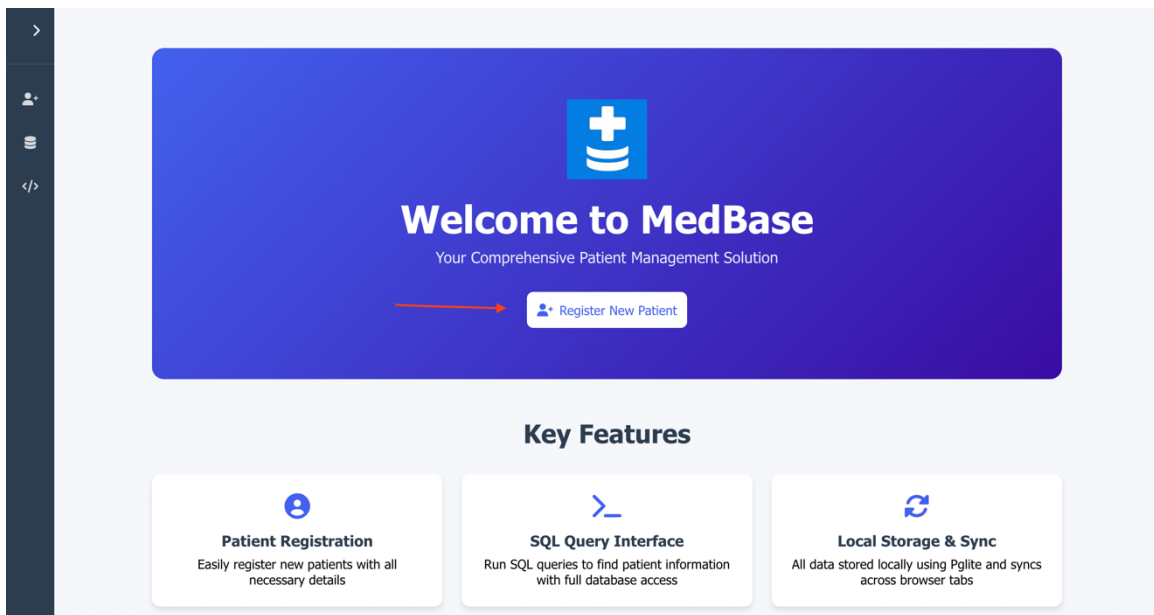


MedBase - User Manual

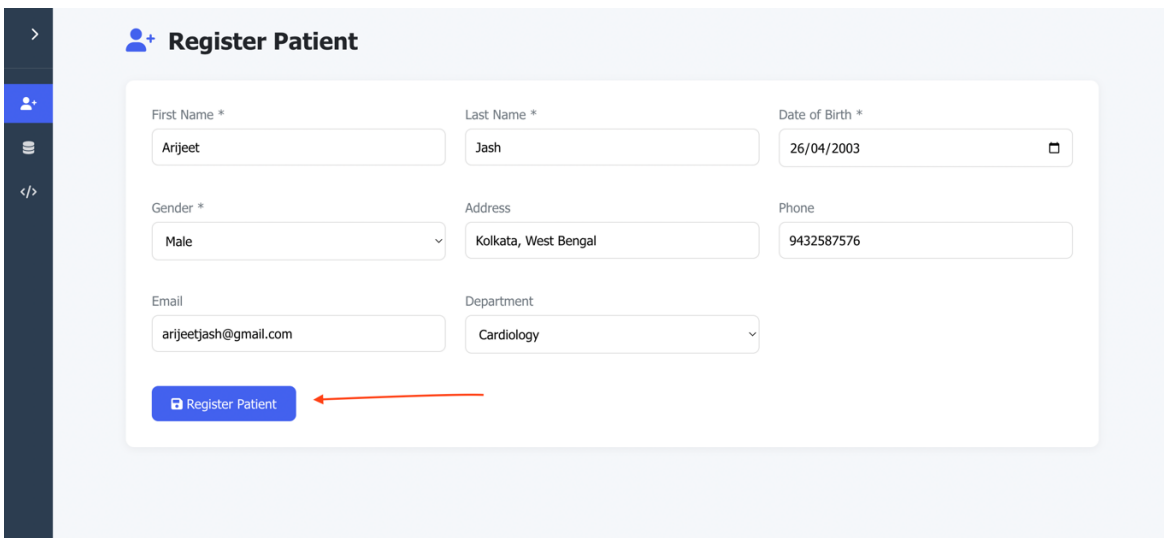
MedBase is a real-time patient management system built using **React** and **PGLite** (PostgreSQL running in IndexedDB). It supports seamless **Create, Read, Update, and Delete (CRUD)** operations and ensures cross-tab synchronization for a smooth user experience.

Registration:

Open the website and click on “Register New Patient” to register the details of a new patient



Click on "**Register New Patient**" to navigate to the registration page. Fill in the required patient details and click on the "**Register Patient**" button to save the data to the database.

The image shows the "Register Patient" form. It has a dark blue header with a white cross icon and the text "Register Patient". The form contains several input fields: "First Name *" (Arijeet), "Last Name *" (Jash), "Date of Birth *" (26/04/2003), "Gender *" (Male), "Address" (Kolkata, West Bengal), "Phone" (9432587576), "Email" (arijeetjash@gmail.com), and "Department" (Cardiology). A red arrow points to the "Register Patient" button at the bottom.

Database:

Once you have registered the data of the patient, Click the **arrow icon** in the top-left corner to open the sidebar menu. From there, select **"Database"** to view all registered patient records.

Open Sidebar

Click this to see the all the records

MedBase

Registration

Database

SQL Query

Register Patient

First Name *

Last Name *

Date of Birth *

dd/mm/yyyy

Gender *

Select Gender

Address

Phone

Email

Department

Select Department

Register Patient

In **Database** you will be able to see all the records you have entered. There is also a search bar to search a patient name out of a long list of records.

MedBase

Registration

Database

SQL Query

Patient Database

Search patients...

ID	Name	Date of Birth	Gender	Contact	Department
1	Arijeet Jash	4/26/2003	Male	9432587576 arijeetjash@gmail.com	Cardiology

To view detailed information for a patient, click on the corresponding row. You will see the full patient profile along with **Edit** and **Delete** buttons.

The screenshot shows the MedBase application interface. On the left is a dark sidebar with navigation links: 'Registration', 'Database' (highlighted), and 'SQL Query'. The main area is titled 'Patient Database' and contains a search bar and a table of patients. A modal window titled 'Patient Details' is open, displaying the following information for a patient:

Patient Details	
Full Name:	Arijeet Jash
Date of Birth:	4/26/2003
Age:	22 years
Gender:	Male
Address:	Kolkata, West Bengal
Phone:	9432587576
Email:	arijeetjash@gmail.com
Department:	Cardiology
Registered On:	5/26/2025, 6:37:26 AM

At the bottom of the modal are two buttons: an 'Edit' button (pencil icon) and a 'Delete' button (trash icon). Red arrows point from these buttons to text labels below the modal: 'Click this to edit the records' and 'Click this to delete the particular record'.

Click **Edit** to modify patient details. You'll be redirected to the registration page with pre-filled data. After making changes, click **Update** to save.

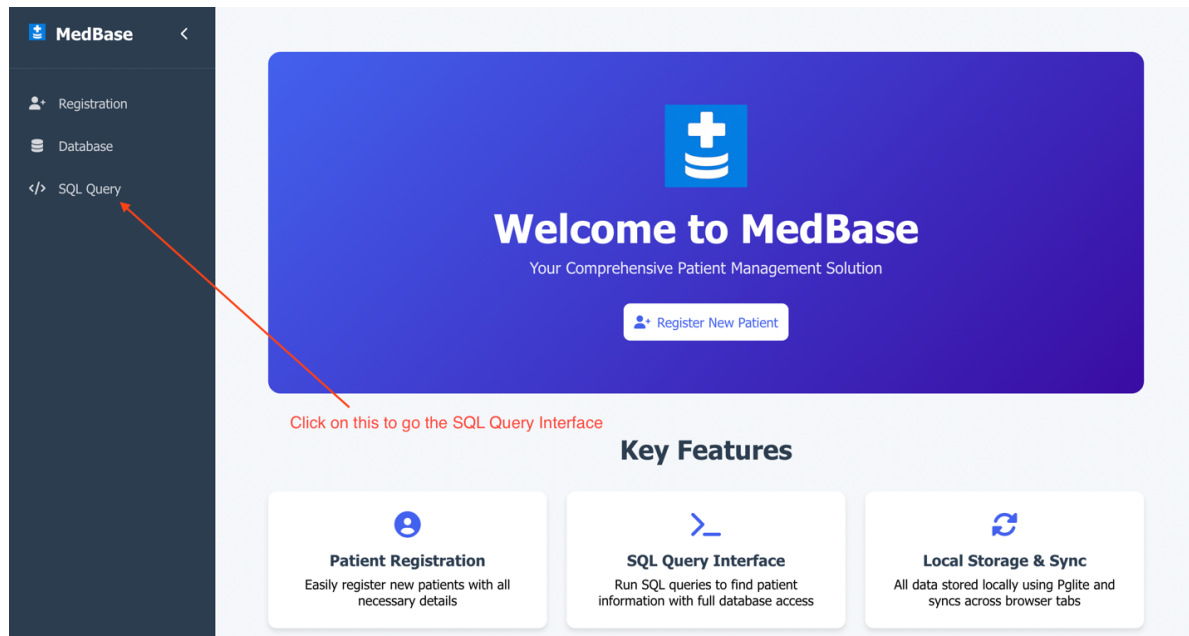
The screenshot shows the 'Edit Patient' form in the MedBase application. The sidebar on the left has 'Registration' highlighted. The form contains the following fields:

- First Name *: Arijeet
- Last Name *: Jash
- Date of Birth *: 26/04/2003
- Gender *: Male
- Address: Kolkata, West Bengal
- Phone: 9432587576
- Email: arijeetjash@gmail.com
- Department: Cardiology

At the bottom of the form is a blue button labeled 'Update Patient'.

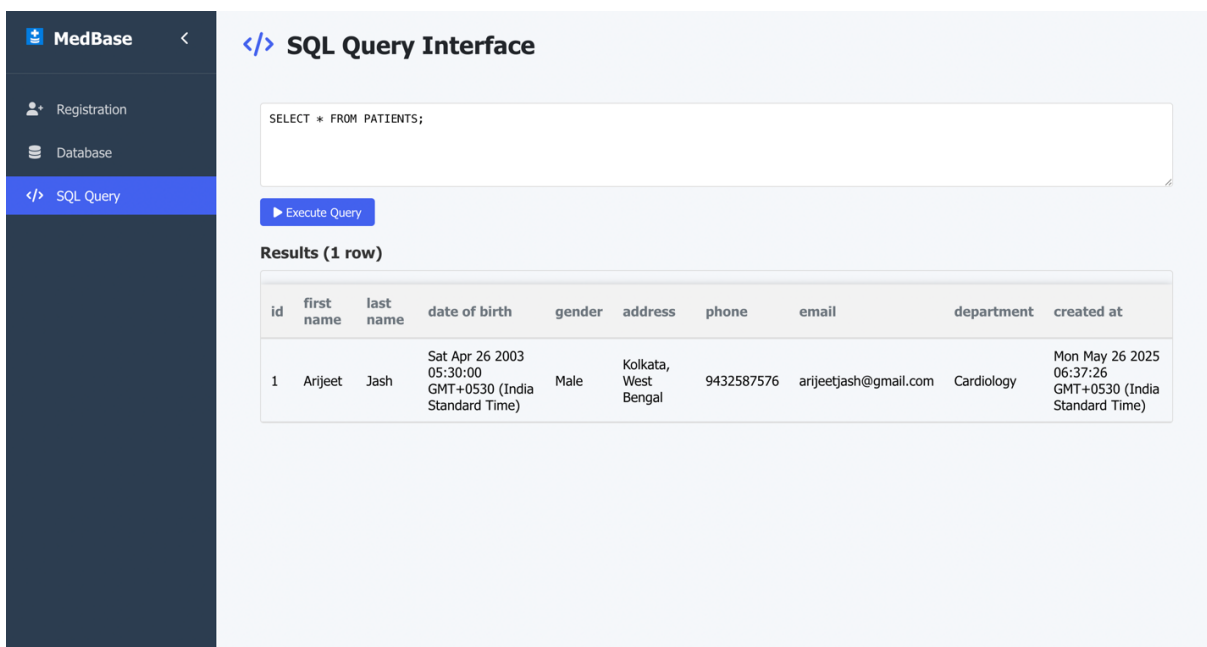
SQL Query Interface

Navigate to "SQL Query" from the sidebar to access the SQL interface. You can write raw SQL commands to interact with the patient database. All records are stored in the `patients` table.



One example operations

`SELECT * FROM patients;` — View all records



Thank You For Using
 **MedBase**