# Relationship Data Dictionary

Student Name: Zhulin LYU Student ID: 24516605

Student Name: Student ID:

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| Relationship Name | Description | Aliases | Occurrence |
| hires | The clinic hires some surgeons | employ | The clinic hires a surgeon Dr. L. |
| assigns | The clinic assigns a client | N/A | When Simon first came this clinic, he assigned with it. |
| specializes | What does the surgeon specialize in | N/A | Dr. L specializes in eyesight-check, dry-eye treat etc. |
| gives | Most surgeons give a large number of services but not all of them. | provides | Dr. L gives some services, like finding the right power for the glasses and fitting contact lenses. |
| has | Each eye surgeon has one or two minor surgeries in which they work. | N/A | Dr. L has room 001 and room 002. |
| requires | A patient requires some treatment | N/A | Patient Peter requires eyesight-check. |
| schedules | When a patient requires some treatment, one or more appointments are scheduled | books | Peter scheduled an appointment with Dr. L in room 001 for treatment on 12/04 at 1:00 PM. |
| generates | An invoice is generated at the end of an appointment | N/A | At the end of Peter’s appointment, automatedly generated an invoice |
| identifies | Each of the invoice's include one to five lines that identify the services given during the appointment. | N/A | In this invoice, it identified Peter was supported 2 services (finding the right power for the glasses and fitting contact lenses) |
| sends | Sending bills to a customer | N/A | Peter’s bill is sent to Simon. |
| responds | A customer is responsible for one or more patients | N/A | Simon is responsible for Peter |
| pays | A customer is paying for patient’s treatment. | N/A | Simon is paying Peter's bill |