NATIONAL HEALTHCARE DATABASE

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01.

SCOPE

Maintaining the Nation's medical records

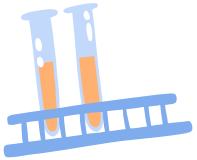
DOCTORS

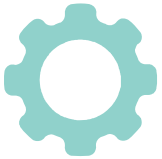
ADMISSIONS

PATIENTS

HOSPITALS

BILLS





02. FUNCTIONAL REQUIREMENTS

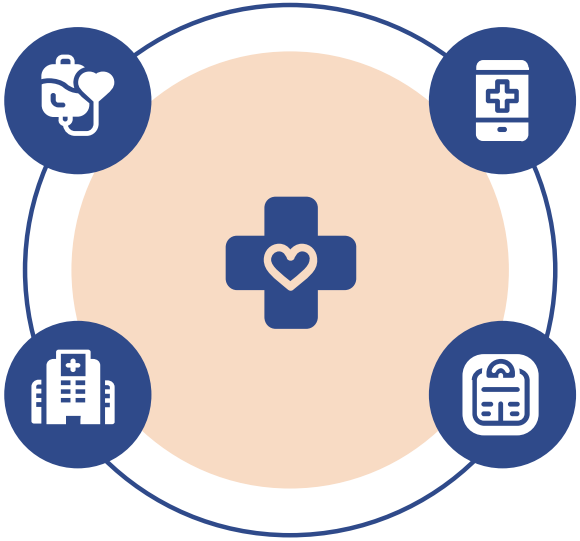
DATABASE FUNCTIONS

CRUD OPERATIONS

On Patients,
Admissions and Bills

TRACK CURRENT ADMISSIONS

Of a Hospital

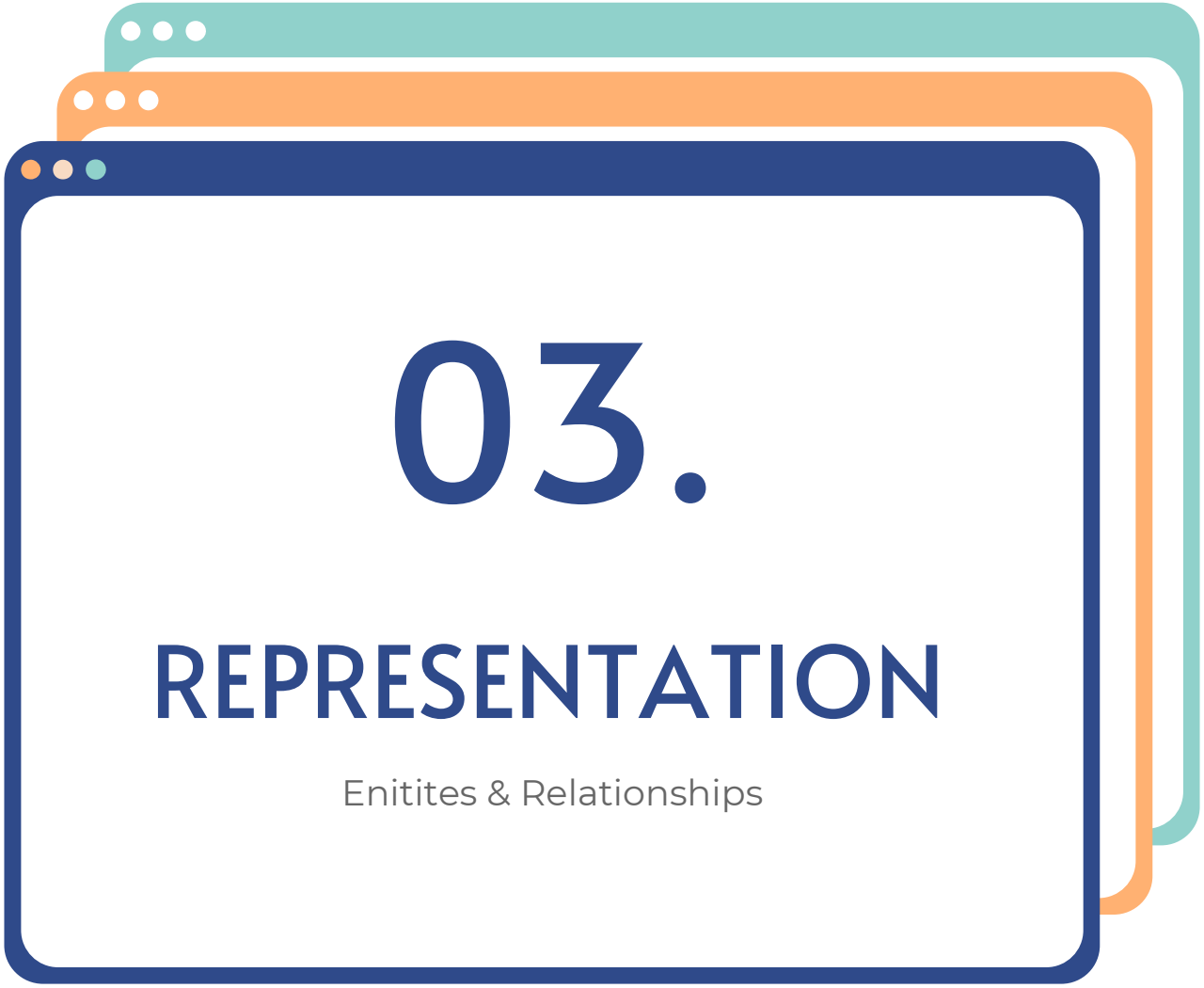


PAST & PRESENT ADMISSIONS

Of a Patient

OUTSTANDING BILLS

Of a Patient



03.

REPRESENTATION

Enitites & Relationships

ENTITIES

PATIENTS
id
first_name
last_name
age
gender
blood_type
medical_condition
bank_account_number

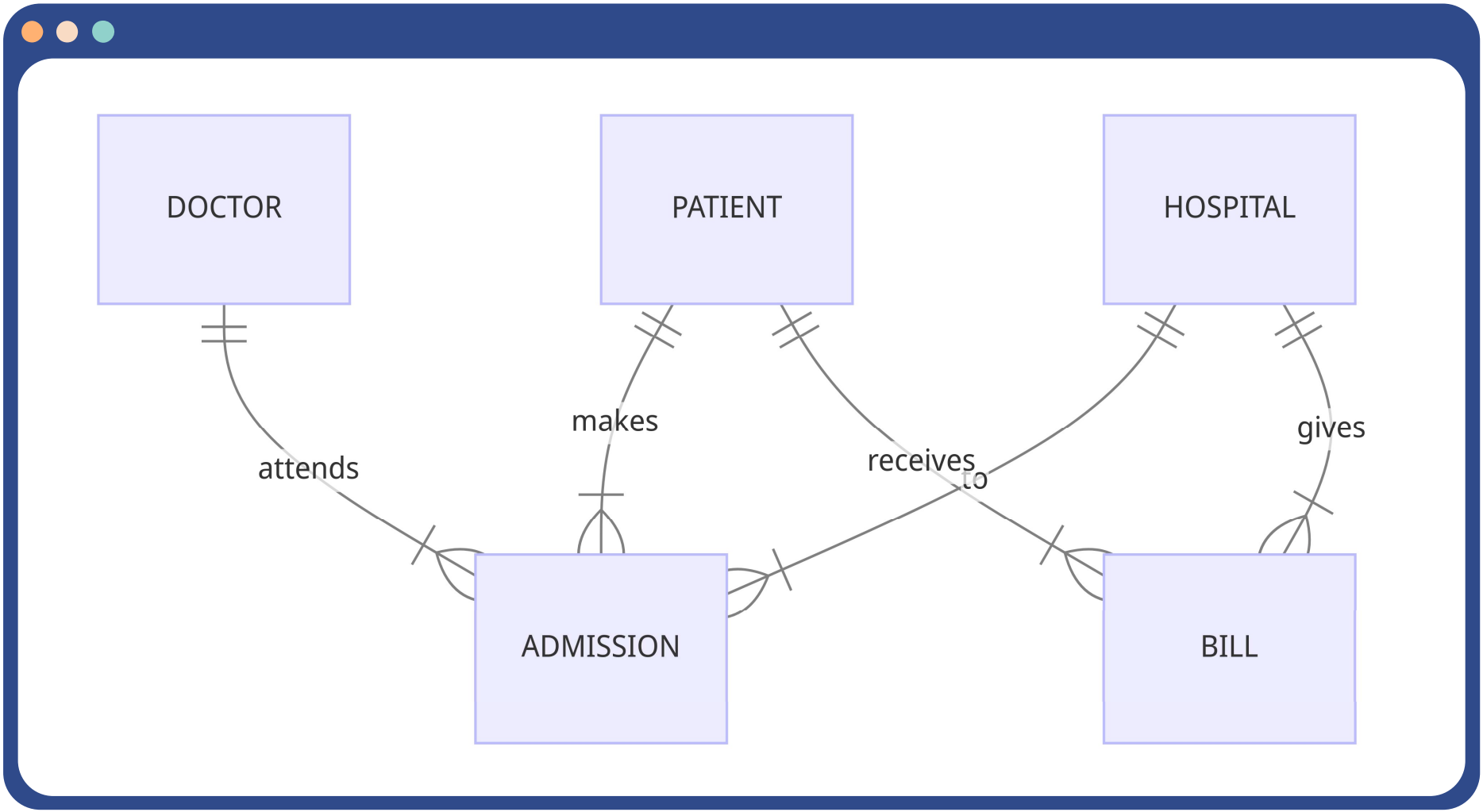
DOCTORS
id
first_name
last_name

HOSPITALS
id
name
location

ADMISSIONS
id
patient_id
doctor_id
hospital_id
admission_date
type
room_number
discharged_date

BILLS
id
patient_id
hospital_id
amount
paid

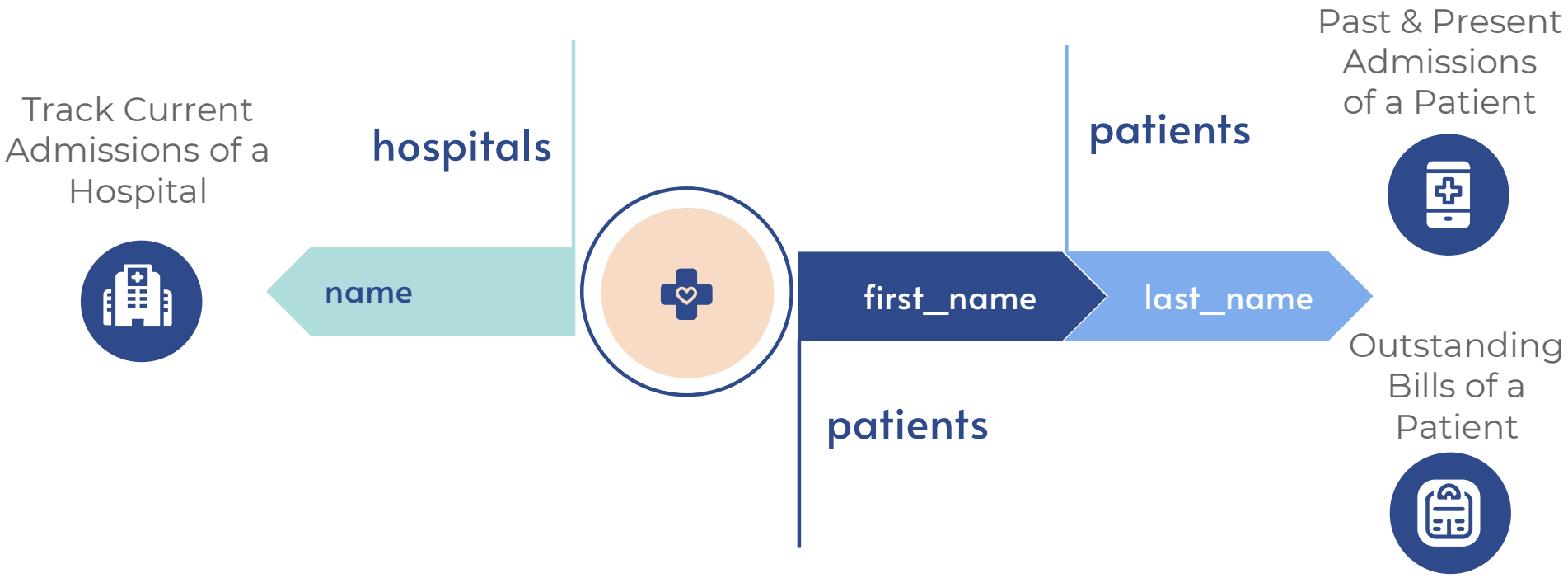
ER DIAGRAM


DOCTOR
PATIENT
HOSPITAL
attends
makes
receives
gives
ADMISSION
BILL

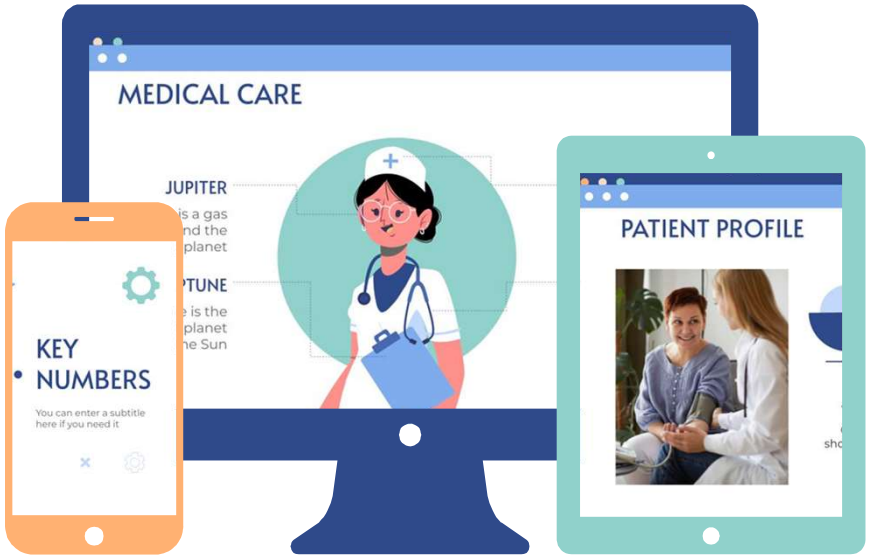
04.

OPTIMISATION

OPTIMISATION



A DATABASE TO SUPPORT HEALTHCARE OPERATIONS



THANKS!

Do you have any questions?

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