

# ● MEAL MAGIC

Based on Spoonacular API



● Tribe E

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## **Brief Introduction**



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## Needs/Interview Overview

StakeHolder's Panel-

- GYM Trainer
- Dietician
- Foodie

## ● Needs/Interviews

- Having a word with the stakeholders few of the major points which came to light were
  - Need for a forum/application where a cumulative details of recipes and ingredients can be displayed.
  - There are instances where a person speaks about their favourite dishes and/or,one has no idea about the taste the person has.
  - FitnessFreaks hover on the online platforms to search for their diet which is wrong like diet should be to their personal interests.
  - Having out all the ingredients at the home for a particular dine is not possible always.

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## Approach

## ● Approach

○ Since we have got our requirements we have our approach towards the same in shape. So here it goes.

- A web page including the normal user login and logout system, a search bar for the user's to search for the recipes.
- Cumulation of recipes based on different ingredients.
- Suggestion for random recipes to the users based on the user's favourite recipes.
- Making up of a text reader which predicts out the taste of the person from the text entered.



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## **Project Scope**

## ● Project Scope

- FitnessFreaks who are concerned about the daily intake of proteins, carbs can make down a meal plan and make it suitable according to their needs.
- People who are much more into food and are looking out for new variant of cuisines daily, can be benefited from this.
- Daily random recipes based on user's search.
- User can give out his details and he/she can get the recipes according to the details given.

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## Functionality

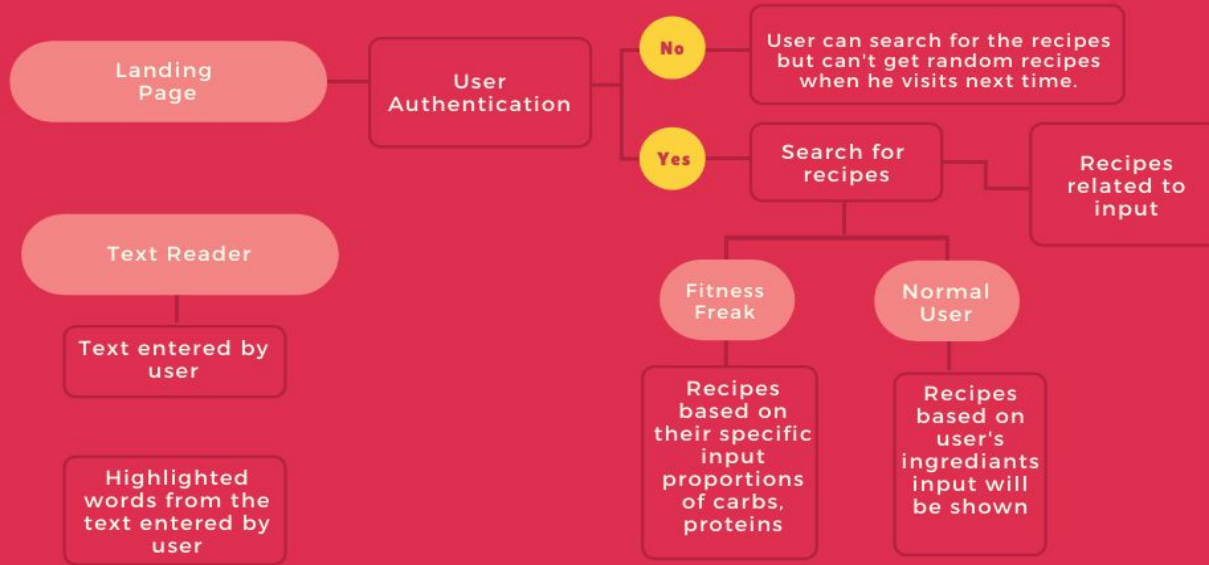
## ● Functionality

- Landing into the web page the user will be able to search for the recipe which he/she wishes to search for. After typing in the dish name one needs to select/enter the Search Recipe Button.
  - This will show the list of recipes relevant to the name entered by the user.
  - Adding to this if the user wishes to download it over their devices so we have an option of
    - Downloading in PDF/PNG format
    - Sharing over platforms including Whatsapp or Twitter
  - Additionally if the user wishes to get some daily random recipes to be there every time he/she visits the webpage then the user must have an account registered.
- Secondly, a form type interface will be there.
  - For the users who are into fitness, they can enter down the amount of protein/carbs which he/she wishes to intake, entering the same it will display out the recipes relevant to the same.
  - The user needs to type in the ingredients available with him/her at present. Following which the user will be shown the list of dishes/recipes which can be prepared from the ingredients entered.
- Lastly, a textbox input will be shown wherein the user need to enter a text describing out his/her favourite dishes or so. Result will be the text with the highlighted words. The highlighted words will be from the dishes and/or the ingredients from the text entered.



# MEAL MAGIC

## Working Flowchart



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## Development

## ● Development

- Starting with we will create a web application/web page which will be built over HTML, CSS with ReactJS Framework.
- Using spoonacular API and creating the API Key.
- User makes a account(optional), mandatory if he/she want's recommendations for the recipes.
- Storing the searches into a database according to the user's account to analyze the searches to give recommendations for daily recipes.
- Input form for taking in the inputs and fetching out the relevant details from the API.
- Configuring the api and the development according to the input data.
- Deployment



## Technology



## ● Technology

- Basic Languages - HTML, CSS, JS
- FrameWork - ReactJS
- Backend - NodeJS
- Databases - MongoDB
- API - [spoonacular API](#)

## ● Project Deadline:

	WEEK 01 26/06/2021	WEEK 02 03/07/2021	WEEK 03 10/07/2021	WEEK 04 17/07/2021	WEEK 05 24/07/2021	WEEK 06 31/07/2021
<b>BRD</b>	DONE					
<b>Solution Document, Environment Setup</b>						
<b>Development, Milestone-1</b>						
<b>Development, Milestone-2</b>						
<b>Develop, Demo the increment, Test, Milestone - 3</b>						
<b>Develop, Final Demo, Test Results, User Acceptance Document</b>						



**Thanks!**

**ANY QUESTIONS?**