

Relationship Data Dictionary

Student Name: Zhulin LYU

Student ID: 24516605

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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, automatically 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