

1122資料庫系統 期末專題

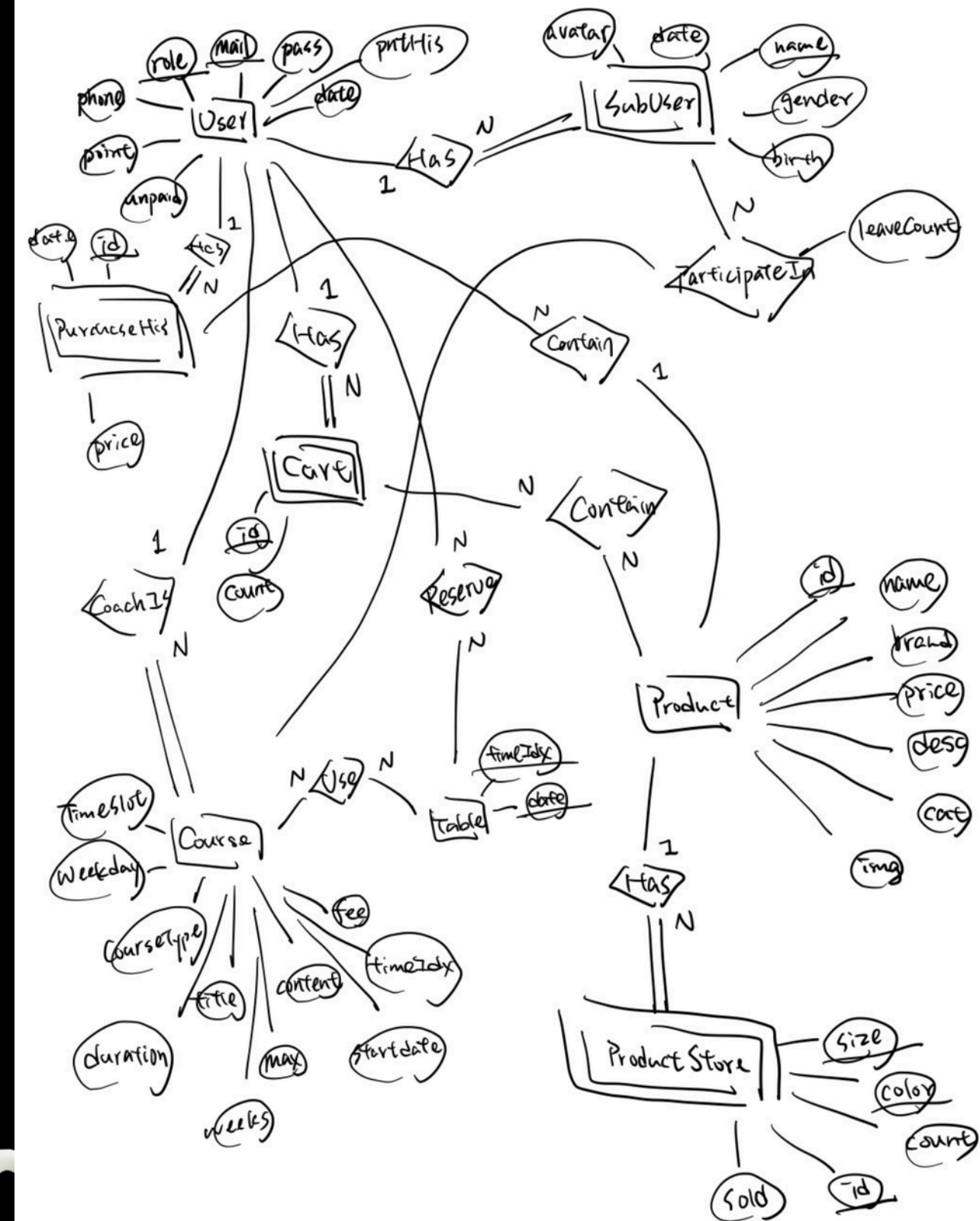
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桌球場管理系統

- 場地預約
- 課程安排
- 線上購物(運動用品)
- 商品庫存管理
- 主/從會員管理



核心架構

1. Auth
2. Announcements
3. Activities
4. Courses
5. Products
6. Users/Carts
7. Users/Courses
8. Users/Reserves






Auth

1. Register User
2. Login User



Announcements

- 1. create a new Announcement**
 - 2. modify an Announcement**
 - 3. get Announcement list**
 - 4. get certain Announcement's information**
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Activities

1. **create a new Activity**
2. **modify an Activity**
3. **get Activities list**
4. **get certain Activity's information**



Courses

1. **create a new Course**
 2. **modify an Course**
 3. **delete a Course by given Course_ID**
 4. **get all Courses list**
 5. **get certain Course's information**
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Products

1. **create a new Product**
2. **add information of a specific Product**
3. **delete a Product by given Product_ID**
4. **delete a Product by given Product_ID & Store_ID**
5. **get all Products list**
6. **get certain Product's information**



Carts (Users)

1. **create a new Cart**
 2. **delete a Cart by given Cart_ID**
 3. **add Product to Cart**
 4. **remove Product from Cart**
 5. **list all Carts**
 6. **list all Product from given Cart_ID**
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Course(Users)

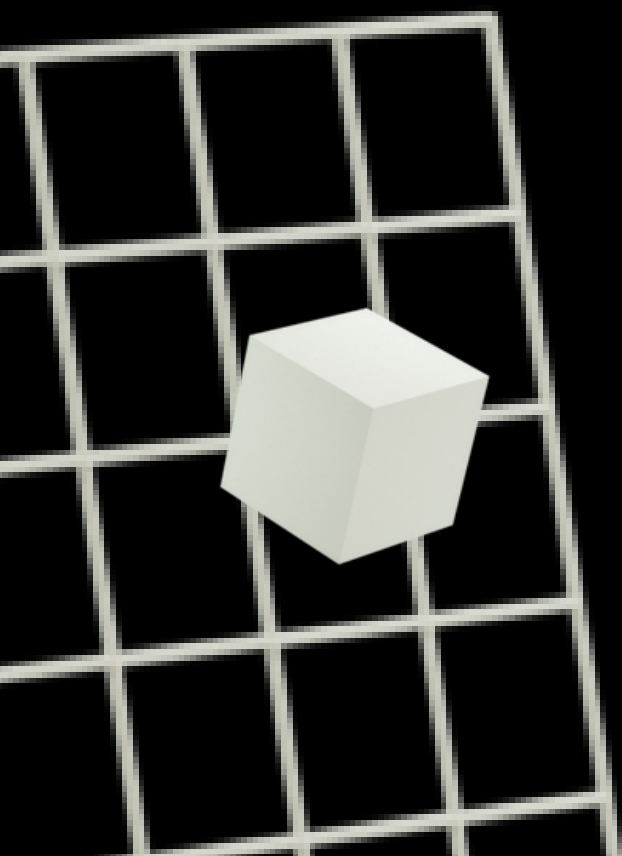
1. subUser add a Course
2. Course leave
3. subUser remove a Course
4. list all Courses for the User




Reserves (Users)

- 1. get all reservation given the specific limitation**
 - 2. get all reservation of the User**
 - 3. Reserve a table for User**
 - 4. Cancel a table reservation**
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Demo





分工表

系統功能分析：張宛琪

ER Model：大家一起做

資料庫基建：蘇胤翔、梁栢睿 (PostgreSQL、Docker)

純前端：潘煜智、梁栢睿 (React、next.js)

純後端：李胤寬、李承恩、蘇胤翔 (Node.js、Express.js)

前後端：廖家樂、張宛琪 (React、next.js、Node.js、Express.js)

