```
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!),
                                                                                                           A1 (disease?; p!),
                                    A_3 (doctor?; p!),
                                                                                                           A3 (doctor?; p!),
                                    A_2 (p?; p information!),
                                                                                                           A2 (p?; p information!),
                                                                             more restrict requirement
                                      availability > 97%,
                                                                                                             availability > 98%,
                                      response time < 3s,
                                                                                                              response time < 3s,
                                                                              less restrict requirement
                                      price per call < 0.2$.
                                                                                                           \rightarrow price per call < 0.3$,
                                      provenance = certified,
                                                                                                              provencance =certified,
                                      freshness = no,
                                                                                                              freshness = no,
                                      total response time < 10s.
                                                                                                              total response time < 10s.
                                      total cost < 5$
                                                                                                              total cost < 5$
```