Database Operations Workflow

Visualizing the sequence of task execution and database communication protocols.

Database Concurrency Limit

Only one task may exist in the database at any given time. A new task cannot be inserted until the current task is processed or removed.

Command Expiration Policy

All tasks are assigned a 2-minute validity window. This measure prevents the execution of stale commands that may accumulate during server or vehicle connectivity interruptions.

TIME	TASK	COMPLETE
Today, 14:30	Unlock car	False

DELETE TASK

IF SPECIFIED

INSERT TASK

GET TASK

DICT

GET IS TASK COMPLETE

BOOL

MARK TASK COMPLETE