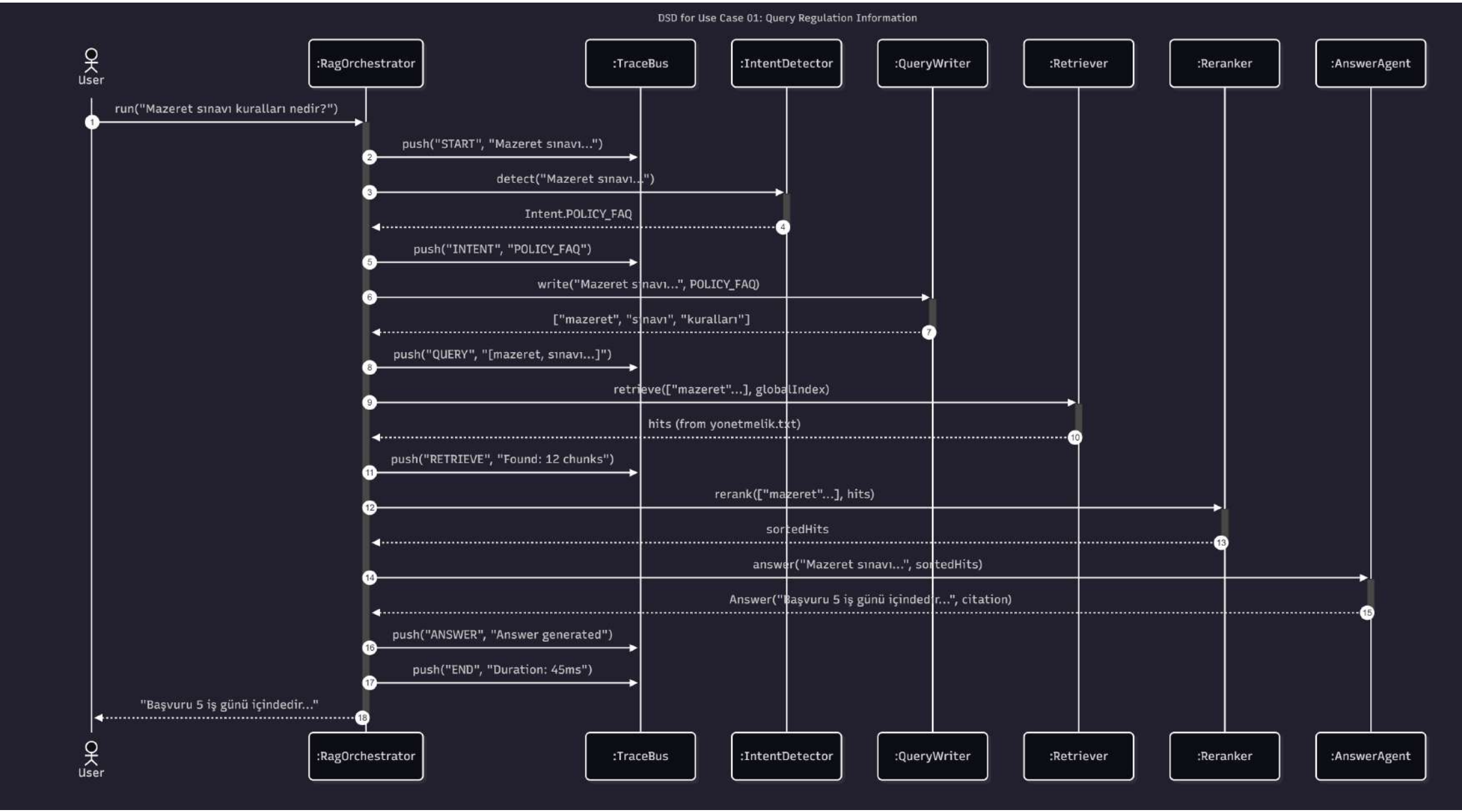
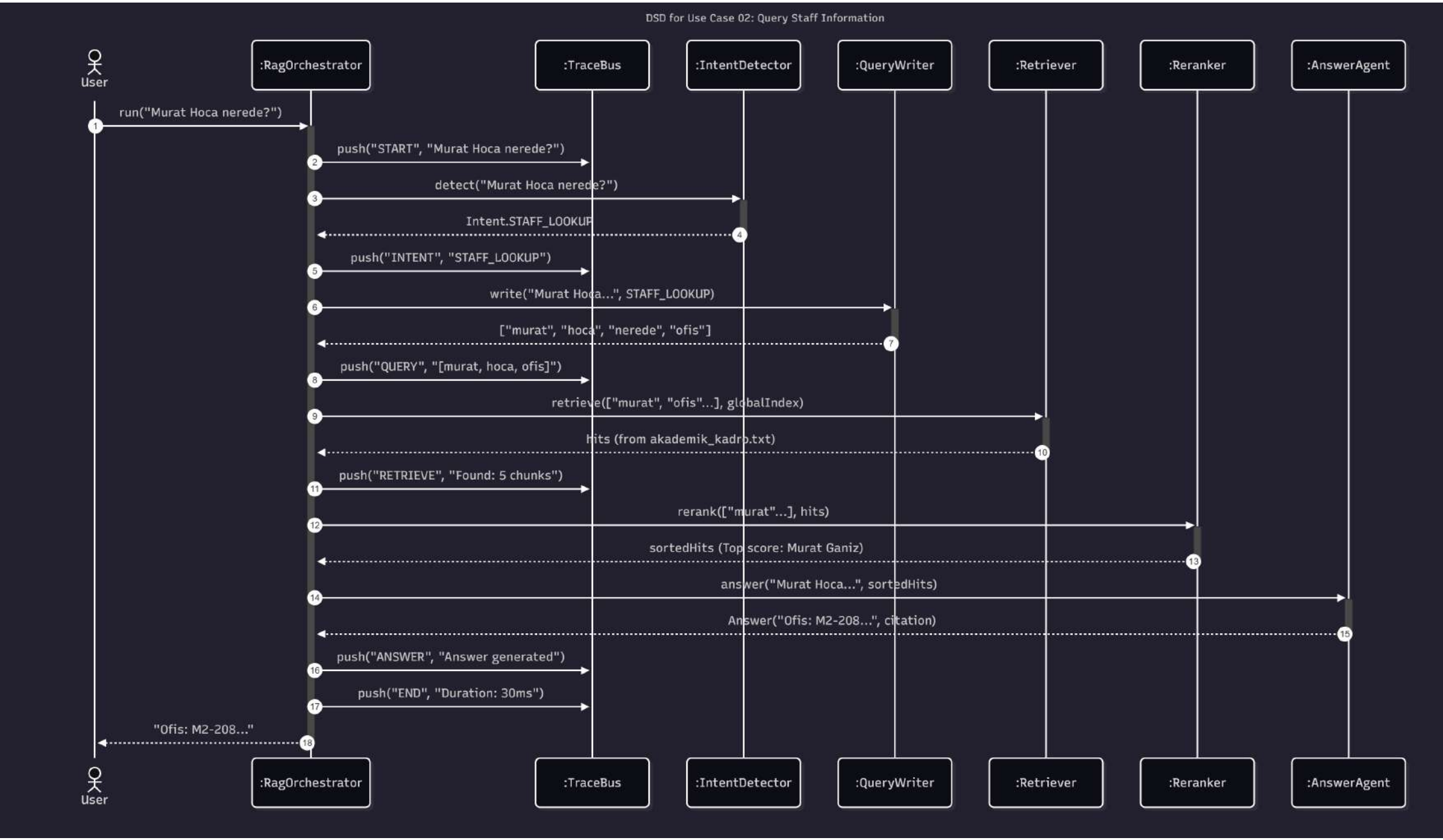

DSD for Use Case 01: Query Regulation Information
User
:RagOrchestrator
:TraceBus
:IntentDetector
:QueryWriter
:Retriever
:Reranker
:AnswerAgent
run("Mazeret sınavı kuralları nedir?")
push("START", "Mazeret sınavı...")
detect("Mazeret sınavı...")
Intent.POLICY_FAQ
push("INTENT", "POLICY_FAQ")
write("Mazeret sınavı...", POLICY_FAQ)
["mazeret", "sınavı", "kuralları"]
push("QUERY", "[mazeret, sınavı...]")
retrieve(["mazeret"...], globalIndex)
hits (from yonetmelik.txt)
push("RETRIEVE", "Found: 12 chunks")
rerank(["mazeret"...], hits)
sortedHits
answer("Mazeret sınavı...", sortedHits)
Answer("Başvuru 5 iş günü içindedir...", citation)
push("ANSWER", "Answer generated")
push("END", "Duration: 45ms")
"Başvuru 5 iş günü içindedir..."
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18


DSD for Use Case 02: Query Staff Information
User
:RagOrchestrator
:TraceBus
:IntentDetector
:QueryWriter
:Retriever
:Reranker
:AnswerAgent
run("Murat Hoca nerede?")
1
push("START", "Murat Hoca nerede?")
2
detect("Murat Hoca nerede?")
3
Intent.STAFF_LOOKUP
4
push("INTENT", "STAFF_LOOKUP")
5
write("Murat Hoca...", STAFF_LOOKUP)
6
["murat", "hoca", "nerede", "ofis"]
7
push("QUERY", "[murat, hoca, ofis]")
8
retrieve(["murat", "ofis"...], globalIndex)
9
hits (from akademik_kadro.txt)
10
push("RETRIEVE", "Found: 5 chunks")
11
rerank(["murat"...], hits)
12
sortedHits (Top score: Murat Ganiz)
13
answer("Murat Hoca...", sortedHits)
14
Answer("Ofis: M2-208...", citation)
15
push("ANSWER", "Answer generated")
16
push("END", "Duration: 30ms")
17
"Ofis: M2-208..."
18
User
:RagOrchestrator
:TraceBus
:IntentDetector
:QueryWriter
:Retriever
:Reranker
:AnswerAgent