

Solution of SAD Challenge 1&2

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Challenge 01

Requirement Categories

Functional	Nonfunctional	External interface	Business requirement	Business rule
Track nutrition by meal	The app should be intuitive and easy to use with no training requirements	Take nutrition data for all food products from www.usda.gov	Achieve 80% adoption within one year	Protect user data as per HIPAA
Suggest nutrition requirements				
Collect usage data			First release in two months from start	Show USDA recommendation disclaimer
User must log in				

Requirement Stakeholders

Functional	Nonfunctional	External interface	Business requirement	Business rule
User group	EatFit representatives who can provide target users' demographic overview	Medical experts from EatFit, Inc.	Senior management from EatFit, Inc.	Legal advisors for EatFit, Inc.
EatFit representatives who can provide target users' expectations	UI experts within the team			

Challenge 02

Problem Statement

The problem of	not having tools to track nutrition coming from home-cooked food
affects	<ul style="list-style-type: none">• those who mostly eat home-cooked food• and doctors/medical professionals who offer medical advice to their patients
the impact of which is	that people are not able to track the nutrition coming from their daily consumption of food and know how they can make it healthy
a successful solution would be	an app that will allow those who want to track their daily nutrition

Vision Statement

For	individuals and medical professionals
Who	want for themselves or for their patients to have a healthy diet
The product NutriByte	is a mobile health app
That	<p>will help its users track their daily nutrition; will help compare it with recommendations made by</p> <ul style="list-style-type: none">• USDA or• their doctors <p>based on their gender, age, weight, height, and other health conditions</p>
Unlike	other products in the market such as X, Y
Our product NutriByte	will offer customized nutrition tracking based on users' health profile