# Entity Data Dictionary

Student Name: Zhulin Lyu Student ID: 24516605

Student Name: Student ID:

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| Entity Name | Description | Aliases | Occurrence |
| Clinic | The Sharp Vision Eye Clinic | The Sharp Vision Eye Clinic | The Sharp Vision Eye Clinic |
| Surgeon | A doctor who work in this Clinic | Eye surgeon | Dr. L is a surgeon. |
| Room | A room for treat patients. | Treatment room | Room 001 is for treating eyesight-check. |
| Client | A client when they first become associated with the clinic | N/A | Simon came to this Clinic . |
| Customer | A customer is responsible for paying the bills for one or more patients | payer | Simon as a customer who has some bills need to pay. |
| Patient | Someone who needs to be treated | N/A | Peter is a patient who cannot see clearly. |
| Treatment | What kind of treatment dose patient need. | N/A | Peter needs eyesight-check. |
| Service | A several services in the clinic can provide. | N/A | After eyesight-check , Peter wants to find the right power for the glasses or fitting contact lenses. |
| Appointment | When a patient requires some treatment, one or more appointments are scheduled. | N/A | Peter makes an appointment for eyesight-check. |
| Invoice | Including treatment history and the customer bill, create at the end of an appointment | Treatment history | After Peter completed his appointment, an invoice was generated. |
| Bill | How much about this whole treatment. Created at the end of an appointment. | N/A | After this treatment, the bill is sent to Simon, the amount is $55.0. |