

# Word Search

V.Akshitha: 20WH5A0208: EEE

D.V.V.S.Naga Lakshmi: 20WH5A1206: IT

K.Prathima: 20WH5A0509:CSE

K.Supraja: 20WH5A0209 :EEE

Neha: 20WH5A0406: ECE

21 MAY 2021

# Introduction

- A word search puzzle(also known as word find,word seek,or mystery word puzzle) is a word game that consists of letters of words placed in grid,which usually has a rectangular or square shape.

# Problem statement

- TO create a word search puzzle and to find the hidden words inside the grid



## Word Search - Coronavirus

Can you find all of the words hidden in the puzzle below?

F	M	I	R	E	T	A	W	N	S	I	O	J	N	M
H	O	M	N	O	I	T	N	E	V	E	R	P	O	A
F	O	M	N	P	R	A	H	S	E	S	K	Z	I	S
P	Z	U	Z	O	E	E	P	S	M	N	C	L	T	K
P	X	N	U	L	I	R	V	O	O	O	Y	W	A	O
C	H	E	C	F	E	T	T	E	R	A	A	W	L	F
D	G	S	K	A	Q	P	C	O	F	S	P	E	O	R
R	U	Y	D	H	M	D	N	E	H	E	A	U	S	Y
U	O	S	I	Y	T	A	T	H	F	P	P	C	I	O
B	C	T	S	T	V	E	A	U	Y	N	K	D	N	T
I	C	E	O	I	C	O	V	I	D	G	I	G	N	I
O	C	M	R	H	E	A	L	T	H	Y	I	X	Y	S
N	U	U	I	M	M	E	Q	N	X	Z	K	E	U	S
M	S	Z	F	G	B	A	I	J	D	H	Y	M	N	U
L	B	E	P	X	I	S	F	O	A	Q	T	L	H	E

INFECTION

COUGH

TISSUE

WATER

ISOLATION

PREVENTION

HYGIENE

SYMPTOMS

SOAP

HEALTHY

SPREAD

WASH

COVID

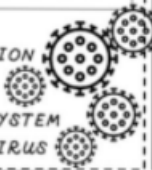
MASK

IMMUNESYSTEM

CLEAN

FEVER

CORONAVIRUS



# Approach

- To create a grid with certain length and width
- To hide the words in the grid inside based on the level of difficulty.
- All the hidden words should be found in a list alongside the grid.
- Each word from the list will become muted after the word has been guessed in the puzzle.

# Learnings

- Pygame:for gaming app
- Latex

# Challenges

- To match each letter with the word that is displayed beside
- To make the grid perfectly fit with the words without any disorder.

# Tech Stack

- language-python
- Version Control - Git
- Programming language with version  
-python 3.8.5



# Statistics

- Number of lines of Code : 34
- Number of functions : 3

P	R	O	G	R	A	M	N	O	T	L	T
A	L	G	O	R	I	T	H	M	T	H	K
P	Y	T	H	O	N	H	E	D	G	T	T
M	O	F	T	T	S	V	J	G	R	S	U
C	O	D	I	N	G	S	U	Y	Z	E	J
W	T	K	B	G	X	J	Z	P	W	U	W
W	O	X	N	E	J	J	W	N	G	M	N
X	W	F	F	E	W	S	B	I	B	J	I
P	X	V	P	B	Y	R	C	J	U	R	G
M	R	Z	V	U	I	N	T	O	W	F	U
G	X	Y	P	W	L	G	Z	V	C	K	T
W	P	Z	K	H	B	V	R	B	Y	X	Q

THANK YOU