Database Documentation

Gym Management System

[bioinformatics]

Sara sameh mousa – 2018170748

Doaa Amr Mohammed – 2018170738

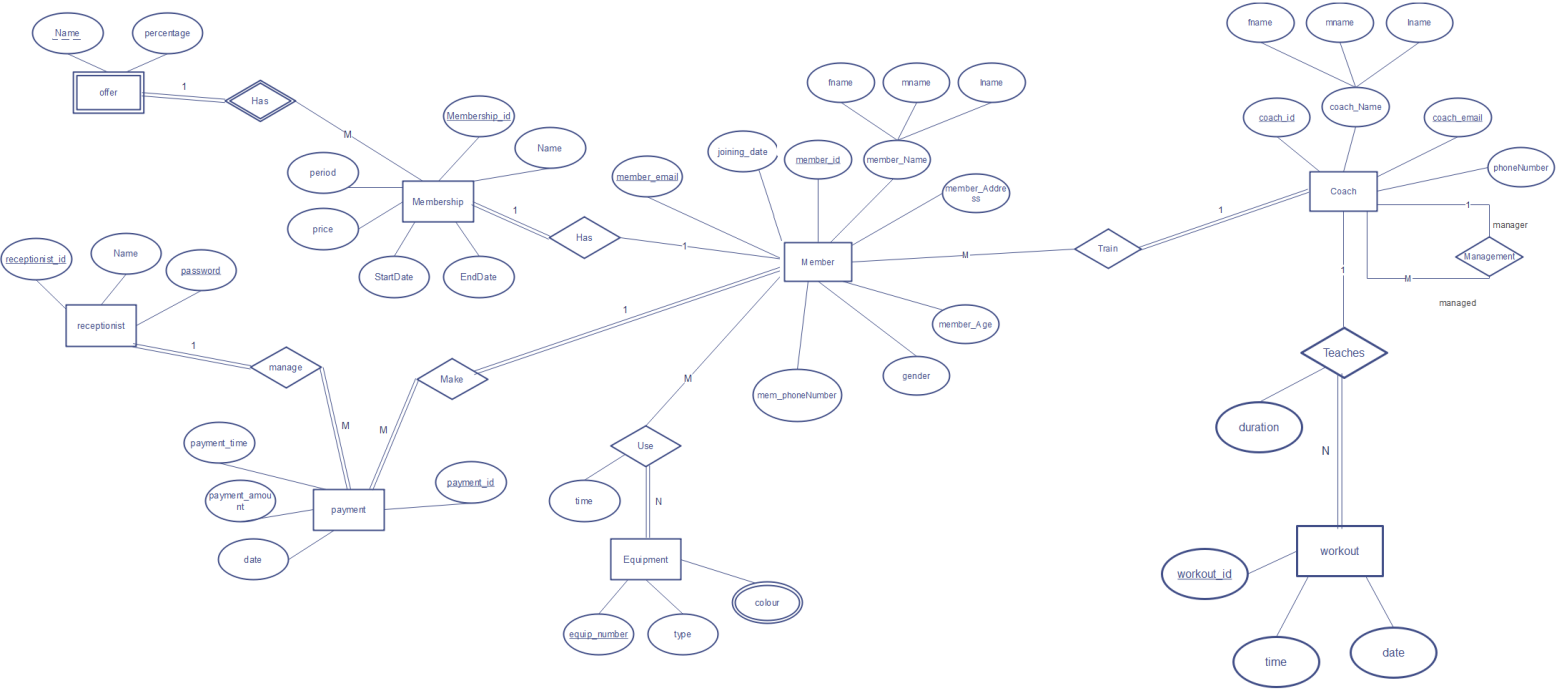Sara Sayed Ahmed – 2018170749

Shrouk Khaled Mohamed – 2018170765

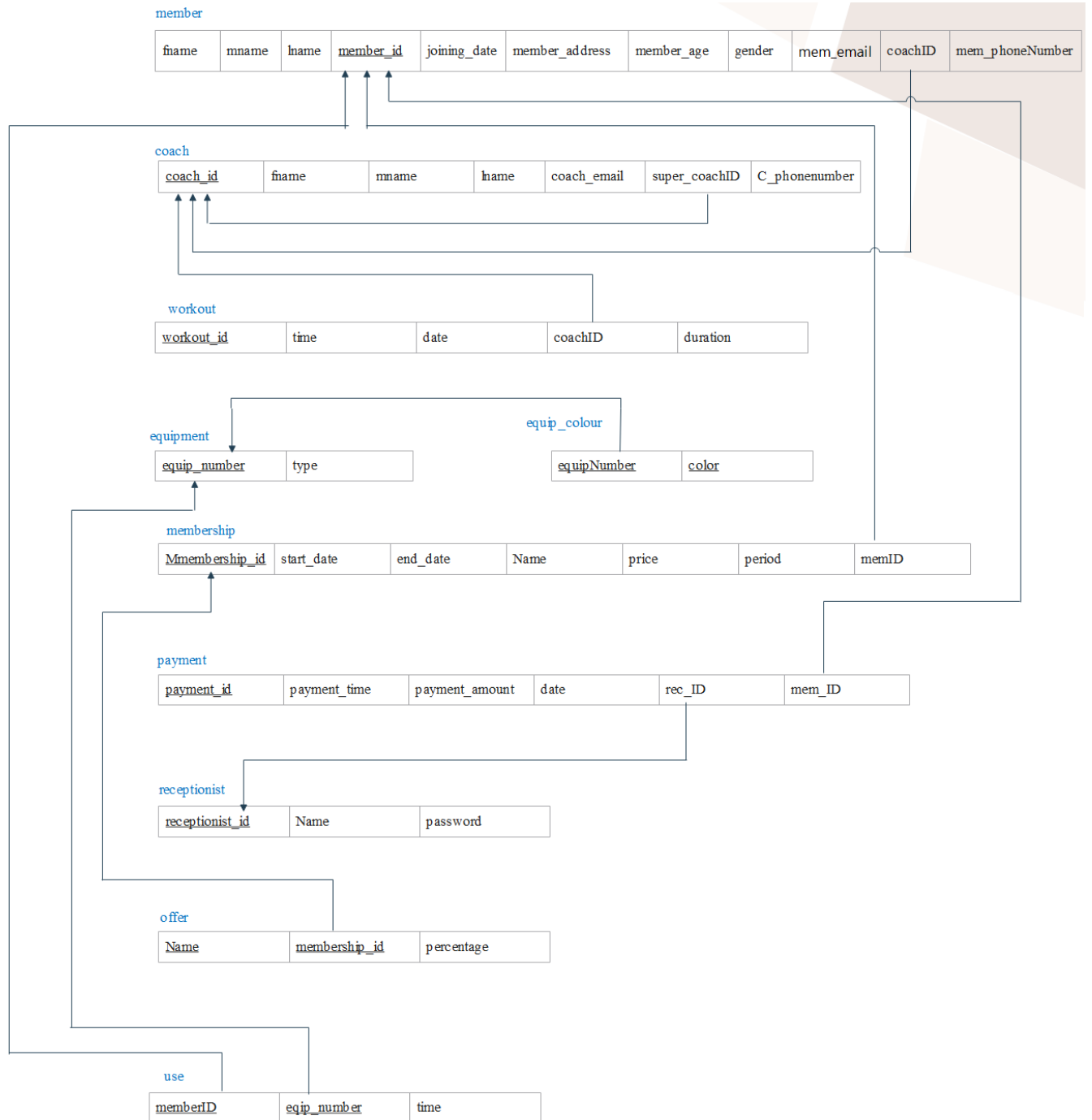Esraa Salah El-deen Emam – 2018170712

Database documentation

- Each **member** has a unique id, name (first, middle, last),, gender, address, age, phone number, unique email, and joining date. Some members have a membership and some don't have. Each member can has one coach and can use many equipments, and can do one or more payment.

- The **membership** has a unique id, name, start date, end date, price, and period. Each membership has one member and may has one offer

- **Equipment** has unique number , type , color, time , And each quipment is used by many members at specific time. One quipment can have many colors

- Each **payment** has amount, date, time and a unique id. Each payment is made by one member and managed by a receptionist.

- **Receptionist** has unique id, name and password. Each receptionist manage some payments.

- **Offer** has a name and percentage. Each offer is made on a number of memberships.

- Each **Coach** has Name (first, middle, last),Unique ID,unique Email , Phone Number, Coach can be manager at the same time . Each Coach can teach more than one workout at different duration; Where each **workout** should be specified by Id and specific time and date during month, where each workout should have one coach

Phase 1:

ERD

Schema:

member

fname	mname	lname	member_id	joining_date	member_address	member_age	gender	mem_email	coachID	mem_phoneNumber

coach

coach_id	fname	mname	lname	coach_email	super_coachID	C_phonenumber

workout

workout_id	time	date	coachID	duration

equipment

equip_number	type

equip_colour

equipNumber	color

membership

Mmembership_id	start_date	end_date	Name	price	period	memID

payment

payment_id	payment_time	payment_amount	date	rec_ID	mem_ID

receptionist

receptionist_id	Name	password

offer

Name	membership_id	percentage

use

memberID	eqip_number	time

Phase 2:

Home Page:

Connected Mode:

Disconnected Mode:

MEMBER_ID	F_NAME	M_NAME	L_NAME	E_MAIL	JOINING_DATE	ADDRESS	AGE
1	shrouk	khaled	mohamed	shrouk.yahoo	5/7/2020	nasrcity	21
7	yasmeen	ahmed	ibraheem	yasmeen.yahoo	6/4/2019	rehab	22
9	amany	eyad	ramy	amany.yahoo	1/5/2021	masr el gededa	21
11	jana	ahmed	eslam	jana.yahoo	6/4/2019	rehab	23
12	yara	hady	ahmed	yara.yahoo	4/4/2021	hadayek	22
16	karma	yaser	kareem	karma.yahoo	6/4/2020	tagamo3	21

Minimum Age: 21

load information

save

First Report:

Second Report: