

MDG RECRUITMENT

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FOODIE

Why do I want to join MDG ?

From what I have got to know , MDG is a “bunch of enthusiastic students who aim to explore , ideate and develop products in the campus and beyond” . Myself being a tech-enthusiast, I felt that this is a place where my actual potential can be recognized. If I am given a chance to become a part of this legacy, I ensure you that I would keep up to its value

Question I chose :

To create a web-app for guessing food dishes.

Tech-Stack Used :

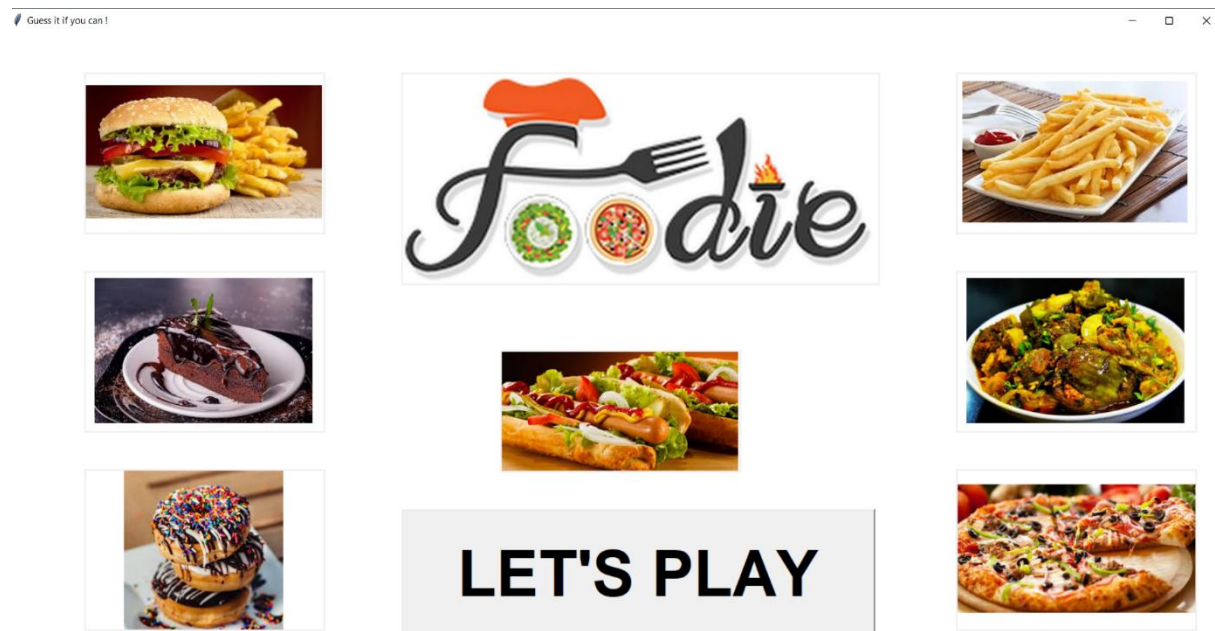
Majorly python with modules like Tkinter, requests and PIL

IDE :

PyCharm

Features :

It starts with a page that has images of many delicious food-dishes and also a button that is to be used to start the game . Click on this button to move to the next page .



Now , you would see a new page that has an image of a food dish that is taken from the API <https://foodish-api.herokuapp.com/api/> . At the top of the page , you have a remarks' label that changes with your activity . On the right side of the page , you have all the functionalities of the app. Firstly, you have the incomplete name of the dish in the image with only the vowels visible. Then, you have an entry-box to type the letter you guess. Then, you have 3 buttons : check, I do not know and next image .

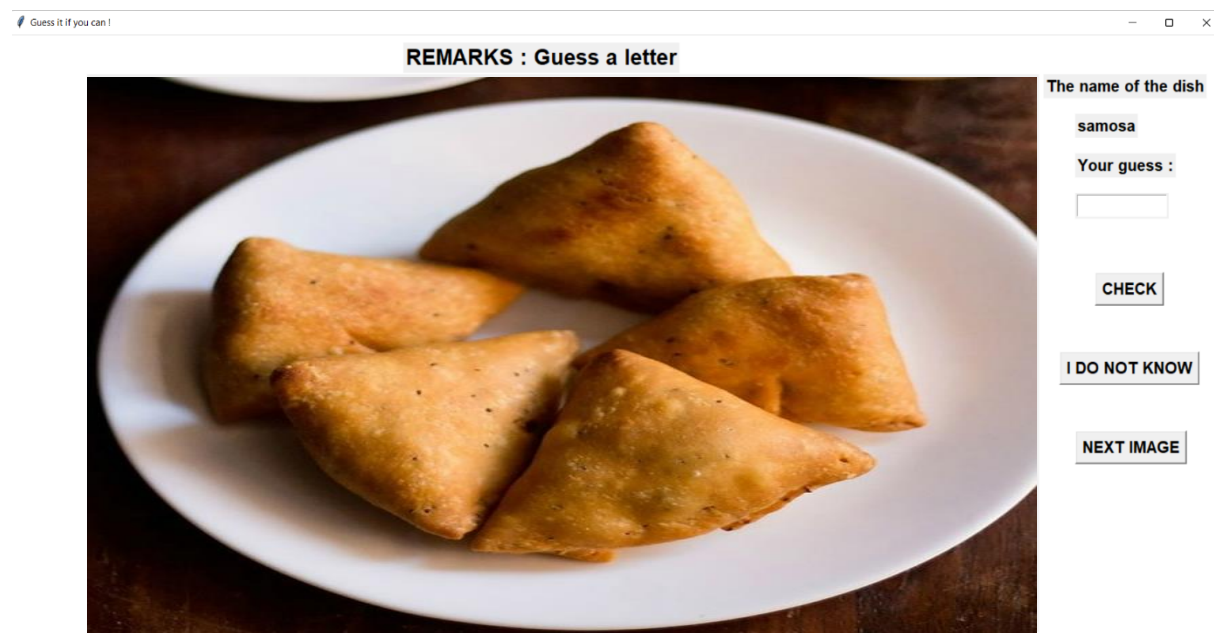
The functionality of these buttons is explained in other images .



Suppose , I type 's' in the entry box . To check if that letter is present in the name of the food-dish, you have to press the check button.



If you do not know the name of the dish, you can press “I DO NOT KNOW” button and this will display the answer .



If you want to move to the next image available , you can press “NEXT IMAGE” button provided on the right-most panel of buttons .

This would take you to the next image provided by the API with all the same buttons still present but initialized to their initial state . Here, I have shown the next image provided by the API : it is the image of a dessert .

REMARKS : Guess a letter



The name of the dish

_ e _ _ e _ _

Your guess :

CHECK

I DO NOT KNOW

NEXT IMAGE

If you do not guess the answer in 5 tries, the game will automatically end and you will get the remark as shown in the below image .

REMARKS : Oh ! You could not guess it correctly !



The name of the dish

i _ _ _

Your guess :

CHECK

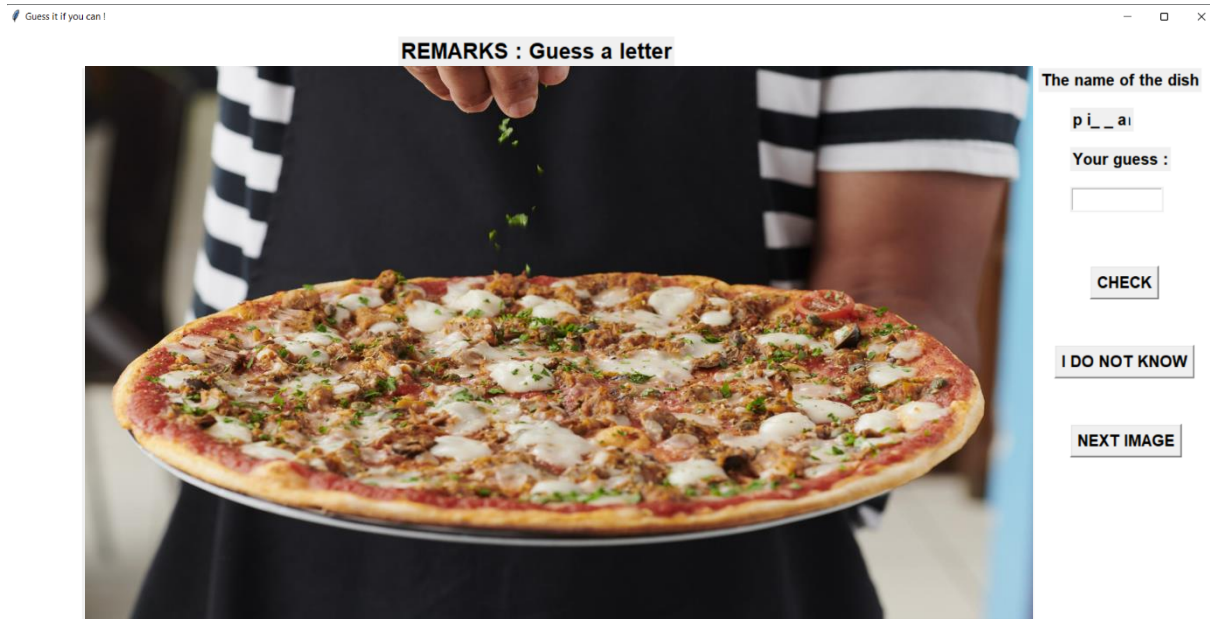
I DO NOT KNOW

NEXT IMAGE

If you enter a letter that is present in the food-dish name and press check, the dash will be replaced by that letter as "i" replaces the dash in the following image .

If you enter a letter you had already entered earlier , you will be instructed about that in the remarks' section of the page .

If the letter you entered is not present in the dish name, you will be instructed about the same and also lose a life (you have 5 lives)



This is the basic functioning of my app .

Improvements that can be done :

I made the entire app using python and other relevant libraries. I could have used more front-end development tools to make a better UI but as a beginner, I am on a journey of learning new things everyday and would try my best to improve my skill-set .