Operational Procedure: Patient Data Editor

Introduction

The Patient Data Editor is a Tkinter-based desktop application for managing patient records. This operational guide outlines the steps to run the code and provides insights into the functionality of each component.

Prerequisites

Ensure that Python is installed on your system. No additional dependencies are required.

Functionality of Each Component

Input Fields:

Name: Enter the patient's name.

Age: Input the patient's age in numerical format.

Gender: Specify the patient's gender.

Phone: Enter the patient's phone number (10 digits).

Aadhar: Input the patient's Aadhar number (12 digits).

Buttons:

Add Patient:

Click this button after entering patient information to add a new record.

Validates input and ensures unique Aadhar numbers.

Edit Patient:

Double-click on a patient record or select a record and click this button to enable editing.

Activates the "Update" button for saving changes.

Update:

Click this button after editing a patient record to save the changes.

Validates input and ensures data integrity.

Listbox:

Displays entered patient data. Double-clicking on a record or selecting a record and clicking "Edit" enables editing. Updates dynamically when adding or editing records.