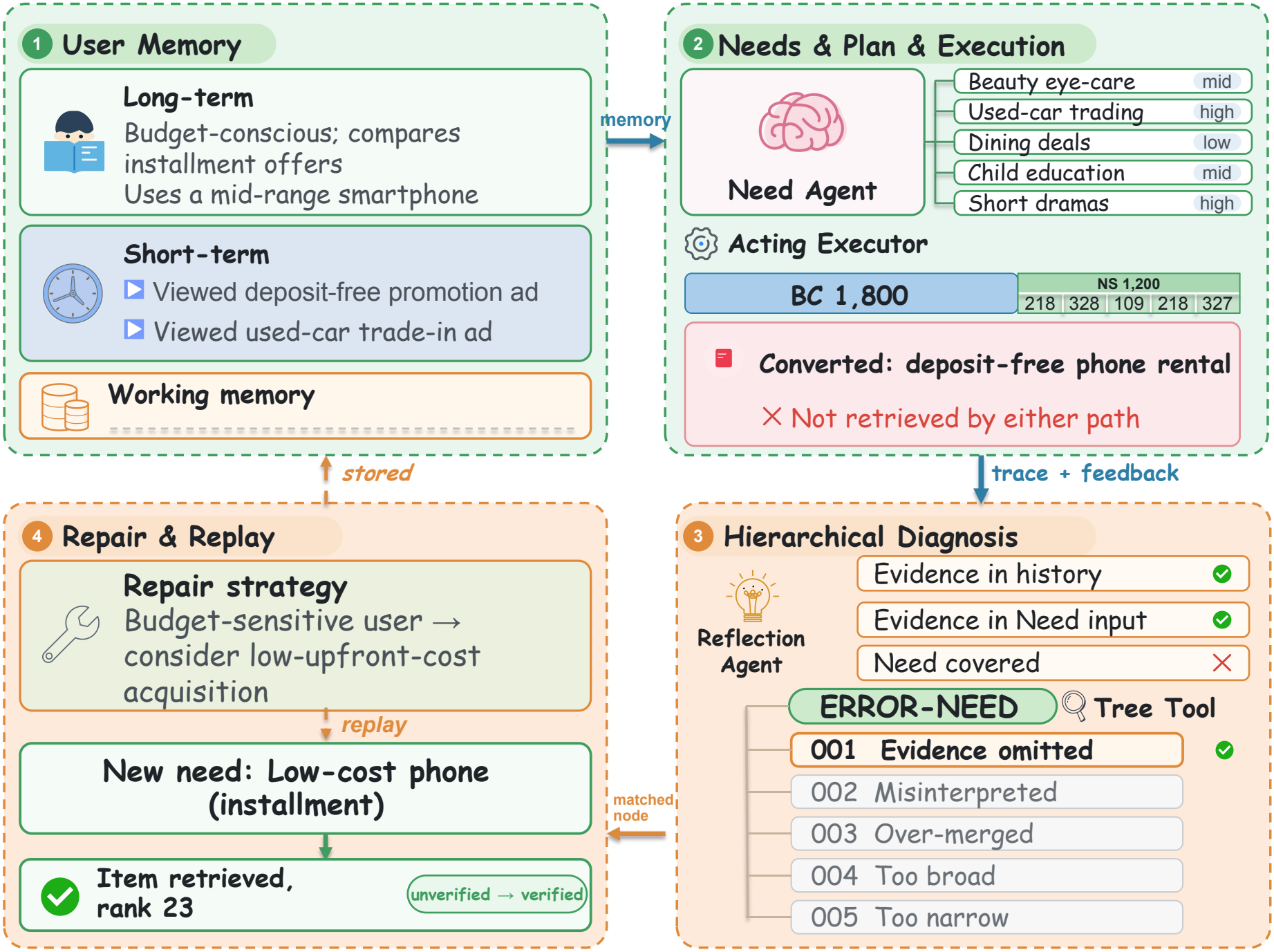

1 User Memory
Long-term
Budget-conscious; compares installment offers
Uses a mid-range smartphone
Short-term
Viewed deposit-free promotion ad
Viewed used-car trade-in ad
Working memory
memory
2 Needs & Plan & Execution
Need Agent
Beauty eye-care mid
Used-car trading high
Dining deals low
Child education mid
Short dramas high
Acting Executor
BC 1,800
NS 1,200
218 328 109 218 327
Converted: deposit-free phone rental
Not retrieved by either path
stored
trace + feedback
4 Repair & Replay
Repair strategy
Budget-sensitive user → consider low-upfront-cost acquisition
replay
New need: Low-cost phone (installment)
Item retrieved, rank 23
unverified → verified
matched node
3 Hierarchical Diagnosis
Reflection Agent
Evidence in history
Evidence in Need input
Need covered
ERROR-NEED
Tree Tool
001 Evidence omitted
002 Misinterpreted
003 Over-merged
004 Too broad
005 Too narrow