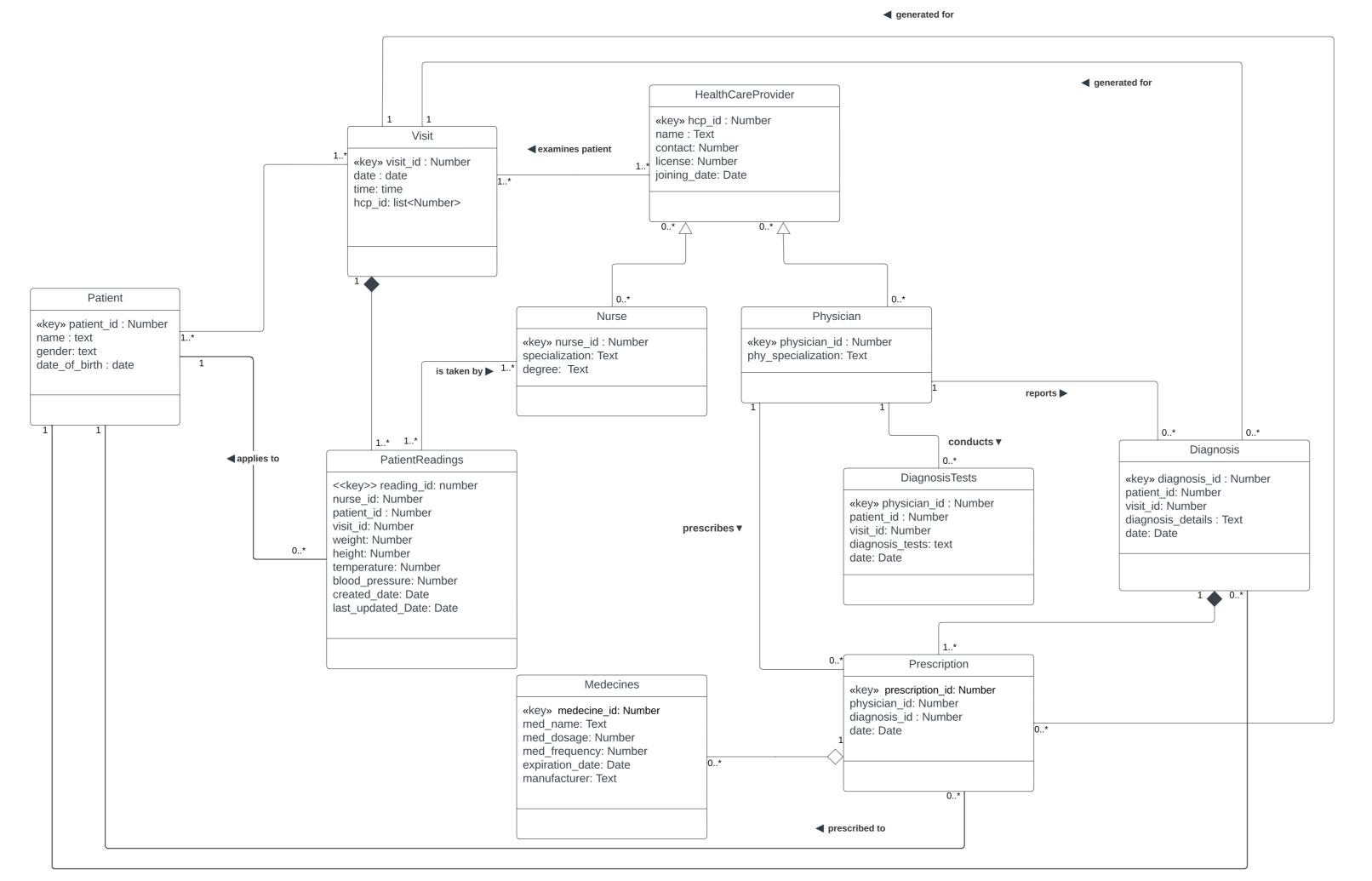
CS5200: ASSIGNMENT 2: DATA MODELING UML DIAGRAM FOR MEDITRACK LLC

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■ prescribed to

List Of Assumptions:

- 1. A patient can give multiple visits.
- 2. During each visit, a nurse will record patient readings
- 3. Health Care providers consists of following 2 types:
- a. Nurses records patient 's height, weight, etc.
- b. Physicians diagnoses and prescribes patients
- 4. Patient can be assigned no prescriptions (a scenario where patient was diagnosed to be fit)
- 5. There can be a scenario where physician does not need to conduct any test.
- 6. If a prescription exists, it needs to have atleast one medecine prescribed on it
- 7. Physician generates the Diagnosis and prescribes the prescriptions to Patient

Note:

Generalization

- HealthCareProvider has two subclasses nurse and physician

Aggregation

- Prescription is an aggregation of drugs

Composition

- -Prescription cannot exist without diagnosis
- -Patientreadings cannot exist without Visit

Association

-Examples of Patient - Visit, Visit-HealthCareProvider, Physician-DiagnosisTests etc