Patient Record Management System

Presented by Fajeculay Erich Owen C.

Python Concepts

01. GUI Development: Built a complete desktop application using the tkinter library.

02. Data Handling: Mastery of Python fundamentals (functions, loops, conditionals) to manage data flow.

03. External Integration: Successful integration of key modules:
- json: For persistent, file-based data storage.
- datetime / tkcalendar: For precise date tracking and a user-friendly date picker widget.
- Pillow: For advanced image handling (e.g., logo display).

Sustainable Development Goal

Strengthens Risk Management: Immediate digital access to critical data (e.g., Allergies, Blood Type) enables rapid and informed decision-making during emergencies.

Ensures Data Quality: Provides a reliable, searchable, and auditable system that eliminates the errors and chaos of manual record-keeping.
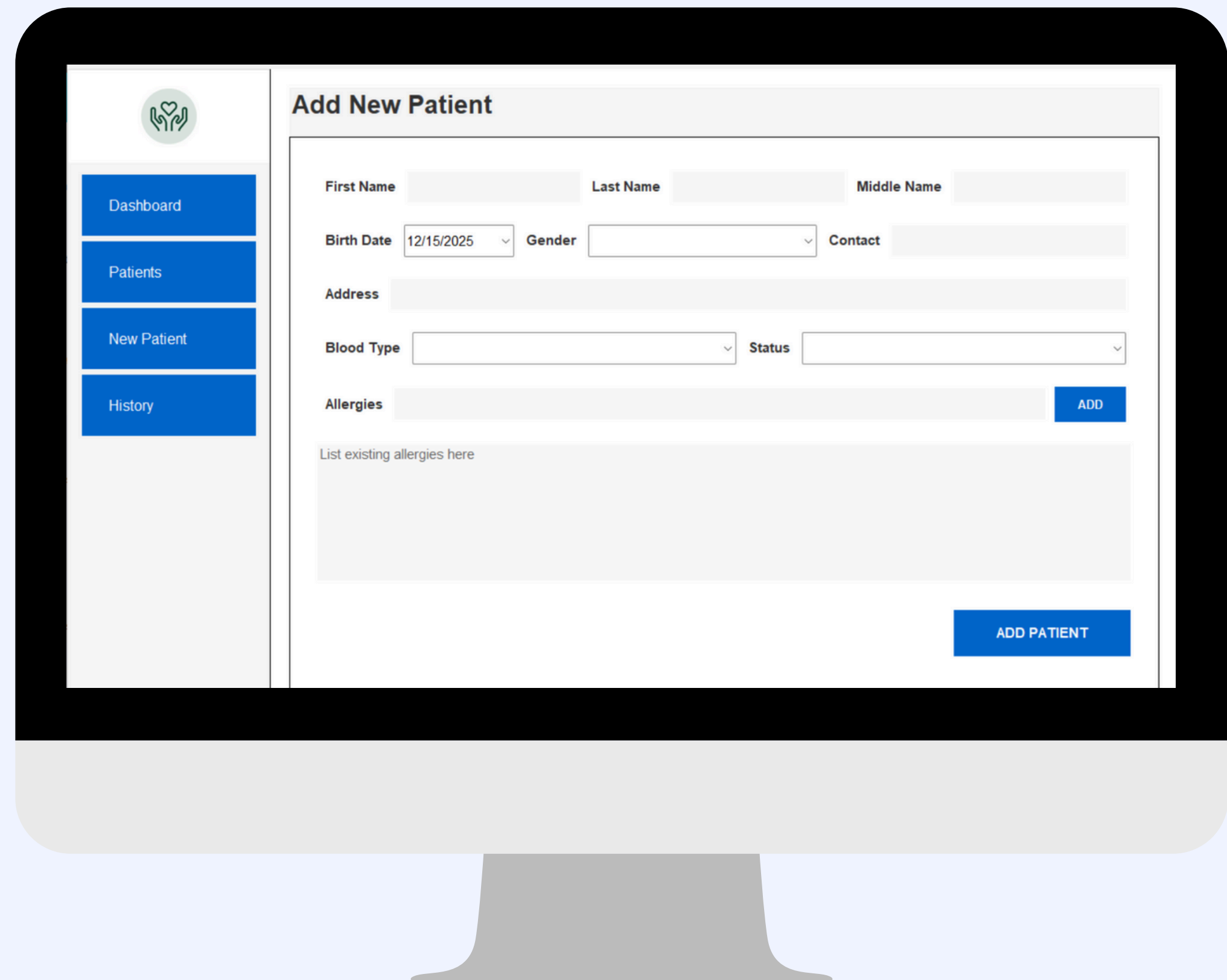
Supports Universal Health Coverage (UHC): Streamlines administrative tasks, allowing healthcare staff to dedicate more time to direct patient care.

Key Features

01

CREATE:
Filling out and submitting a "New Patient" form.

Key Features

02

READ:
Viewing the list of all patients; using the search box.
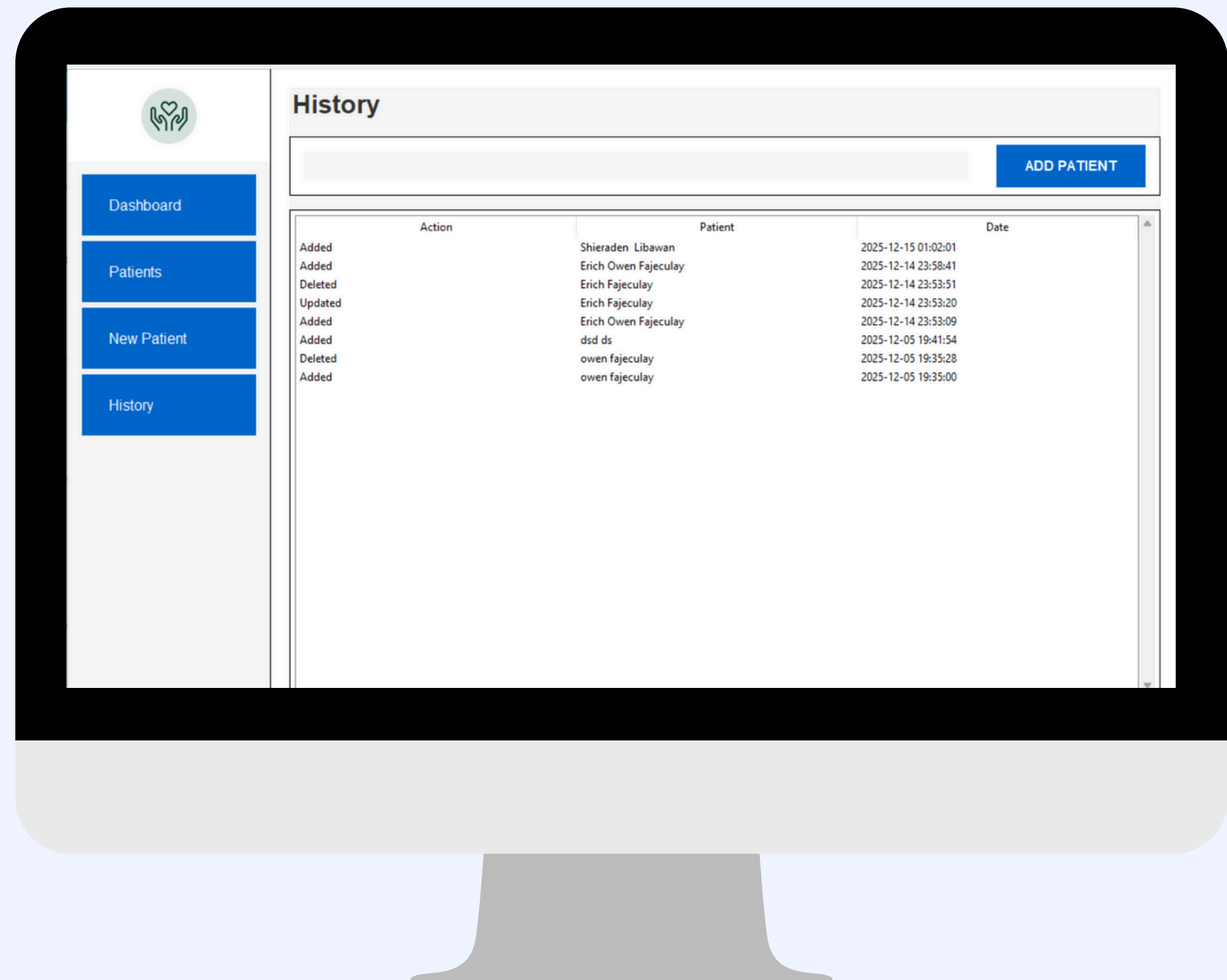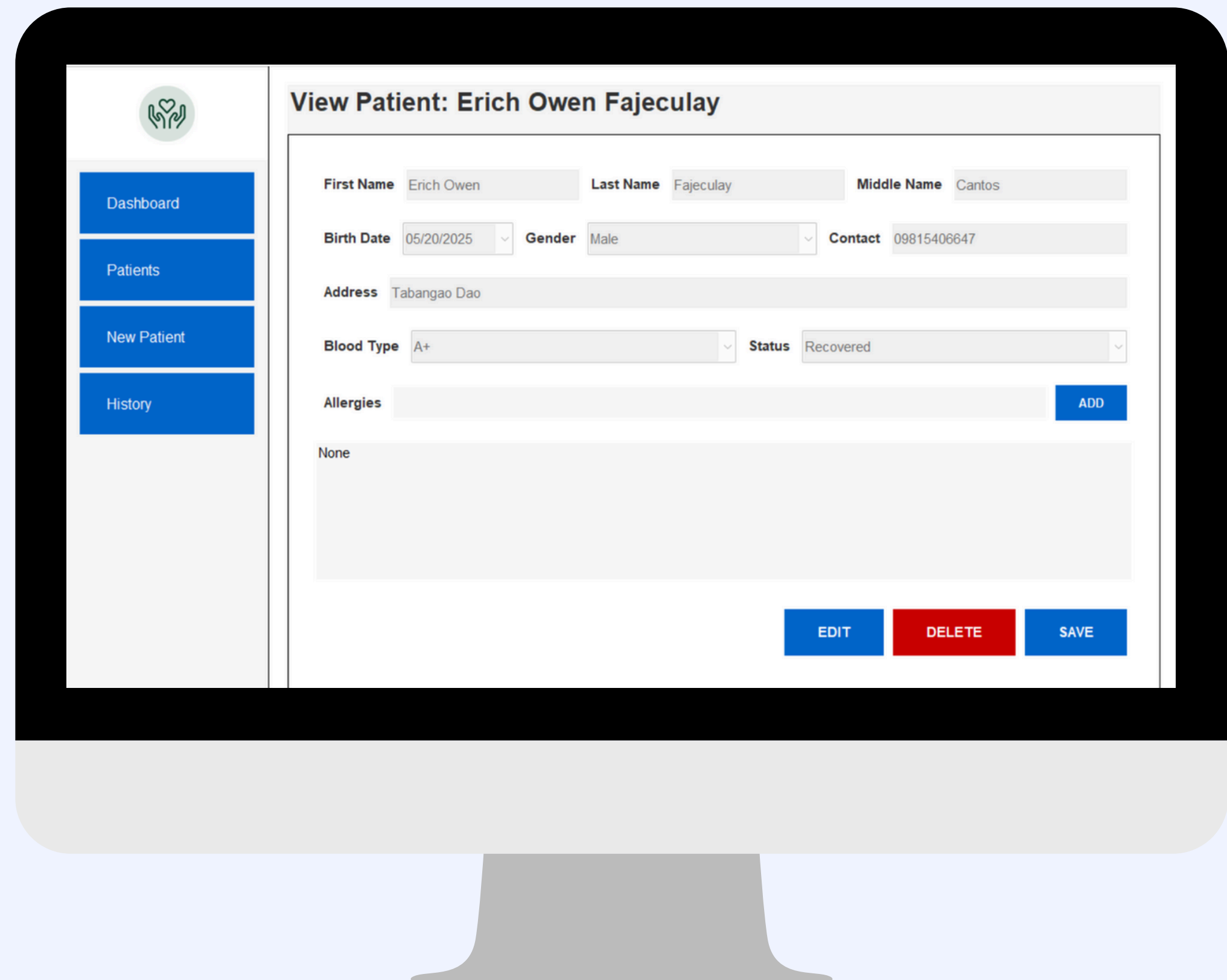
Key Features

03

UPDATE:
Double clicking
selected patient
record to modify
and clicking save
to save changes.

View Patient: Erich Owen Fajeculay

First Name	Erich Owen	**Last Name**	Fajeculay	**Middle Name**	Cantos

Birth Date 05/20/2025   **Gender** Male   **Contact** 09815406647

Address Tabangao Dao

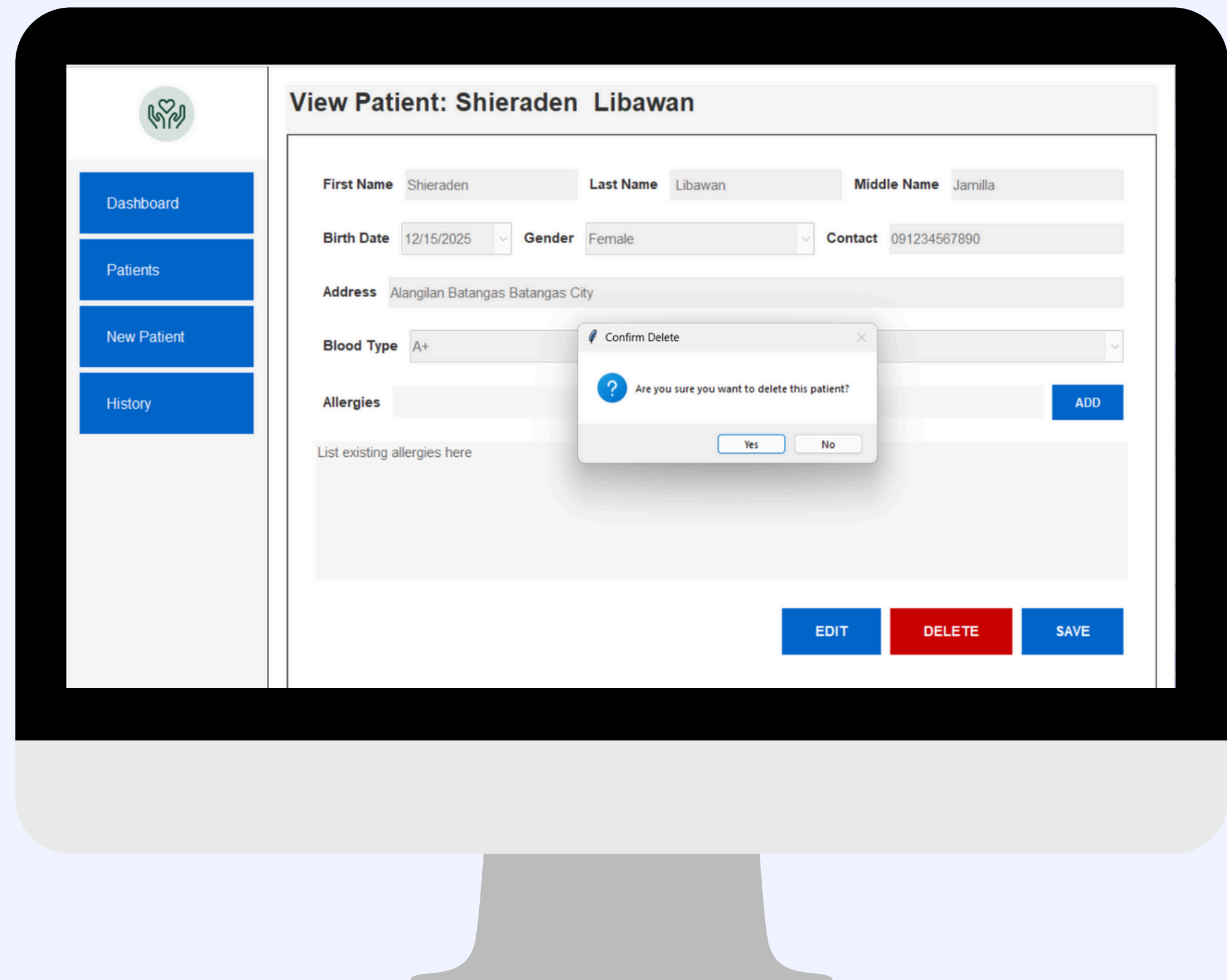**Blood Type** A+   **Status** Recovered

Allergies   [ADD]

None

[EDIT] [DELETE] [SAVE]

Dashboard

Patients

New Patient

History

Key Features

04

DELETE:
Selecting a patient and clicking the "Delete" button.

Thank you!