Previous integration request	Incoming integration request
$\begin{split} Q_p \text{ (disease?, doctor?; p_information!) :=} & A_1 \text{ (disease?; p!),} \\ A_3 \text{ (doctor?; p!),} & A_2 \text{ (p?; p_information!),} \\ & \{ & \text{availability } > 97\%, \\ & \text{response time } < 3s, \\ & \text{price per call } < 0.2\$, \\ & \text{provenance = certified,} \\ & \text{freshness = no,} \\ & \text{total response time } < 10s, \\ & \text{total cost } < 5\$ \\ & \} \end{split}$	$Q_{n} \mbox{ (disease?, doctor?, hospital?; p_information!) :=} \\ A_{1} \mbox{ (disease?; p!),} \\ A_{3} \mbox{ (doctor?; p!),} \\ A_{4} \mbox{ (hospital?; p!)} \\ A_{2} \mbox{ (p?; p_information!),} \\ \\ \{ \\ availability > 97\%, \\ response time < 3s, \\ price per call < 0.2\$, \\ provenance = certified, \\ freshness = no, \\ total response time < 10s, \\ total cost < 5\$ \\ \}$
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