

BSDOC Database Tables and Descriptions

users

Stores user details, including personal information, authentication credentials, and roles.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying users.
email	TEXT	User's unique email address for authentication.
password	TEXT	Encrypted password for authentication.
first_name	TEXT	User's first name.
last_name	TEXT	User's last name.
gender	TEXT	User's gender (Male, Female, Other).
phone	TEXT	User's phone number, unique per user.
role	TEXT	Defines the user's role (Normal User, Doctor, Admin).
profile_picture	TEXT	URL to the user's profile picture.
created_at	TIMESTAMP	Timestamp of user account creation.

symptoms

Records symptom inputs from users.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying symptom entries.
user_id	UUID	References the user who reported the symptom.
symptom	TEXT	Description of the symptom entered by the user.
input_mode	TEXT	Indicates whether the input is Basic or Advanced.
reported_at	TIMESTAMP	Timestamp of when the symptom was reported.

ailments

Stores ailments and possible cures, providing descriptions for each.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying ailments.
name	TEXT	Name of the ailment.
description	TEXT	Detailed description of the ailment.

symptom_ailment_map

Maps symptoms to possible ailments for diagnostic suggestions.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying mappings.
symptom_id	UUID	References a symptom from the symptoms table.
ailment_id	UUID	References an ailment from the ailments table.

otc_medications

Stores over-the-counter medication recommendations.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying medications.
name	TEXT	Name of the medication.
description	TEXT	Detailed description of the medication.
dosage	TEXT	Recommended dosage for different age brackets and weights.
age_bracket	TEXT	Age range for dosage calculation.
weight_range	TEXT	Weight range for dosage calculation.
side_effects	TEXT	Potential side effects of the medication.
availability	TEXT	Medication availability status (Available, Limited, Out of Stock).

ailment_medication_map

Links ailments to appropriate OTC medications.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying mappings.
ailment_id	UUID	References an ailment from the ailments table.
medication_id	UUID	References a medication from the otc_medications table.

user_profiles

Contains additional user health details for personalized recommendations.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying user profiles.
user_id	UUID	References the user from the users table.
age	INT	User's age.
weight	FLOAT	User's weight in kilograms.
height	FLOAT	User's height in centimeters.
medical_history	TEXT	User's past medical history.

appointments

Handles doctor appointment scheduling and status tracking.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying appointments.
user_id	UUID	References the patient booking the appointment.
doctor_id	UUID	References the doctor assigned to the appointment.
appointment_date	TIMESTAMP	Scheduled date and time of the appointment.
status	TEXT	Current status of the appointment (Pending, Confirmed, Cancelled).
created_at	TIMESTAMP	Timestamp of when the appointment was created.

doctor_schedules

Stores the availability of doctors for scheduling appointments.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying schedules.
doctor_id	UUID	References the doctor associated with the schedule.
available_day	TEXT	Day of the week when the doctor is available.
start_time	TIME	Start time of availability.
end_time	TIME	End time of availability.

bug_reports

Allows users to report system bugs and track issue status.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying bug reports.
user_id	UUID	References the user reporting the bug.
description	TEXT	Detailed description of the bug.
screenshot_url	TEXT	URL to the uploaded screenshot of the bug (optional).
status	TEXT	Current status of the report (Open, In Progress, Resolved).
reported_at	TIMESTAMP	Timestamp of when the bug was reported.

admin_controls

Records admin actions related to user and data management.

Field Name	Data Type	Description
id	UUID	Primary key for uniquely identifying admin actions.
admin_id	UUID	References the admin performing the action.
action	TEXT	Description of the administrative action taken.

target_user	UUID	References the user affected by the action (if applicable).
timestamp	TIMESTAMP	Timestamp of the action.