



CHRIST ACADEMY

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BENGALURU - 83

JUNIOR COLLEGE

PROJECT IN COMPUTER SCIENCE(083)

Academic Year 2021-22



GrowPol

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CERTIFICATE

This is to certify that this project report entitled GrowPal is a bonafide record of the project work done by Mr. B S Anurag Rao of class 12 Reg.No 20203004 in the academic year 2021 - 2022. The project has been submitted in partial fulfilment of AISSCE for practicals held at Christ Academy , Bangalore.

Date:

Teacher in Charge

*Internal Examiner
Examiner*

External

PRINCIPAL

ACKNOWLEDGEMENT

I solemnly take the opportunity to thank all the helping hands who helped me make this project a reality. First of all I thank the Almighty for keeping healthy in order to successfully complete my work.

I wish to express my sincere gratitude to Dr. Fr. Joice, Principal of Christ Academy, for permitting me to carry out this project and for the facilities provided for the fulfilment of it.

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CONTENTS

1. Abstract
2. System Requirements
3. Source Code
4. Sample Output
5. Conclusion
6. Bibliography

ABSTRACT

Python is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python's design philosophy emphasises code readability with its notable use of significant whitespace. Its language constructs and object-oriented approach aim to help programmers write clear, logical code for small and large scale objects.

GrowPol is a software written in Python that aids small businesses in apartment societies to grow their customer base. We have developed an elegant Graphical User Interface (GUI) to make it simple and intuitive to use. It's function is to act as a common platform for both buyers and sellers to connect and exchange goods inside a society.

SYSTEM REQUIREMENTS

Minimum:

RAM: 1GB

Operating System: Linux, Windows 7 or later, MacOS X Sierra or later

Space: 120MB or higher

Processor: Dual core 2.80 GHz or higher

Screen Resolution: 1920x1080

Graphics Card: 64MB or higher

Python Version: Python 3 or higher

Recommended:

RAM: 4GB

Operating System: Linux, Windows 7 or later, MacOS X Sierra or later

Space: 240MB or higher

Processor: Dual core 2.80 GHz or higher

Screen Resolution: 1920x1080

Graphics Card: 64MB or higher

Python Version: Python 3 or higher

**SOURCE
CODE**

SOURCE CODE WILL BE INSERTED

SAMPLE OUTPUT

SAMPLE OUTPUT WILL BE INSERTED

CONCLUSION

This program is a prototype for The GrowPol project. I plan to implement this project on a larger scale. An android app for the same is in development. After speaking to a few people from my society, I realised that all of them expressed the need for a common platform for small scale businesses to run intra and inter societies. As of now, we only have a WhatsApp group where people post ads and the rest of the sale process is unofficial. This process might seem simple but becomes difficult when the volume of customers grows and things become impractical to maintain. Moreover, most people usually mute this group to avoid unnecessary notifications.

For more information on the project, please visit <https://github.com/anuragrao04/GrowPal>

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