DURGAPUR INSTITUTE OF POLYTECHNIC

PROJECT SYNOPSIS ON

ADVANCE NOTEPAD

GROUP: D

SURAJ YADAV (DDITCSTS5 – 10007203)

MOLLA SAKIL HOSSEN (DDITCSTS5 – 10007211),
JYOTI NAGLE (DDITCSTS5 – 10007198),
MANISH KUMAR (DDITCSTS5 – 10007197),
RAJAT BHAR (DDITCSTS5 – 10007201),

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INTRODUCTION

In Technical field each and every moment research work is going on various topics, sometimes concepts are gathered together to implement them different programming languages and technique are also applied. Final year project gave us such a challenge to find something new.

TOPIC OF THE PROJECT

The name of our Project is **"Advance Notepad"** using Python language. We are trying to implement new and advance features on our 'smart notepad' using python language.

OBJECTIVE AND SCOPE

Main objective of this project is to modify the desktop default notepad application, make it more advance and smarter.

User can write or edit any type of format in this desktop-based application.

User can save their code in any directory in our memory. No databased required for this Project.

PROCESS DESCRIPTION AND USES

1)It is a desktop-based application working in various platforms.

2)we can write or edit any kind of format such as "*.txt, *.py,*.html or *.*".

3)We can save our code in any directory by using our menu option, it totally based on GUI (graphics user interface).

4)We also accelerate the shortcuts key for work quickly in this application.

5)The User Can also align their text in any position like center, left or right.

6)The user can bold, italic and make underline on the enter text.

7)the user can also type in our application by using their voice.

8)We can change our foreground color and also can change the background color. For that our user customized our application for their best position.

9)The user can also hide3 the toolbar as well as status bar for more space if they need.

10)The user can change the font-families followed by 56 fonts by selecting any of them from the Combo box.

11) as well as the user can increase or decrees the font by selecting any size of their choice. We will provide 8-80 font size.

12) The user can also generate any qr code followed by the entered text.

Requirement's

1)A windows operating system.

2)The latest Version of Python interpreter (3.8.2)

3) VS CODE or Any python IDE.

Resources

1)YouTube

2)Stackoverfollow

3) google

4)Python official website(python.org)

Limitations

We Have Some Limitation Describe bellow.

1) We can Note Provide word suggestion on it.

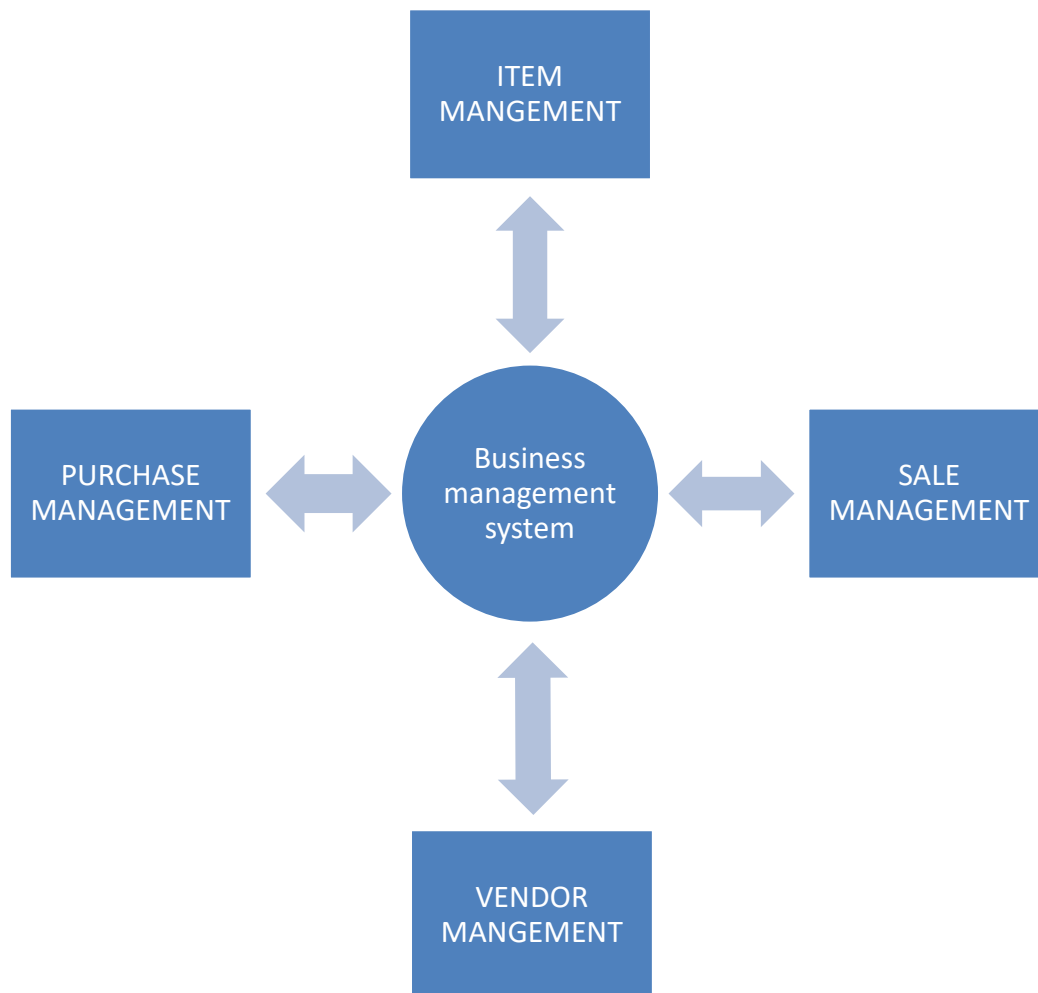2) This application is not available for And

Future Scope

1) We can Lunch this app as a Code Editor like(VS code, sublime)

CONCLUSION

At the end of the Topic we can learn various type of function and many new functionalities on python. So, we try our best to submit a great project. The voice input function can give us such a grateful overview. The qr code generator help a lot to the user.

DFD(0 LEVEL)

REQUIREMENTS

SOFTWARE REQUIREMENTS

- **Operating system: Windows**

- **Application software: python, xampp server**

- **Language: Python, sql query**

- **TWILIO API**

FUTURE SCOPE OF THE PROJECT

Our project will be able to implement in future after making some changes and modification as we make our project as a very low level.

- **Add the "Final report" , "Online billing function", "printing function of every possible report" etc.**

RESOURCES AND LIMITATION

- **YouTube, www.stackoverflow.com**

- **From this system we can not make the final report like balance sheet, trading account, gst report. But in future it will be available.**

CONCLUSION

- **A important & useful feature of this project is employee attendance and salary maintenance in one system with inventory and account management.**
- **Another useful feature is the whatsapp notification of sale bill to customer.**