glasses

id	int[pk]
name	varchar
start_date	date
end_date	date
od_sph	float
od_cyl	float
od_axis	int
os_sph	float
os_cyl	float
os_axis	int
created_at	timestamp

article

id	int[pk]
title	varchar
body	varchar
resource_url	varchar

member

id	int
name	varchar
age	int
height	float
gender	gender
profile_pic	varchar
email	varchar
phone_number	varchar
daily_outdoor_hours	int
disease_history	disease[]
eye_check_data_list	eye_check_data[]
glasses_list	glasses[]
saved_articles	article[]
exercise_records	exercise_record[]
badge_records	badge_record[]
created_at	timestamp

eye_check_data

id	int
check_date	date
created_at	timestamp
pd	int
od_vau	float
od_vaa	float
od_sph	float
od_cyl	float
od_axis	int
os_vau	float
os_vaa	float
os_sph	float
os_cyl	float
os_axis	int

exercise_record

id	int
type	exercise_type
elapsed_time	time
date	date

badge

id	int
name	varchar
image_url	varchar
description	varchar

answer

id	int[pk]
title	varchar
body	varchar
answerer	id
approved	boolean

badge_record

id	int
badge	badge
unlocked_at	timestamp

question

id	int[pk]
title	varchar
body	varchar
tags	question_tag[]
asker	id
answer	id
approved	boolean

cognito_professional_user

id	varchar
email	varchar
password	varchar
professional_user	int
created_at	timestamp

professional_user

id	int
name	varchar
phone_number	varchar
linked_family_users	family_user[]
created_at	timestamp

family_user

id	int
name	varchar
members	int[]
contact_person	int
created_at	timestamp

cognito_family_user

id	varchar
email	varchar
password	varchar
family_user	int
created_at	timestamp

glasses

id	int[pk]
name	varchar
start_date	date
end_date	date
od_sph	float
od_cyl	float
od_axis	int
os_sph	float
os_cyl	float
os_axis	int
created_at	timestamp

eye_check_data

id	int
check_date	date
created_at	timestamp
pd	int
od_vau	float
od_vaa	float
od_sph	float
od_cyl	float
od_axis	int
os_vau	float
os_vaa	float
os_sph	float
os_cyl	float
os_axis	int

member

id	int
name	varchar
age	int
height	float
gender	gender
profile_pic	varchar
email	varchar
phone_number	varchar
daily_outdoor_hours	int
disease_history	disease[]
eye_check_data_list	eye_check_data[]
glasses_list	glasses[]
saved_articles	article[]
exercise_records	exercise_record[]
badge_records	badge_record[]
created_at	timestamp

article

id	int[pk]
title	varchar
body	varchar
resource_url	varchar

badge

id	int
name	varchar
image_url	varchar
description	varchar

answer

id	int[pk]
title	varchar
body	varchar
answerer	id
approved	boolean

exercise_record

id	int
type	exercise_type
elapsed_time	time
date	date

badge_record

id	int
badge	badge
unlocked_at	timestamp

question

id	int[pk]
title	varchar
body	varchar
tags	question_tag[]
asker	id
answer	id
approved	boolean

cognito_professional_user

id	varchar
email	varchar
password	varchar
professional_user	int
created_at	timestamp

professional_user

id	int
name	varchar
phone_number	varchar
linked_family_users	family_user[]
created_at	timestamp

family_user

id	int
name	varchar
members	int[]
contact_person	int
created_at	timestamp

cognito_family_user

id	varchar
email	varchar
password	varchar
family_user	int
created_at	timestamp

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```
Enum question_tag{
  eye_health
  tips
  newborn
  screen_time
  eye_check
}


Enum exercise_type{
  20-20-20
  Blink break
  Plams
  Figure 8
}


Enum disease {
  cataract
  diabetic_retinopathy
  glaucoma
  amblyopia
  strabismus
}


Enum gender {
  Male
  Female
  N/A
}
```