



CSE488

Ontologies and semantic web

Project (RDF graph)

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Classes

- **Person**
- **Doctor**
- **Patient**
- **Receptionist**
- **Pharmacist**
- **Department**
- **Operation**
- **Test**
- **Room**
- **Medicine**

Data properties

- **Person:** id, name, phone.
- **Doctor:** rank.
- **Patient:** age, gender.
- **Department:** department name.
- **Room:** number, ward name.
- **Test:** test name, test price.
- **Operation:** operation id, operation name, date, time.
- **Medicine:** medicine name, price, quantity, effective substance.

Object properties

- **Diagnose**
- **Member of**
- **Perform**
- **Undergo**
- **Take**
- **Claim**
- **Stay in**
- **Allocate**
- **Prescribe**

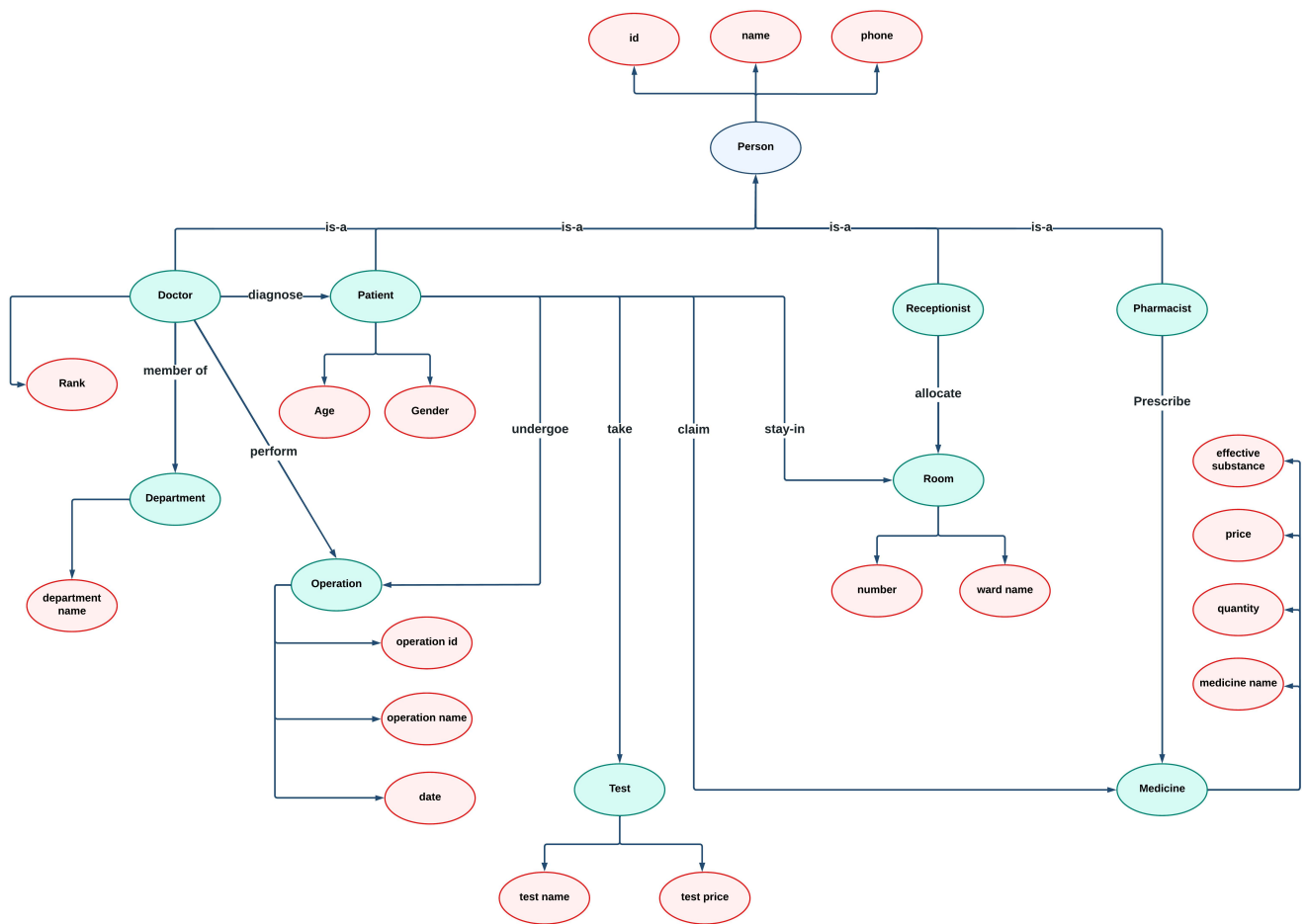


Figure 1: RDF graph