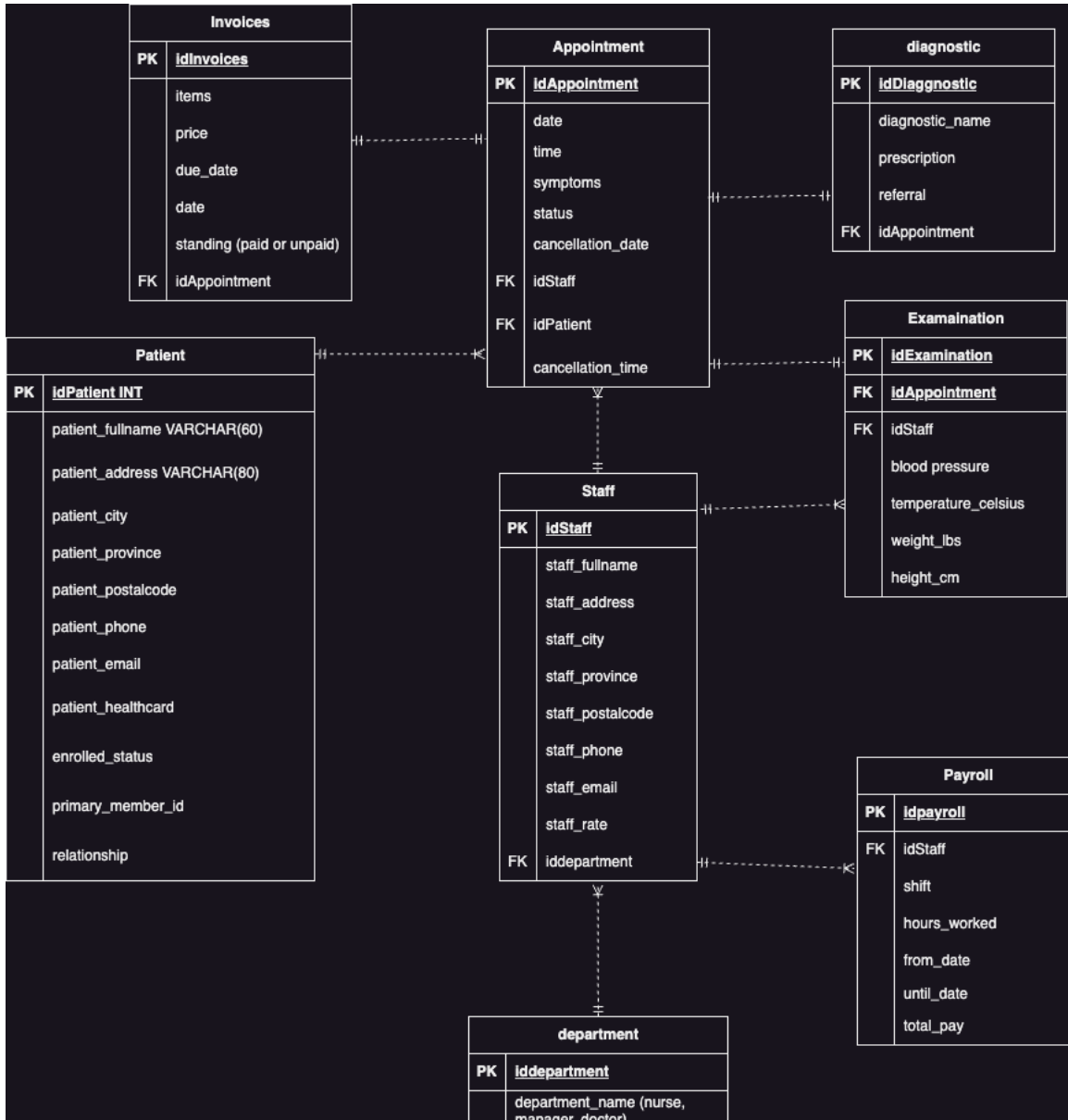# Group 30 Report
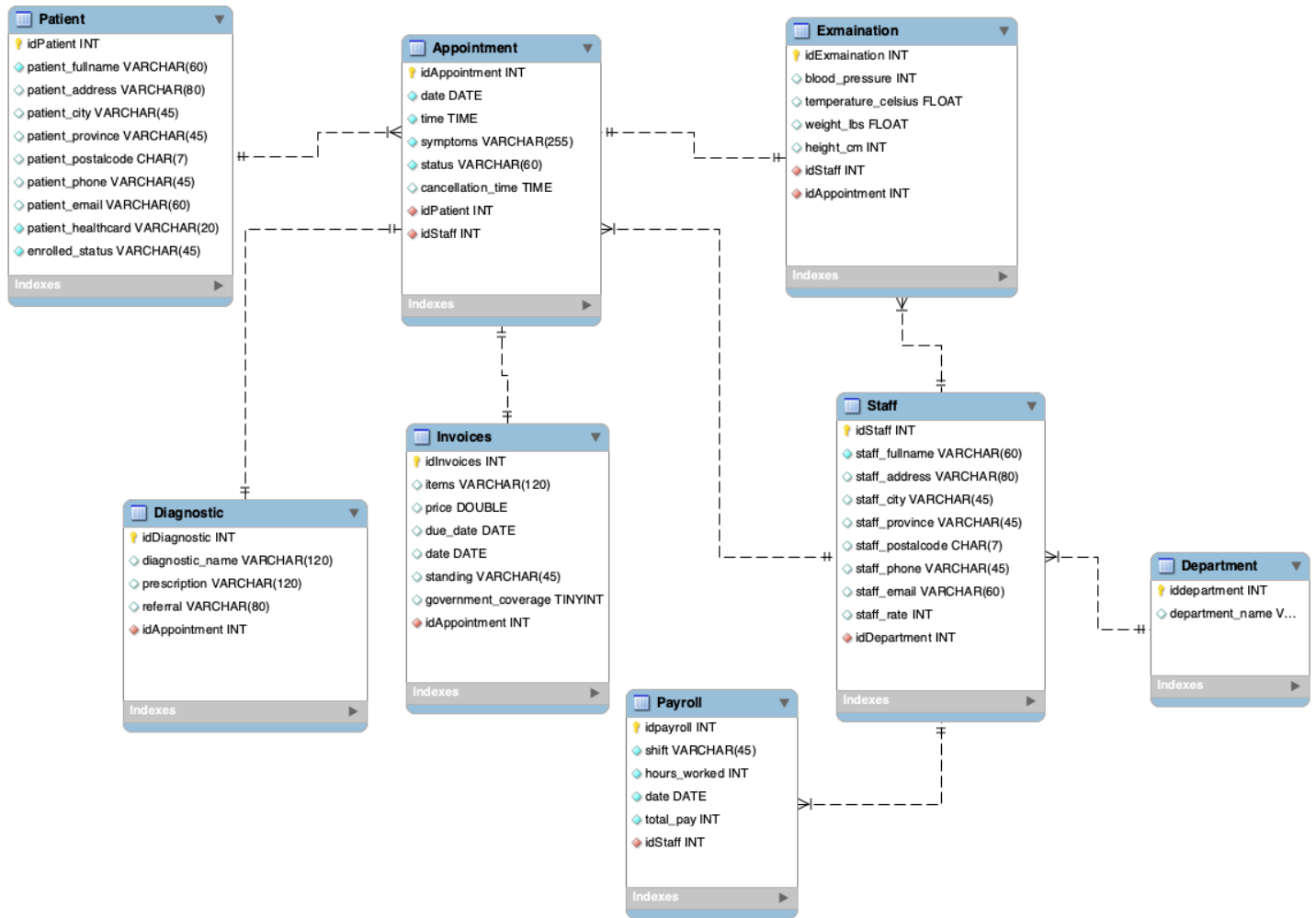
Oscar Piedrasanta Diaz – 101061602
Mobinasadat Zargary - 101472495
Valeria Arce – 101462436
Melina Behzadi Nejad – 101447858
Ramtin Abolfazli - 101419226
Arezoo Zadebrahim - 101446661

The CRN of all students is 80638

Conceptual Data Model

Invoices

PK	idInvoices
	items
	price
	due_date
	date
	standing (paid or unpaid)
FK	idAppointment

Appointment

PK	idAppointment
	date
	time
	symptoms
	status
	cancellation_date
FK	idStaff
FK	idPatient
	cancellation_time

diagnostic

PK	idDiaggnostic
	diagnostic_name
	prescription
	referral
FK	idAppointment

Examination

PK	idExamination
FK	idAppointment
FK	idStaff
	blood pressure
	temperature_celsius
	weight_lbs
	height_cm

Patient

PK	idPatient INT
	patient_fullname VARCHAR(60)
	patient_address VARCHAR(80)
	patient_city
	patient_province
	patient_postalcode
	patient_phone
	patient_email
	patient_healthcard
	enrolled_status
	primary_member_id
	relationship

Staff

PK	idStaff
	staff_fullname
	staff_address
	staff_city
	staff_province
	staff_postalcode
	staff_phone
	staff_email
	staff_rate
FK	iddepartment

Payroll

PK	idpayroll
FK	idStaff
	shift
	hours_worked
	from_date
	until_date
	total_pay

department

PK	iddepartment
	department_name (nurse, manager, doctor)

Logical/Physical ER model

Patient
- 🔑 idPatient INT
- ◇ patient_fullname VARCHAR(60)
- ◇ patient_address VARCHAR(80)
- ◇ patient_city VARCHAR(45)
- ◇ patient_province VARCHAR(45)
- ◇ patient_postalcode CHAR(7)
- ◇ patient_phone VARCHAR(45)
- ◇ patient_email VARCHAR(60)
- ◇ patient_healthcard VARCHAR(20)
- ◇ enrolled_status VARCHAR(45)

Indexes

Appointment
- 🔑 idAppointment INT
- ◇ date DATE
- ◇ time TIME
- ◇ symptoms VARCHAR(255)
- ◇ status VARCHAR(60)
- ◇ cancellation_time TIME
- 🔶 idPatient INT
- 🔶 idStaff INT

Indexes

Exmaination
- 🔑 idExmaination INT
- ◇ blood_pressure INT
- ◇ temperature_celsius FLOAT
- ◇ weight_lbs FLOAT
- ◇ height_cm INT
- 🔶 idStaff INT
- 🔶 idAppointment INT

Indexes

Diagnostic
- 🔑 idDiagnostic INT
- ◇ diagnostic_name VARCHAR(120)
- ◇ prescription VARCHAR(120)
- ◇ referral VARCHAR(80)
- 🔶 idAppointment INT

Indexes

Invoices
- 🔑 idInvoices INT
- ◇ items VARCHAR(120)
- ◇ price DOUBLE
- ◇ due_date DATE
- ◇ date DATE
- ◇ standing VARCHAR(45)
- ◇ government_coverage TINYINT
- 🔶 idAppointment INT

Indexes

Staff
- 🔑 idStaff INT
- ◇ staff_fullname VARCHAR(60)
- ◇ staff_address VARCHAR(80)
- ◇ staff_city VARCHAR(45)
- ◇ staff_province VARCHAR(45)
- ◇ staff_postalcode CHAR(7)
- ◇ staff_phone VARCHAR(45)
- ◇ staff_email VARCHAR(60)
- ◇ staff_rate INT
- 🔶 idDepartment INT

Indexes

Department
- 🔑 iddepartment INT
- ◇ department_name V...

Indexes

Payroll
- 🔑 idpayroll INT
- ◇ shift VARCHAR(45)
- ◇ hours_worked INT
- ◇ date DATE
- ◇ total_pay INT
- 🔶 idStaff INT

Indexes

Assumptions or Clarifications.

Schema is named in "group30schema" because when we named it "Group30Schema" we ran into a bug where it wouldn't let us export our schema. We are not sure if this is only for mac users but from what we saw online it was only reported by mac users.

In Question 8 of the query the husband and wives are not related to each other that's the reason why they have different primary member id's.