AI-601: Lab 2
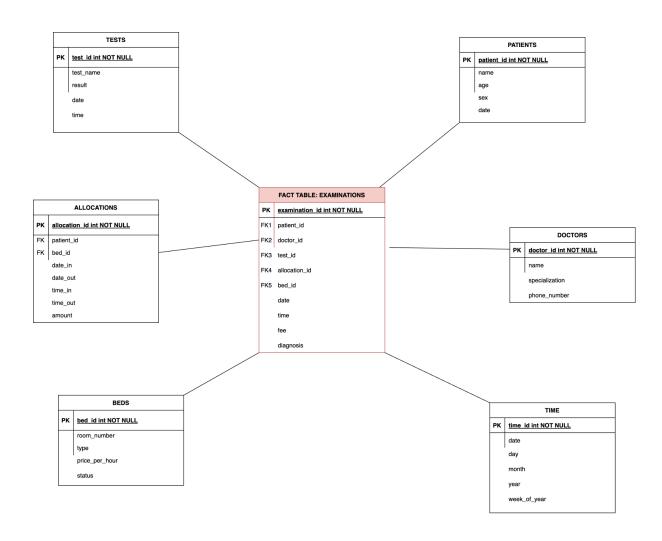
Group: **23**

Group Members:
- **24280030**
- **24280054**

Star Schema

TESTS

PK	**test_id int NOT NULL**
	test_name
	result
	date
	time

PATIENTS

PK	**patient_id int NOT NULL**
	name
	age
	sex
	date

ALLOCATIONS

PK	**allocation_id int NOT NULL**
FK	patient_id
FK	bed_id
	date_in
	date_out
	time_in
	time_out
	amount

FACT TABLE: EXAMINATIONS

PK	**examination_id int NOT NULL**
FK1	patient_id
FK2	doctor_id
FK3	test_id
FK4	allocation_id
FK5	bed_id
	date
	time
	fee
	diagnosis

DOCTORS

PK	**doctor_id int NOT NULL**
	name
	specialization
	phone_number

BEDS

PK	**bed_id int NOT NULL**
	room_number
	type
	price_per_hour
	status

TIME

PK	**time_id int NOT NULL**
	date
	day
	month
	year
	week_of_year

Snowflake Schema

TESTS

PK	**test_id int NOT NULL**
	test_name
	result
	date
	time

PATIENTS

PK	**patient_id int NOT NULL**
	name
	age
	sex
	date

ALLOCATIONS

PK	**allocation_id int NOT NULL**
FK	patient_id
FK	bed_id
	date_in
	date_out
	time_in
	time_out
	amount

FACT TABLE: EXAMINATIONS

PK	**examination_id int NOT NULL**
FK1	patient_id
FK2	doctor_id
FK3	test_id
FK4	allocation_id
FK5	bed_id
	date
	time
	fee
	diagnosis

DOCTORS

PK	**doctor_id int NOT NULL**
FK1	specialization_id
	name
	phone_number

SPECIALIZATION

PK	**specialization_id int NOT NULL**
	specialization_name

BED_TYPES

PK	**bed_type_id int NOT NULL**
	price_per_hour
	type

BEDS

PK	**bed_id int NOT NULL**
FK1	room_id
FK2	bed_type_id
	status

TIME

PK	**time_id int NOT NULL**
	date
	day
	month
	year
	week_of_year

ROOMS

PK	**room_id int NOT NULL**
	room_number