name address <u>id</u> Supplier reg_no location unit_cost Supplies total_cost Department Stores Medication Category Medication address contact_no **Employee** hire_date termination_date reg_no Prescripted Medication date_time Sales Associate **Pharmacist** Diagnose Has details **Diagnosis Report** name date_time <u>code</u> name Condition **Direct Purchase** details date_time <u>id</u> total_cost (Dispenses qty <u>id</u> **Patient** name Purchases dob Has Recieves Delivery address date_time

Mappings

1. department(<u>id</u>, name)

4. shelf(<u>id</u>, location)

Assumptions

5. Medication has a name

hire_date, department)

3. medication_category(<u>id</u>, name)

8. patient(<u>id</u>, name, dob, email)

5. medication(<u>id</u>, name, category,shelf)

6. suppplier(<u>id</u>, name, address, contact_no, reg_no)

11. diagnosis_report_condition(<u>report, condition</u>)

13. prescription_medication(<u>prescription, medication</u>)
14. dispense(<u>medication, patient</u>, qty, date_time)
15. direct_purchase(<u>id</u>, patient, date_time, total_cost)

12. prescription(id, pharmacist, diagnosis)

17. delivery(<u>id</u>, patient, date_time, address)18. delivery_medication(<u>medication, delivery</u>, qty)

Employee belongs to one department
 Medication belongs to one category

3. Medication can be stored in one shelf4. Email field is recorded for patient

6. Each supply contains only one medication

 $2.\ employee(\underline{\textit{id}}, name, address, contact_no, status, reg_no, termination_date,$

7. supply(<u>medication, supplier</u>, qty, unit_cost, total_cost, date_time)

9. condition_report(<u>id</u>, name, details, date_time, **pharmacist**, **patient**)

10. diagnosis_report(**code**, name, details, date_time, **pharmacist**)

16. direct_purchase_medication(<u>medication, direct_purchase</u>, qty)