Project's Timeline

Date/Time	Task	Hours	Note
19/1/2023	View and study the problem, check figma	2h	
29/1/2023	Setup Laravel project, database and back-end	8h	In some Apis, I have not return data for chart Weight/Fat Percentage yet
30/1/2023	Draw some basic UI/Screen to show some testing data	8h	

Summarize Database

Table: users

Column name	Value Type	Rules	Description
id	number	primary key	
name	text		
email	text	unique	
password	text		hashed

Table: dishes

Column name	Value Type	Rules	Description
id	number	primary key	
name	text		Name of the dish
image	text in db + file in storage	nullable	Image description for the dish
user_id	number	nullable, FK to users record	Some dishes can be created by an user
nutrients	text		Nutrients info in the dish

Table: meals

Column name	Value Type	Rules	Description
id	number	primary key	
type	number	Enum: 1->MORNING, 2->LUNCH, 3->DINNER, 4->SNACK	Type of the meal
image	text in db + file in storage	nullable	Image description for the meal
user_id	number	FK to users record	To know the meal belong to an user
datetime_at	datetime		What time is the meal?

Table: meal_dish

Column name	Value Type	Rules	Description
id	number	primary key	
meal_id	number	FK to meals record	To know which meal
dish_id	number	FK to dishes record	To know which dish

Table: body_records

Column name	Value Type	Rules	Description
id	number	primary key	
weight	float number		Weight of user
fat_percentage	float number		Fat percentage in body of user

localhost:8000/database-description 1/7

Column name	Value Type	Rules	Description
user_id	number	FK to users record	To know the record belong to an user
date_at	date		What date is the record?

Table: exercise_records

Column name	Value Type	Rules	Description
id	number	primary key	
name	text		Name of the exercise
description	text		Description of the exercise
kcal	float number		Description of the exercise
minutes	int number		The amount of minutes to finish the exercise
user_id	number	FK to users record	To know the exercise belong to an user
date_at	date		What date is the record?

Table: diary_records

Column name	Value Type	Rules	Description
id	number	primary key	
diary	text		Content of the diary
user_id	number	FK to users record	To know the diary belong to an user
datetime_at	datetime		What date is the record?

Table: tags

Column name	Value Type	Rules	Description
id	number	primary key	
name	text		Name of the tag

Table: recommendeds

Column name	Value Type	Rules	Description
id	number	primary key	
title	text		Title of the recommended
content	text		Content of the recommended
type	number		Type of the recommended (1=column 2=diet 3=beauty 4=health)
image	text in db + file in storage	nullable	Image description for the recommended
datetime_at	datetime		What date is the record?

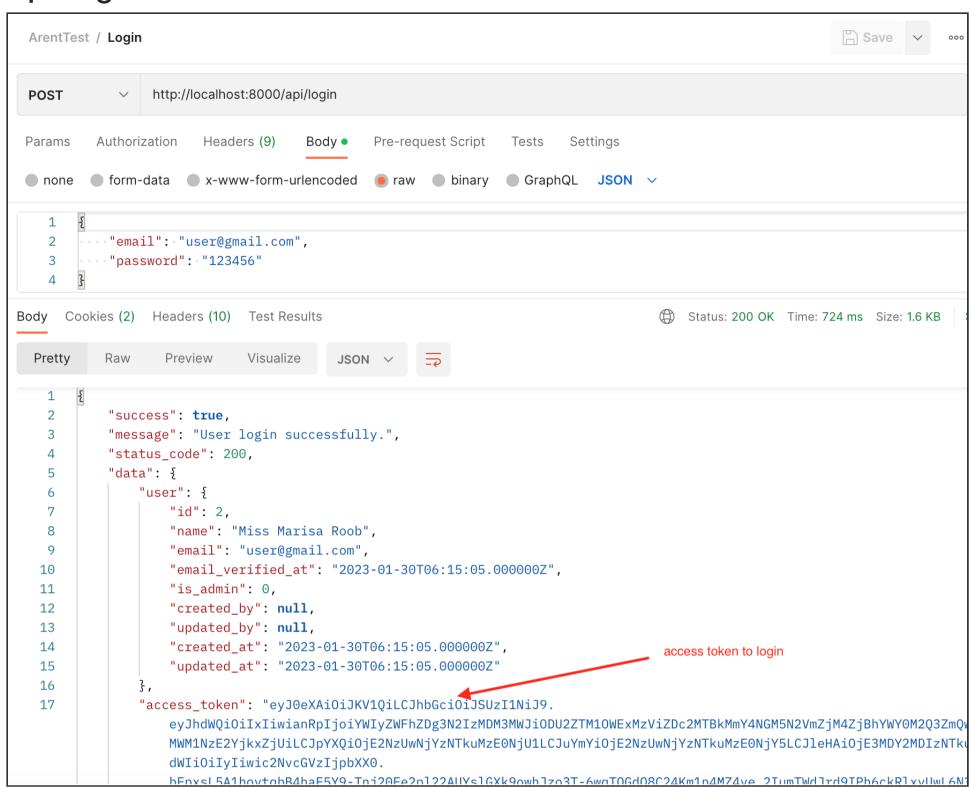
Table: recommended_tags

Column name	Value Type	Rules	Description
id	number	primary key	
recommended_id	number	FK to recommended record	
tag_id	number	FK to tag record	Content of the recommended

Summarize API

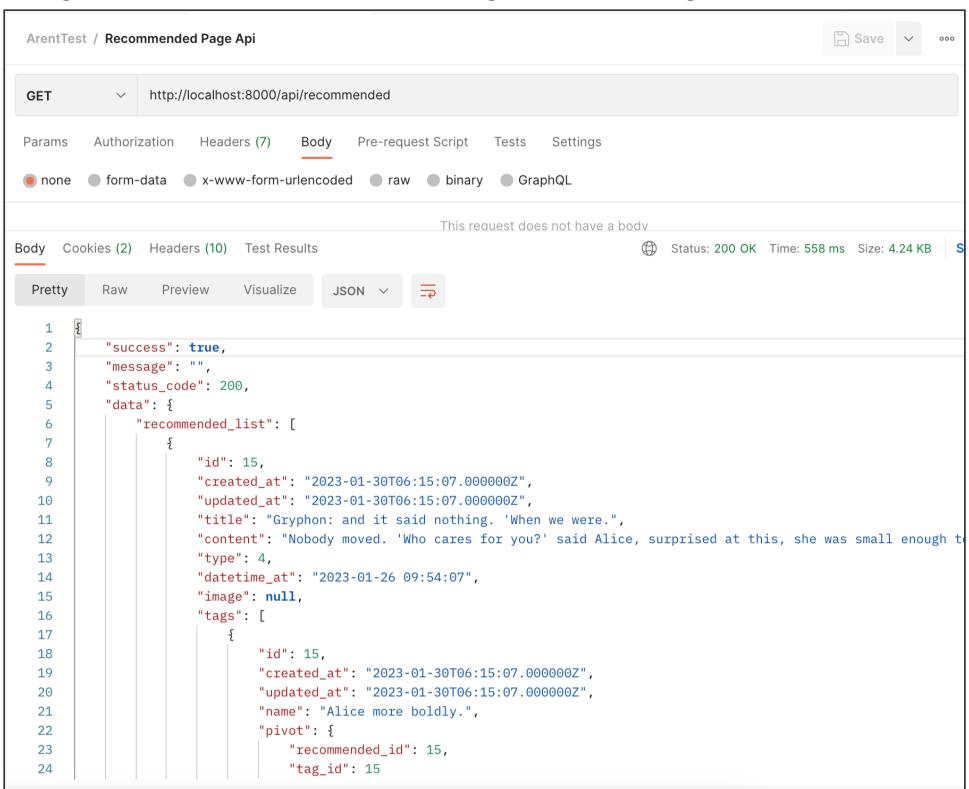
localhost:8000/database-description 2/7

Api Login



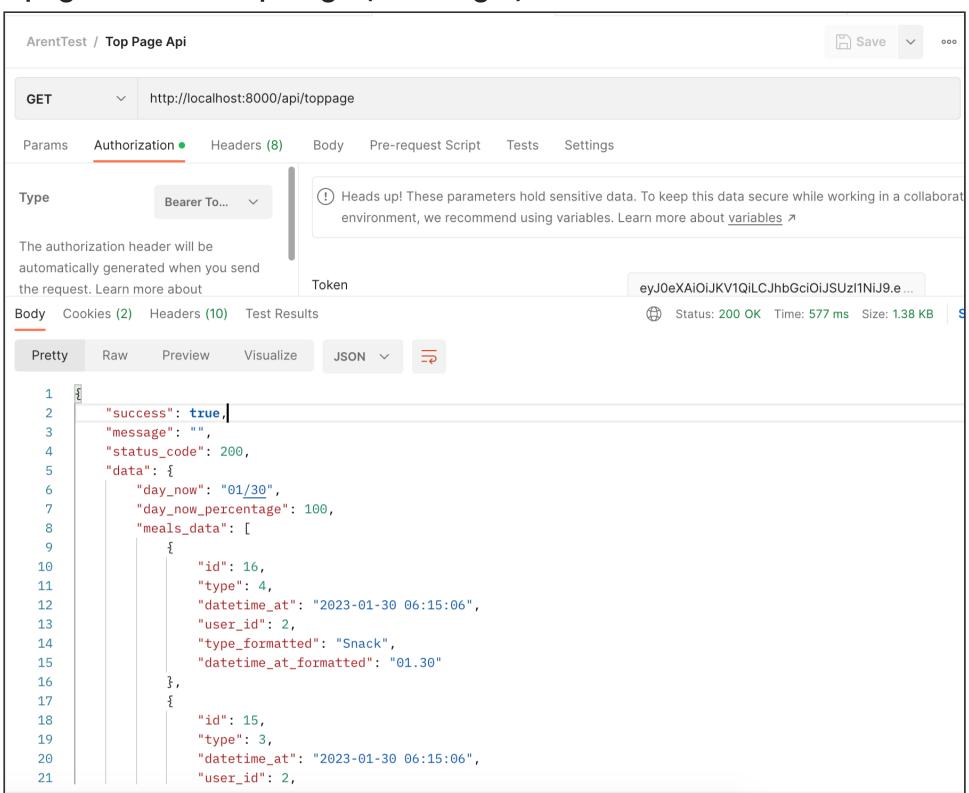
localhost:8000/database-description 3/7

Api get data for Recommended Page (Without login)



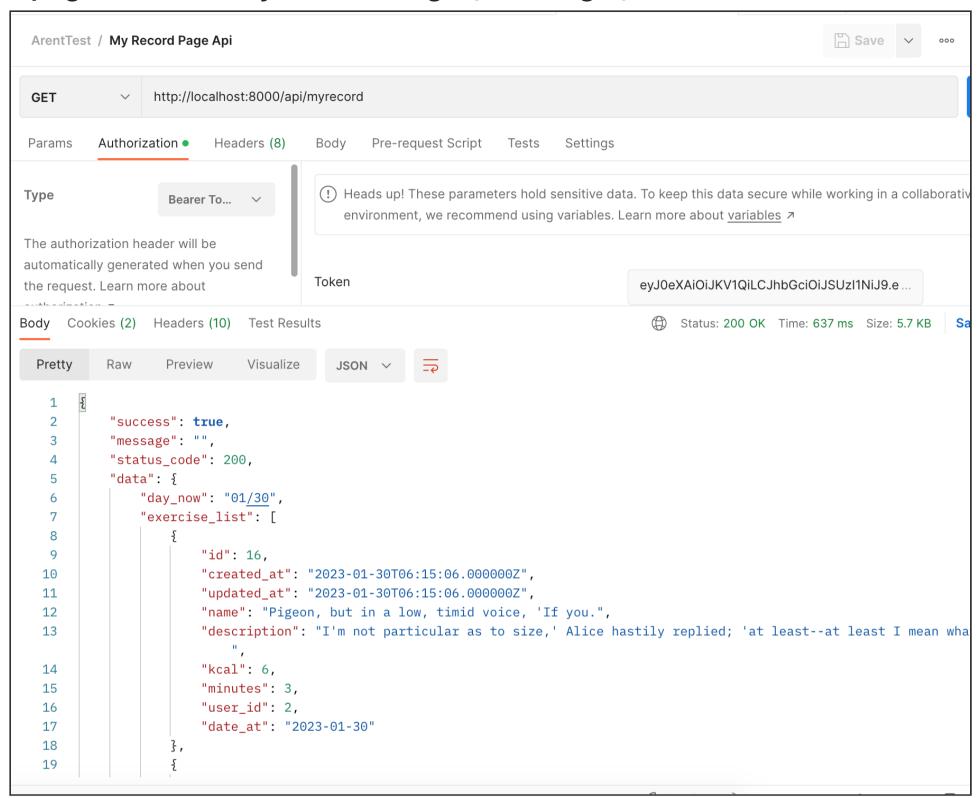
localhost:8000/database-description 4/7

Api get data for Top Page (With login)

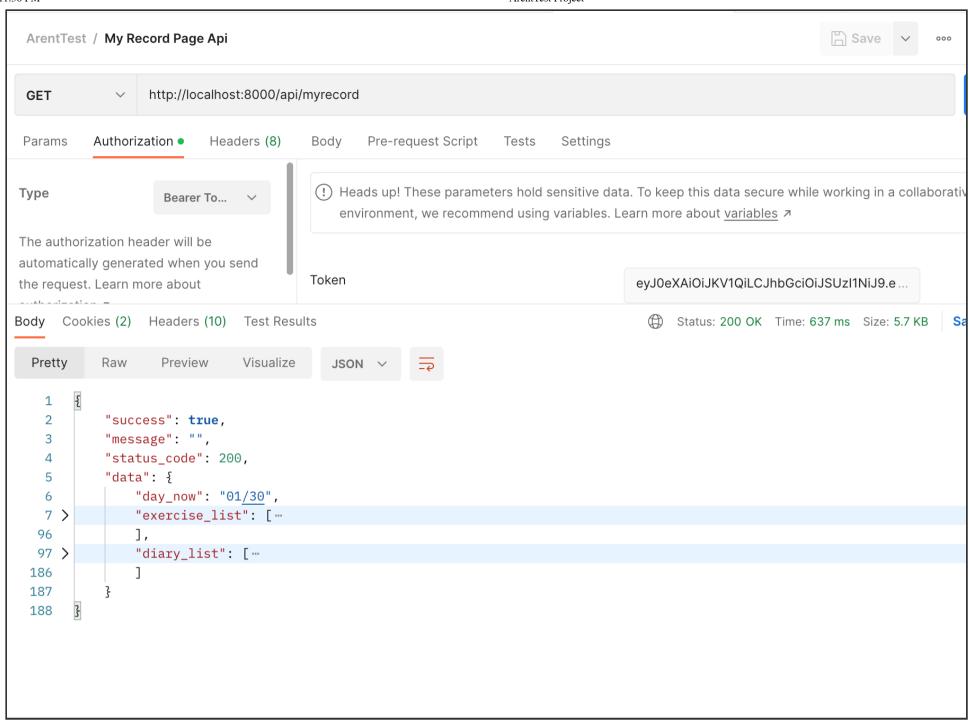


localhost:8000/database-description 5/7

Api get data for My Record Page (With login)



localhost:8000/database-description 6/7



Healthy

localhost:8000/database-description 7/7