



Actor	Use Cases
Food Identification API Nutritional Information API User	Capture Food Image Confirm Meal Entry Edit Meal Entry Identify Food Log Meal Login Recapture Image Registration Retrieve Nutritional Information Set/Edit Personal Information View History View Meal Entry

Data Dictionary

Term	Definition
Food Identification API	An API that uses machine learning and computer vision algorithms to analyze images or descriptions of food items and identify their names.
Nutritional Information API	An API that can retrieve detailed nutritional information about food

	products, such as the calorie content and macro information.
User	An individual who downloads, installs and uses our mobile application, Nutri-Vision.
Capture Food Image	Uploading an image of a food item from the user's gallery; or taking a real-time image of a food item using the user's smartphone camera.
Confirm Meal Entry	The act of verifying and finalizing the entry of a meal into the daily meal log.
Edit Meal Entry	The act of modifying the details of a meal before it is logged into the meal log; or modification of a previously entered meal, to correct any mistakes or to update information about the foods consumed.
Identify Food	The process of recognizing or determining the name of a food item using the Food Identification API.
Log Meal	The act of recording or entering details about a meal, such as the foods consumed and portion sizes.
Login	The process of accessing the mobile application by providing credentials that uniquely identify the user - the email and password.
Recapture Image	Reuploading an image of a food item from the user's smartphone gallery; or retaking a real-time image of a food item using the user's smartphone camera because of blurry/invalid images before.
Registration	The process of signing up or creating an account on Nutri-Vision. The user has to provide an email and a desired password to create a unique account that allows them to access Nutri-Vision's features and services.

Retrieve Nutritional Information	The process of retrieving detailed nutritional information about food products, such as the calorie content and macro information, using the Nutritional Information API.
Set/Edit Personal Information	The act of entering/modifying the user's personal details on Nutri-Vision, such as their name, age, gender, contact information, health goals, dietary preferences, and nutritional goals.
View History	The act of accessing a reverse chronological record of past meal entries by the user.
View Meal Entry	The act of accessing each individual meal entry in the user's history.