Previous integration request	*Incoming integration request*

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

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