

# SAVITRIBAI PHULE PUNE UNIVERSITY

A REPORT ON

Database Management System

”**Interface Master”**

SUBMITTED TOWARDS THE PARTIAL FULFILLMENT OF THE REQUIREMENTS OF DEGREE OF

## BACHELOR OF ENGINEERING

IN

## INFORMATION TECHNOLOGY

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### STES’s

NBN SINHGAD TECHNICAL INSTITUTES CAMPUS AMBEGAON (BK), PUNE-41 **2022-23**



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**NBN SINHGAD TECHNICAL INSTITUTES CAMPUS**

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## CERTIFICATE

This is to certify that the Project Stage-I entitle ”**Interface Master”** Submitted by **Mr.Akash.B.Sabale,**  
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towards the partial fulfilment of the degree of **Bachelor of Engineering** in **Information Technology** as awarded by **Savitribai Phule Pune University**, **Pune** at **NBN Sinhgad School of Engineering**, Ambegaon (BK), Pune-41.

## GUIDE HOD PRINCIPLE

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## ABSTRACT

The Interface\_Master Project demonstrates a graphical user interface (GUI) application using the Tkinter library in Python. The application allows users to select different management systems by entering their credentials. Based on the entered username and password, the application provides access to specific management systems such as Vehicle, Student, and Hospital management.

Upon launching the application, a login window is displayed with a background image. The user can select the desired management system by choosing an option from a drop-down menu and entering the corresponding password. If the entered credentials are correct, a welcome message is shown, and the associated management system is launched.

The code employs various GUI components, including labels, buttons, and entry fields, to create an interactive interface. The Tkinter library is utilized for GUI implementation, while the PIL library is used to handle image-related operations.

Furthermore, the code integrates the functionality to play a sound file at the beginning of the program using the pygame library. This adds an audio element to enhance the user experience.

Overall, the code provides a foundation for a flexible and interactive GUI application with multiple management system options. It showcases the use of Tkinter and other libraries to create a visually appealing interface for users to access different management functionalities based on their credentials.

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