```
Incoming integration request
                Previous integration request
Q<sub>p</sub> (disease?, doctor?; p_information!) :=
                                                                      O<sub>n</sub> (disease?, doctor?; p information!) :=
                                    A_1 (disease?; p!),
                                                                                                           A_1 (disease?: p!).
                                    A_3 (doctor?; p!),
                                                                                                           A_3 (doctor?; p!),
                                    A_2 (p?; p information!),
                                                                                                           A_2 (p?; p information!),
                                                                        less restrict requirement
                                                                                                          availability > 96%,
                                      availability > 97%.
                                                                        less restrict requirement
                                      response time < 3s,
                                                                                                           response time < 4s,</p>
                                      price per call < 0.2$.
                                                                                                             price per call < 0.2$.
                                      provenance = certified,
                                                                                                             provenance = certified,
                                      freshness = no,
                                                                                                             freshness = no,
                                      total response time < 10s.
                                                                                                             total response time < 10s.
                                      total cost < 5$
                                                                                                             total cost < 5$
```