```
Incoming integration request
                Previous integration request
Q<sub>n</sub> (disease?, doctor?; p information!) :=
                                                                      Q<sub>n</sub> (disease?, doctor?, hospital?; p information!) :=
                                   A_1 (disease?; p!),
                                                                                                          A_1 (disease?; p!),
                                    A_3 (doctor?; p!),
                                                                                                          A_3 (doctor?; p!),
                                    A_2 (p?; p information!),
                                                                                                          A_4 (hospital?; p!)
                                                                                                          A_2 (p?; p information!),
                                                                            more restrict requirement
                                      availability > 97%,
                                                                                                          availability > 98%,
                                      response time < 3s,
                                                                                                             response time < 3s,
                                                                             less restrict requirement
                                      price per call < 0.2$.
                                                                                                          price per call < 0.3$,</p>
                                      provenance = certified,
                                                                                                             provencance =certified.
                                      freshness = no,
                                                                                                             freshness = no,
                                      total response time < 10s.
                                                                                                             total response time < 10s.
                                      total cost < 5$
                                                                                                             total cost < 5$
```