

Relationship-entity Data Dictionary

Student Name: Zhulin Lyu
Student Name:

Student ID: 24516605
Student ID:

Entity Name	Multiplicity	Relationship	Multiplicity	Entity Name
Clinic	1..1	hires	1..*	Surgeon
Clinic	1..1	assigns	0..*	Client
Surgeon	1..*	specializes	1..*	Treatment
Surgeon	0..*	has	1..2	Room
Surgeon	1..*	gives	1..*	Service
Patient	0..*	requires	1..*	Treatment
Patient	1..1	schedule	1..1	Surgeon
Patient	1..1	schedule	1..1	Room
Patient	1..1	schedule	1..*	Appointment
Appointment	1..1	generates	1..1	Invoice
Invoice	0..*	identifies	1..5	Service
Invoice	1..1	sends	1..1	Bill
Customer	1..1	pays	0..*	Bill
Customer	1..1	responds	0..*	Patient