that do not meet the WHO recommendations, which will have long lasting effects on both their generation and future generations that stem from them.

A solution will be provided that manages the diet for them. The solution will take different development iterations. Through each iteration, the systems’ features that will be reviewed to ensure it aligns with the user desires. Once these iterations are completed, ongoing tests on both the front-end and back-end will be running. Such tests would incorporate both as automated and manual.

After each test, the combination of peer review, universal evaluation methods and comparison with similar technologies will be used. Peer review involves getting feedback from those whom have manually tested the system. The evaluation will be used as a critic to ensure NDMA is up to the minimum operation standards and other agreed protocols.