Dietade

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Version: **<u>1</u>**

USE CASE NAME:	View and Generate Meal Plans	USE CASE TYPE
USE CASE ID:	2	**Business Requirements:** ☑
PRIORITY:	HIGH	

PRIMARY BUSINESS ACTOR:	Patient
OTHER PARTICIPATING ACTORS:	• Dietade System • Doctor
OTHER INTERESTED STAKEHOLDERS:	• Medical Assistants
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:	• Patient is logged into the system. • Patient selects diagnosis and any dietary preferences/restrictions meal-plan generation.
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
	Step 1: The patient logs into the Dietade system and navigates to the meal-plan generation page to enter the diagnosis and any dietary preferences/restrictions.	**Step 2**: The Dietade system generates a meal-plan based on the entered diagnosis and any other relevant information, such as dietary restrictions or preferences.
	Step 3: The patient views the generated meal plan.	
	Step 4: The patient sends the meal-plan to the respective doctor for modification/approval.	
ALTERNATE COURSES:	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 approve of the generated meal-plan, the patient can request the system to generate a new meal plan.
CONCLUSION:	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.
POST-CONDITION:	The patients have a detailed meal-plan that meets their dietary requirements and helps manage their medical condition and improve their health.
BUSINESS RULES:	The meal-plan generated by the system should be based on the patient's diagnosis, dietary preferences, and restrictions.
IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:	• The system should be able to store and retrieve patient information securely. • The system should also be able to store and generate a variety of meal plans based on different dietary requirements.
ASSUMPTIONS:	• The patient has provided accurate information about their dietary preferences and restrictions to the respective doctor and Dietade system.
OPEN ISSUES:	1. None