



**NANYANG
TECHNOLOGICAL
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SC2207: Introduction to Databases

Lab 1 Submission

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The diagram illustrates a database schema for a system involving restaurants, mail services, retail shops, vouchers, users, and day packages. The entities and their attributes are as follows:

- Restaurant & Cafeterias**: name, ID, address, opening hours.
- Mail**: name, rating.
- Mail Chain**: name.
- Retail Shops**: ID, name, address, opening hours.
- Voucher**: type, status, VoucherID, discount amount.
- User**: email address, name, gender, monthly income, date of birth, home address, phone number, language, learned informat.
- DayPackage**: PackageID, date-time, price.

The relationships and their attributes are:

- In** (between Restaurant & Cafeterias and Mail)
- Belong to** (between Mail and Mail Chain)
- Used in** (between Mail and Retail Shops)
- Shopped-in** (between Mail and User)
- Visit** (between Mail and User)
- Library** (between Mail and DayPackage)
- complain** (between Restaurant & Cafeterias and User)
- Have** (between User and Voucher)
- Dined-in** (between User and Restaurant & Cafeterias)
- Related** (between User and User Preference)
- SignUp** (between User and DayPackage)
- recommend** (between User and DayPackage)

Additional attributes for relationships include: date-time, Money Spent, Status, ComplaintID, Details, reason, stars, and relationship.

Explanations

Write something...

Appendix

Appendix A: Individual Contribution Form

Full Name	Individual Contribution to Lab 1 Submission	Percentage of Contribution	Signature
Pu Fanyi	ER Diagram	14.29%	濮凡轶
Jin Qingyang	ER Diagram	14.29%	晋清扬
Qian Jianheng Oscar	ER Diagram	14.29%	Qian
Soo Ying Xi	ER Diagram	14.29%	So
Ting Ruo Chee	ER Diagram	14.29%	Ting Ruo Chee
Ye Yuhan	ER Diagram	14.29%	Ye Yuhan
Tang Yutong	ER Diagram	14.29%	唐毓童

Appendix B: Individual Contribution Form

Team member (full name)	Signature	Date	A or B*
Pu Fanyi	濮凡轶	13/Feb/2024	A
Jin Qingyang	晋清扬	13/Feb/2024	A
Qian Jianheng Oscar	Qian	13/Feb/2024	A
Soo Ying Xi	So	13/Feb/2024	A
Ting Ruo Chee	Ting Ruo Chee	13/Feb/2024	A
Ye Yuhan	Ye Yuhan	13/Feb/2024	A
Tang Yutong	唐毓童	13/Feb/2024	A

* Each team member should indicate either A or B:

- A. I affirm that my contribution(s) to the lab work is my own, produced without help from any AI tool(s).
- B. I affirm that my contribution(s) to the lab work has been produced with the use of AI tool(s).