

## Dietade

Author: Ziad Hassan

Date: April 3, 2023

Version: 1

USE CASE NAME:	View and Generate Meal Plans	USE CASE TYPE Business Requirements: <input checked="" type="checkbox"/>
USE CASE ID:	2	
PRIORITY:	HIGH	
PRIMARY BUSINESS ACTOR:	Patient	
OTHER PARTICIPATING ACTORS:	<ul style="list-style-type: none"><li>Dietade System</li><li>Doctor</li></ul>	
OTHER INTERESTED STAKEHOLDERS:	<ul style="list-style-type: none"><li>Medical Assistants</li></ul>	
SHORT DESCRIPTION:	All through the Dietade system, its database generates a meal-plan based on a diagnosis given by the patient. The patient is able to view a meal-plan based on chosen diagnosis and any dietary preferences/restrictions.	
PRE-CONDITION:	<ul style="list-style-type: none"><li>Patient is logged into the system.</li><li>Patient selects diagnosis and any dietary preferences/restrictions meal-plan generation.</li></ul>	
TRIGGER:	The patient enters the diagnosis and relevant information into the Dietade system for it to generate a relevant meal-plan.	
TYPICAL COURSE OF EVENTS:	Actor Action	System Response
	<b>Step 1:</b> The patient logs into the Dietade system and navigates to the meal-plan generation page to choose one of their diagnoses and any dietary preferences/restrictions.	<b>Step 2:</b> The Dietade system generates a meal-plan based on the entered diagnosis and any other relevant information, such as dietary restrictions or preferences.
	<b>Step 3:</b> The patient views the generated meal plan.	

	<b>Step 4:</b> The patient waits for doctor to approve/disapprove of meal-plan, and the meal-plan is tagged accordingly	
<b>ALTERNATE COURSES:</b>	In Step 1: if the patient enters incorrect or incomplete information, the system will prompt them to enter the correct information (when asked to confirm final changes by the patient).	
	In Step 3: if the patient does not like the generated meal-plan, the patient can request the system to generate a new meal plan.	
<b>CONCLUSION:</b>	The Dietade system generates customized meal-plans based on a patient's diagnosis, which can be easily accessed and followed by the patient and doctor through their Dietade accounts.	
<b>POST-CONDITION:</b>	The patients have a detailed meal-plan that meets their dietary requirements and helps manage their medical condition and improve their health.	
<b>BUSINESS RULES:</b>	The meal-plan generated by the system should be based on the patient's diagnosis, dietary preferences, and restrictions.	
<b>IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:</b>	<ul style="list-style-type: none"> <li>• The system should be able to store and retrieve patient information securely.</li> <li>• The system should also be able to store and generate a variety of meal plans based on different dietary requirements.</li> </ul>	
<b>ASSUMPTIONS:</b>	<ul style="list-style-type: none"> <li>• The patient has provided accurate information about their dietary preferences and restrictions to the respective doctor and Dietade system.</li> </ul>	
<b>OPEN ISSUES:</b>	1.      None	