**Abstract**

This project involves the development of an interactive health diagnosis system using Python, aimed at providing users with a preliminary understanding of potential health conditions based on their symptoms. The system utilizes a graphical user interface (GUI) built with the `tkinter` library to offer a user-friendly experience, allowing individuals to input multiple symptoms at once and receive instant feedback in the form of possible diagnoses, treatments, and underlying causes.

The program is designed to be both educational and informative, helping users recognize common health issues by referencing a comprehensive CSV file containing a broad range of symptoms and associated medical data. The CSV file serves as the knowledge base for the application, enabling it to cross-reference user input with stored health information, including diagnoses, recommended treatments, and probable causes for each symptom.

Key features of the system include an easy-to-navigate GUI, real-time processing of multiple symptoms, and interactive prompts that guide users through the diagnosis process. The GUI is enhanced with a colorful and intuitive design to ensure accessibility and engagement, making it suitable for users with varying levels of computer literacy.

The expanded dataset in the CSV file covers a wide array of common symptoms, offering a more accurate and comprehensive preliminary diagnosis. While the system is not intended to replace professional medical advice, it serves as a useful tool for initial self-assessment, helping users make informed decisions about when to seek medical attention.

Overall, this project demonstrates how simple AI techniques and structured health data can be combined to create a practical, interactive application that empowers users to better understand their health conditions.