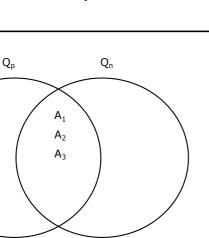| **Previous integration request** | **Incoming integration request** |

Q_p (disease?, doctor?; p_information!) :=
                            A_1 (disease?; p!),
                            A_3 (doctor?; p!),
                            A_2 (p?; p_information!),
                            {
                              availability > 97%,
                              response time < 3s,
                              price per call < 0.2$,
                              provenance = certified,
                              freshness = no,
                              total response time < 10s,
                              total cost < 5$
                            }

Q_p (disease?, doctor?; p_information!) :=
    A_1 (disease?; p!),
    A_3 (doctor?; p!),
    A_2 (p?; p_information!),
    {
      availability > 98%,
      response time < 2s,
      price per call < 0.2$,
      provenance = certified,
      freshness = no,
adds more restrict requirements →   veracity = trustworthy
      total response time < 10s,
      total cost < 5$
    }