

Project Part 2

Team Details

- Nihar Maheshwari : UNI : nm3223
- Aayush Kumar Verma : UNI : av2955
- Group ID on Courseworks : 45

PostgreSQL User Details

All final database manipulations for the submission have been done in Nihar Maheshwari's DB account. The login user is : nm3223

Queries

Patient Doctor :

SQL query for patients who have consulted more than 1 doctor through the multiple visits to the hospital.

```
SELECT p.patient_id AS "Patient ID", p.first_name AS "First Name", p.last_name AS "Last Name"
FROM
    patient p
WHERE
    p.patient_id IN (
        SELECT c.patient_id
        FROM advise a NATURAL JOIN consult c
        GROUP BY c.patient_id
        HAVING COUNT(DISTINCT a.employee_id) > 1
    );
```

Time Management For Nurses :

SQL query to get the nurses who were busy at a particular instance of time. Not the instance can be modified to now() to get the nurses who are currently occupied.

```
SELECT e.employee_id, e.first_name, e.last_name
FROM
    employee e NATURAL JOIN
    nurse n,
    admission a
WHERE
    a.employee_id = e.employee_id
AND '2021-02-25 01:01:07 PM' BETWEEN a.time_from AND a.time_to;
```

Post Surgery Patients

SQL query to get patients who went for a check up after a surgery in the same hospital

```
SELECT DISTINCT p.patient_id, p.first_name, p.last_name
FROM
    patient p,
    consult c
WHERE
    p.patient_id = c.patient_id
```

```

AND c.consult_type = 'VISIT'
AND EXISTS (
  SELECT *
  FROM consult ci
  WHERE ci.patient_id = p.patient_id
  AND ci.consult_type = 'SURGERY'
  AND ci.consult_to < c.consult_from
);

```

Employee Salary

SQL to get all PAIRS of employees who receive the same salary.

```

SELECT
  e1.employee_id, e1.first_name, e1.last_name, e2.employee_id, e2.first_name,
  e2.last_name
FROM
  employee e1,
  employee e2
WHERE
  e1.salary = e2.salary
AND e1.employee_id < e2.employee_id ;

```

Current Patients

SQL to get Patients who are currently in the Hospital (being treated)

```

SELECT p.patient_id, p.first_name, p.last_name
FROM patient p NATURAL JOIN admission a NATURAL JOIN unit u
WHERE a.time_to IS NULL;

```

Create Schema

The following is the create script used to create the tables and populate the data

```

CREATE TABLE patient(
  patient_id int PRIMARY KEY,
  first_name varchar(255) NOT NULL,
  last_name varchar(255),
  insurance_id varchar(20),
  dob date NOT NULL,
  gender varchar(1) NOT NULL
);

INSERT INTO patient VALUES(1001, 'Nihar', 'Maheshwari', 'PNQP4872', '1996-01-31', 'M');
INSERT INTO patient VALUES(1002, 'Aayush', 'Verma', 'INIT4529', '1996-01-22', 'M');
INSERT INTO patient VALUES(1003, 'Alfred', 'Mazri', 'QASW9090', '1967-06-27', 'M');
INSERT INTO patient VALUES(1004, 'Elaine', 'Ng', 'WSED4876', '1988-05-02', 'F');
INSERT INTO patient VALUES(1005, 'Henry', '', 'QMKU4528', '1998-06-08', 'M');
INSERT INTO patient VALUES(1006, 'Neha', 'Nair', 'FGQM6402', '1971-05-11', 'F');
INSERT INTO patient VALUES(1007, 'Corrina', 'Musk', 'BCMZ3487', '1945-09-23', 'F');
INSERT INTO patient VALUES(1008, 'Pulkit', 'Shrivastava', 'DFHY3473', '1976-11-10', 'M');

```

```

INSERT INTO patient VALUES(1009, 'Ani', 'Singh', 'QKTN7491', '1993-12-06', 'F');
INSERT INTO patient VALUES(1010, 'Edgar', 'Marcussen', 'NQWI9745', '1944-03-22', 'M');
INSERT INTO patient VALUES(1011, 'Ignacio', 'DeVal', 'FDAH2385', '1961-04-05', 'M');

```

```

CREATE TABLE payment(
    payment_ref_no int PRIMARY KEY,
    amount numeric(12, 2) NOT NULL,
    payment_status varchar(20) NOT NULL,
    is_insured boolean NOT NULL,
    pay_date timestamp NOT NULL,
    CONSTRAINT valid_amount CHECK (amount > 0)
);

```

```

INSERT INTO payment VALUES(5001, 67000, 'CONFIRMED', TRUE, '2016-06-22 19:10:25');
INSERT INTO payment VALUES(5002, 12, 'PENDING', TRUE, '2019-06-23 18:23:25');
INSERT INTO payment VALUES(5003, 34500, 'CONFIRMED', TRUE, '2021-01-01 23:10:25');
INSERT INTO payment VALUES(5004, 45, 'CONFIRMED', TRUE, '2017-08-27 02:10:25');
INSERT INTO payment VALUES(5005, 120, 'CONFIRMED', TRUE, '2019-12-12 06:58:11');
INSERT INTO payment VALUES(5006, 23, 'CONFIRMED', TRUE, '2018-07-11 15:14:00');
INSERT INTO payment VALUES(5007, 900, 'PENDING', TRUE, '2020-03-07 06:01:00');
INSERT INTO payment VALUES(5008, 12.8, 'CONFIRMED', TRUE, '2015-06-29 18:30:25');
INSERT INTO payment VALUES(5009, 45.98, 'CONFIRMED', TRUE, '2017-11-11 00:01:00');
INSERT INTO payment VALUES(5010, 34, 'CONFIRMED', TRUE, '2020-12-31 23:59:59');
INSERT INTO payment VALUES(5011, 150.56, 'CONFIRMED', TRUE, '2019-09-23 19:06:25');
INSERT INTO payment VALUES(5012, 34, 'PENDING', FALSE, '2020-06-03 13:15:25');
INSERT INTO payment VALUES(5013, 67, 'CONFIRMED', TRUE, '2016-04-04 16:04:04');

```

```

CREATE TABLE consult(
    consult_id int PRIMARY KEY,
    consult_from timestamp NOT NULL,
    consult_to timestamp,
    consult_type varchar(20) NOT NULL,
    patient_id int NOT NULL,
    payment_ref_no int NOT NULL,
    FOREIGN KEY (patient_id) references patient ON DELETE CASCADE,
    FOREIGN KEY (payment_ref_no) references payment ON DELETE CASCADE
);

```

```

INSERT INTO consult VALUES(700001, '2016-06-22 13:05:25', '2016-06-22 19:05:25', 'VISIT', 1001, 5001);
INSERT INTO consult VALUES(700002, '2019-06-23 14:20:25', '2019-06-23 18:20:25', 'SURGERY', 1002, 5002);
INSERT INTO consult VALUES(700003, '2021-01-01 22:10:22', '2021-01-01 23:10:22', 'VISIT', 1003, 5003);
INSERT INTO consult VALUES(700004, '2017-08-27 01:05:25', '2017-08-27 02:05:25', 'VISIT', 1004, 5004);
INSERT INTO consult VALUES(700005, '2019-12-12 05:15:11', '2019-12-12 06:15:11', 'VISIT', 1005, 5005);
INSERT INTO consult VALUES(700006, '2018-07-11 14:11:00', '2018-07-11 15:11:00', 'VISIT', 1006, 5006);
INSERT INTO consult VALUES(700007, '2020-03-07 05:00:30', '2020-03-07

```

```

06:00:30', 'VISIT', 1007, 5007);
INSERT INTO consult VALUES(700008, '2015-06-29 13:00:25', '2015-06-29
18:00:25', 'SURGERY', 1008, 5008);
INSERT INTO consult VALUES(700009, '2017-11-11 04:00:10', '2017-11-11
00:00:10', 'SURGERY', 1009, 5009);
INSERT INTO consult VALUES(700010, '2020-12-31 22:50:59', '2020-12-31
23:50:59', 'VISIT', 1010, 5010);
INSERT INTO consult VALUES(700011, '2019-09-23 17:00:25', '2019-09-23
19:00:25', 'VISIT', 1011, 5011);
INSERT INTO consult VALUES(700012, '2020-06-03 12:05:25', '2020-06-03
13:05:25', 'VISIT', 1001, 5012);
INSERT INTO consult VALUES(700013, '2016-04-04 13:01:04', '2016-04-04
16:01:04', 'SURGERY', 1001, 5013);

CREATE TABLE medicine(
    fda_id int PRIMARY KEY,
    med_name varchar(255) NOT NULL,
    retail_price numeric(8,2) NOT NULL,
    prescription_required boolean NOT NULL,
    current_stock int NOT NULL,
    check (current_stock >= 0),
    check (retail_price >= 0)
);

INSERT INTO medicine VALUES(13240001, 'Crocin', 0.15, FALSE, 700);
INSERT INTO medicine VALUES(13240002, 'All-Rite', 5.67, FALSE, 560);
INSERT INTO medicine VALUES(13240003, 'Benzodiazepine', 100.88, TRUE, 120);
INSERT INTO medicine VALUES(13240004, 'Formalin', 20, TRUE, 45);
INSERT INTO medicine VALUES(13240005, 'AntiHistamine', 13, TRUE, 46);
INSERT INTO medicine VALUES(13240006, 'Tylenol', 16.7, TRUE, 82);
INSERT INTO medicine VALUES(13240007, 'Ibuprofen', 2.9, FALSE, 235);
INSERT INTO medicine VALUES(13240008, 'Rehydration Salt', 1, FALSE, 47);
INSERT INTO medicine VALUES(13240009, 'Warafin', 45.7, TRUE, 822);
INSERT INTO medicine VALUES(13240010, 'Peopto-Bismol', 23.7, TRUE, 124);
INSERT INTO medicine VALUES(13240011, 'Glycerin', 21.8, TRUE, 63);

CREATE TABLE elements(
    fda_id int,
    med_element varchar(255) NOT NULL,
    FOREIGN KEY (fda_id) references medicine ON DELETE CASCADE,
    PRIMARY KEY (fda_id, med_element)
);

INSERT INTO elements VALUES(13240001, 'laevocitrizin');
INSERT INTO elements VALUES(13240002, 'benzene');
INSERT INTO elements VALUES(13240003, 'ethyl alcohol');
INSERT INTO elements VALUES(13240004, 'chlorine');
INSERT INTO elements VALUES(13240001, 'benzene');
INSERT INTO elements VALUES(13240002, 'laevocitrizin');
INSERT INTO elements VALUES(13240003, 'chlorine');
INSERT INTO elements VALUES(13240004, 'ethyl alcohol');
INSERT INTO elements VALUES(13240001, 'sodium bi-sulphate');

```

```

INSERT INTO elements VALUES(13240004, 'caustic soda');
INSERT INTO elements VALUES(13240004, 'iron sulphate');

CREATE TABLE prescription(
    consult_id int NOT NULL,
    fda_id int NOT NULL,
    FOREIGN KEY (fda_id) references medicine ON DELETE CASCADE,
    FOREIGN KEY (consult_id) references consult ON DELETE CASCADE,
    PRIMARY KEY (consult_id, fda_id)
);

INSERT INTO prescription VALUES(700001, 13240001);
INSERT INTO prescription VALUES(700003, 13240008);
INSERT INTO prescription VALUES(700004, 13240003);
INSERT INTO prescription VALUES(700005, 13240011);
INSERT INTO prescription VALUES(700006, 13240005);
INSERT INTO prescription VALUES(700007, 13240008);
INSERT INTO prescription VALUES(700010, 13240007);
INSERT INTO prescription VALUES(700011, 13240008);
INSERT INTO prescription VALUES(700012, 13240008);
INSERT INTO prescription VALUES(700008, 13240010);

CREATE TABLE department(
    department_id int PRIMARY KEY,
    dep_name varchar(255) NOT NULL,
    revenue numeric(15,2) NOT NULL,
    budget numeric(15,2) NOT NULL
);

INSERT INTO department VALUES(1, 'Cardiology', 1200000, 200000);
INSERT INTO department VALUES(2, 'Neurology', 67000, 100000);
INSERT INTO department VALUES(3, 'Admin', 300000, 325000);
INSERT INTO department VALUES(4, 'Anasthetics', 172900, 200000);
INSERT INTO department VALUES(5, 'Dignosis', 789555, 1000000);
INSERT INTO department VALUES(6, 'Radiology', 336500, 450000);
INSERT INTO department VALUES(7, 'Physiology', 741098, 986514);
INSERT INTO department VALUES(8, 'Ophthalmology', 232358, 784545);
INSERT INTO department VALUES(9, 'General Medicine', 151548, 100000);
INSERT INTO department VALUES(10, 'Physiotherapy', 20000, 50000);

CREATE TABLE employee(
    employee_id int PRIMARY KEY,
    first_name varchar(255) NOT NULL,
    last_name varchar(255),
    email varchar(255),
    contact_number numeric(10,0) NOT NULL,
    dob date NOT NULL,
    hiredate date NOT NULL,
    gender varchar(1) NOT NULL,
    salary numeric(12,2) NOT NULL,
    on_site boolean NOT NULL,
    designation varchar(20) NOT NULL,

```

```

    department_id int NOT NULL,
    FOREIGN KEY (department_id) references department ON DELETE CASCADE
);

INSERT INTO employee
VALUES(202101, 'Avi', 'Katz', 'avi.kats@hnhospital.edu', 1210000121, '1994-04-04', '2015-01-01', 'M', 90000, 'Y', 'Att Nurse', 3);
INSERT INTO employee
VALUES(202102, 'Sylvia', 'Ram', 'sylvia.ram@hnhospital.edu', 1214578233, '1991-11-22', '2018-12-12', 'F', 120000, 'Y', 'Sr Surgeon', 1);
INSERT INTO employee
VALUES(202103, 'Ravi', 'Krishn', 'ravi.krishn@hnhospital.edu', 1216578342, '1967-12-27', '2016-04-04', 'M', 95000, 'Y', 'Att Nurse', 3);
INSERT INTO employee
VALUES(202104, 'Joe', 'Perez', 'joe.perez@hnhospital.edu', 1218456422, '1988-05-23', '2019-07-05', 'M', 80000, 'Y', 'Jr Nurse', 3);
INSERT INTO employee
VALUES(202105, 'Oliver', 'Defoe', 'oliver.defoe@hnhospital.edu', 1214593777, '1998-06-29', '2021-01-04', 'M', 125000, 'Y', 'Surgeon', 2);
INSERT INTO employee
VALUES(202106, 'John', 'Kent', 'john.kent@hnhospital.edu', 1218457843, '1971-06-11', '2013-06-09', 'M', 120000, 'Y', 'General Doctor', 9);
INSERT INTO employee
VALUES(202107, 'Elaine', 'Leung', 'elaine.leung@hnhospital.edu', 1217834533, '1945-09-29', '2018-03-05', 'F', 190000, 'Y', 'Surgeon', 1);
INSERT INTO employee
VALUES(202108, 'Franz', 'Kafka', 'franz.kafka@hnhospital.edu', 1213456840, '1976-11-19', '2019-07-23', 'M', 123000, 'Y', 'Sr Surgeon', 1);
INSERT INTO employee
VALUES(202109, 'Hu', 'Yoshida', 'hu.yoshida@hnhospital.edu', 1212786453, '1993-12-18', '2017-05-22', 'F', 90000, 'Y', 'Jr Nurse', 3);
INSERT INTO employee
VALUES(202110, 'Igor', 'Kotov', 'igor.kotov@hnhospital.edu', 1219845393, '1944-03-20', '2019-09-19', 'M', 80000, 'N', 'Jr Nurse', 3);
INSERT INTO employee
VALUES(202111, 'David', 'Washington', 'david.washington@hnhospital.edu', 1213456948, '1961-04-23', '2012-04-22', 'M', 123000, 'Y', 'Sr Surgeon', 2);
INSERT INTO employee
VALUES(202112, 'Richard', 'Lowe', 'richard.lowe@hnhospital.edu', 1214895743, '1991-05-12', '2012-04-24', 'M', 145000, 'Y', 'Surgeon', 2);
INSERT INTO employee
VALUES(202113, 'Jessica', 'El', 'jessica.el@hnhospital.edu', 1212564543, '1992-06-13', '2016-04-04', 'F', 176000, 'Y', 'Sr Surgeon', 1);
INSERT INTO employee
VALUES(202114, 'Vincent', 'Powell', 'vincent.powell@hnhospital.edu', 1214353453, '1993-07-14', '2021-01-04', 'M', 80000, 'Y', 'Jr Nurse', 3);
INSERT INTO employee
VALUES(202115, 'Yu', 'Cao', 'yu.cao@hnhospital.edu', 1210094589, '1994-08-15', '2019-09-19', 'F', 80000, 'Y', 'Jr Nurse', 3);
INSERT INTO employee
VALUES(202116, 'Yan', 'Lin', 'yan.lin@hnhospital.edu', 1217862222, '1996-09-17', '2016-04-04', 'F', 121000, 'Y', 'Surgeon', 1);

```

```

INSERT INTO employee
VALUES(202117, 'Charles', 'Hemsworth', 'hcharles.hemsworth@hmhospital.edu', 1214567675, '1994-04-04', '2018-12-12', 'M', 95000, 'Y', 'Jr Nurse', 3);
INSERT INTO employee
VALUES(202118, 'Ilya', 'Fischer', 'ilya.fischer@hmhospital.edu', 1214564566, '1998-06-29', '2015-01-01', 'M', 80000, 'Y', 'Jr Nurse', 3);
INSERT INTO employee
VALUES(202119, 'Srinivas', 'Kavi', 'srinivas.kavi@hmhospital.edu', 1211221233, '1976-11-19', '2015-01-01', 'M', 121000, 'Y', 'General Doctor', 9);
INSERT INTO employee
VALUES(202120, 'Sheetal', 'Kumar', 'sheetal.kumar@hmhospital.edu', 1210027856, '1996-09-17', '2015-01-01', 'F', 129000, 'Y', 'General Doctor', 9);
INSERT INTO employee
VALUES(202121, 'Mi', 'Yukari', 'mi.yukari@hmhospital.edu', 1218743509, '1996-01-31', '2015-01-01', 'F', 90000, 'Y', 'Trainee Doctor', 1);

```

```

CREATE TABLE doctor(
    employee_id int NOT NULL,
    license_number varchar(20) NOT NULL,
    doc_type varchar(20) NOT NULL,
    specialization varchar(20) NOT NULL,
    FOREIGN KEY (employee_id) references employee ON DELETE CASCADE,
    PRIMARY KEY(employee_id),
    UNIQUE(license_number)
);

```

```

INSERT INTO doctor VALUES(202102, 'XFR1659305', 'Surgeon', 'Cardiology');
INSERT INTO doctor VALUES(202105, 'XFR1673459', 'Surgeon', 'Infectious Diseases');
INSERT INTO doctor VALUES(202106, 'XFR9056875', 'General', 'Physiology');
INSERT INTO doctor VALUES(202107, 'XFR4569045', 'Surgeon', 'Neurology');
INSERT INTO doctor VALUES(202108, 'XFR0956744', 'Surgeon', 'Infectious Diseases');
INSERT INTO doctor VALUES(202111, 'XFR0345345', 'Surgeon', 'Neurology');
INSERT INTO doctor VALUES(202112, 'XFR2340923', 'Surgeon', 'Infectious Diseases');
INSERT INTO doctor VALUES(202113, 'XFR9567099', 'Surgeon', 'Cardiology');
INSERT INTO doctor VALUES(202116, 'XFR3457888', 'Surgeon', 'Neurology');
INSERT INTO doctor VALUES(202119, 'XFR2122222', 'General', 'Physiology');
INSERT INTO doctor VALUES(202120, 'XFR2349086', 'General', 'Physiology');
INSERT INTO doctor VALUES(202121, 'XFR3460944', 'General', 'Physiology');

```

```

CREATE TABLE nurse(
    employee_id int NOT NULL,
    shift varchar(1) NOT NULL,
    care_specialization varchar(20) NOT NULL,
    FOREIGN KEY (employee_id) references employee,
    PRIMARY KEY(employee_id)
);

```

```

INSERT INTO nurse VALUES (202101, 'M', 'Intensive Care');
INSERT INTO nurse VALUES (202103, 'M', 'Physiology');
INSERT INTO nurse VALUES (202104, 'M', 'General Attending');
INSERT INTO nurse VALUES (202109, 'N', 'Physiology');

```

```

INSERT INTO nurse VALUES (202110, 'N', 'At Home Treatment');
INSERT INTO nurse VALUES (202114, 'M', 'Physiology');
INSERT INTO nurse VALUES (202115, 'N', 'General Attending');
INSERT INTO nurse VALUES (202117, 'M', 'Intensive Care');
INSERT INTO nurse VALUES (202118, 'N', 'Intensive Care');

CREATE TABLE advise(
    employee_id int NOT NULL,
    consult_id int NOT NULL,
    FOREIGN KEY (employee_id) references doctor ON DELETE CASCADE,
    FOREIGN KEY (consult_id) references consult ON DELETE CASCADE,
    PRIMARY KEY(employee_id, consult_id)
);

INSERT INTO advise VALUES(202102, 700002);
INSERT INTO advise VALUES(202105, 700008);
INSERT INTO advise VALUES(202107, 700009);
INSERT INTO advise VALUES(202108, 700013);
INSERT INTO advise VALUES(202111, 700002);
INSERT INTO advise VALUES(202102, 700001);
INSERT INTO advise VALUES(202105, 700003);
INSERT INTO advise VALUES(202106, 700004);
INSERT INTO advise VALUES(202107, 700005);
INSERT INTO advise VALUES(202108, 700006);
INSERT INTO advise VALUES(202111, 700007);
INSERT INTO advise VALUES(202102, 700010);
INSERT INTO advise VALUES(202105, 700011);
INSERT INTO advise VALUES(202107, 700012);

CREATE TABLE unit(
    unit_id int PRIMARY KEY,
    unit_name varchar(255) NOT NULL,
    description varchar(255),
    capacity int NOT NULL,
    accessibility boolean NOT NULL,
    check( capacity >= 0)
);

INSERT INTO unit VALUES(301, 'General Ward 1', 'Trauma Patients Only', 24, 'TRUE');
INSERT INTO unit VALUES(302, 'General Ward 2', 'Severe Injury Patients', 12, 'FALSE');
INSERT INTO unit VALUES(303, 'General Ward 3', 'General Medication
Patients', 12, 'FALSE');
INSERT INTO unit VALUES(304, 'General Ward 4', 'General Medication
Patients', 12, 'FALSE');
INSERT INTO unit VALUES(305, 'Intensive Care Unit 1', 'Only For Surgery', 3, 'TRUE');
INSERT INTO unit VALUES(306, 'Intensive Care Unit 2', 'Surgery and Trauma', 3, 'TRUE');
INSERT INTO unit VALUES(307, 'Intensive Care Unit 3', 'Terminal Patients', 3, 'TRUE');
INSERT INTO unit VALUES(308, 'Intensive Care Unit 4', 'Only For Surgery', 3, 'TRUE');
INSERT INTO unit VALUES(309, 'In Patient Ward 1', 'General In Patient Ward', 30, 'FALSE');
INSERT INTO unit VALUES(310, 'In Patient Ward 2', 'General In Patient Ward', 30, 'TRUE');
INSERT INTO unit VALUES(311, 'In Patient Ward 3', 'Ward with Private Rooms', 10, 'TRUE');
INSERT INTO unit VALUES(312, 'In Patient Ward 4', 'Ward with Private Rooms', 10, 'TRUE');

```



```
INSERT INTO unit VALUES(313, 'General Ward 5', 'General In Patient Ward', 30, 'TRUE');
```

```
CREATE TABLE admission(  
    patient_id int NOT NULL,  
    unit_id int NOT NULL,  
    time_from timestamp NOT NULL,  
    time_to timestamp ,  
    employee_id int NOT NULL,  
    PRIMARY KEY(patient_id, unit_id, time_from),  
    FOREIGN KEY(patient_id) references patient ON DELETE CASCADE,  
    FOREIGN KEY(unit_id) references unit ON DELETE CASCADE,  
    FOREIGN KEY(employee_id) references nurse ON DELETE CASCADE  
);
```

```
INSERT INTO admission VALUES(1002, 305, '2019-06-23 14:20:25', '2019-06-23  
18:20:25', 202101);  
INSERT INTO admission VALUES(1008, 306, '2015-06-29 13:00:25', '2015-06-29  
18:00:25', 202103);  
INSERT INTO admission VALUES(1009, 307, '2017-11-11 04:00:10', '2017-11-11  
00:00:10', 202104);  
INSERT INTO admission VALUES(1001, 308, '2016-04-04 13:01:04', '2016-04-04  
16:01:04', 202109);  
INSERT INTO admission VALUES(1001, 309, '2021-02-28 13:01:04', NULL, 202101);  
INSERT INTO admission VALUES(1003, 310, '2021-02-28 17:01:04', NULL, 202103);  
INSERT INTO admission VALUES(1004, 311, '2021-02-28 12:01:04', '2021-02-28  
14:21:04', 202104);  
INSERT INTO admission VALUES(1005, 312, '2021-02-25 13:01:04', '2021-02-25  
15:01:04', 202109);  
INSERT INTO admission VALUES(1006, 309, '2021-02-21 15:08:04', '2021-02-21  
17:58:04', 202101);  
INSERT INTO admission VALUES(1007, 310, '2021-02-01 13:21:44', '2021-02-01  
17:34:04', 202103);  
INSERT INTO admission VALUES(1010, 311, '2021-02-04 16:45:04', '2021-02-04  
17:14:04', 202104);  
INSERT INTO admission VALUES(1011, 312, '2021-02-13 14:03:45', '2021-02-13  
16:21:45', 202109);  
INSERT INTO admission VALUES(1001, 311, '2021-02-15 16:56:04', '2021-02-15  
19:12:23', 202101);
```