

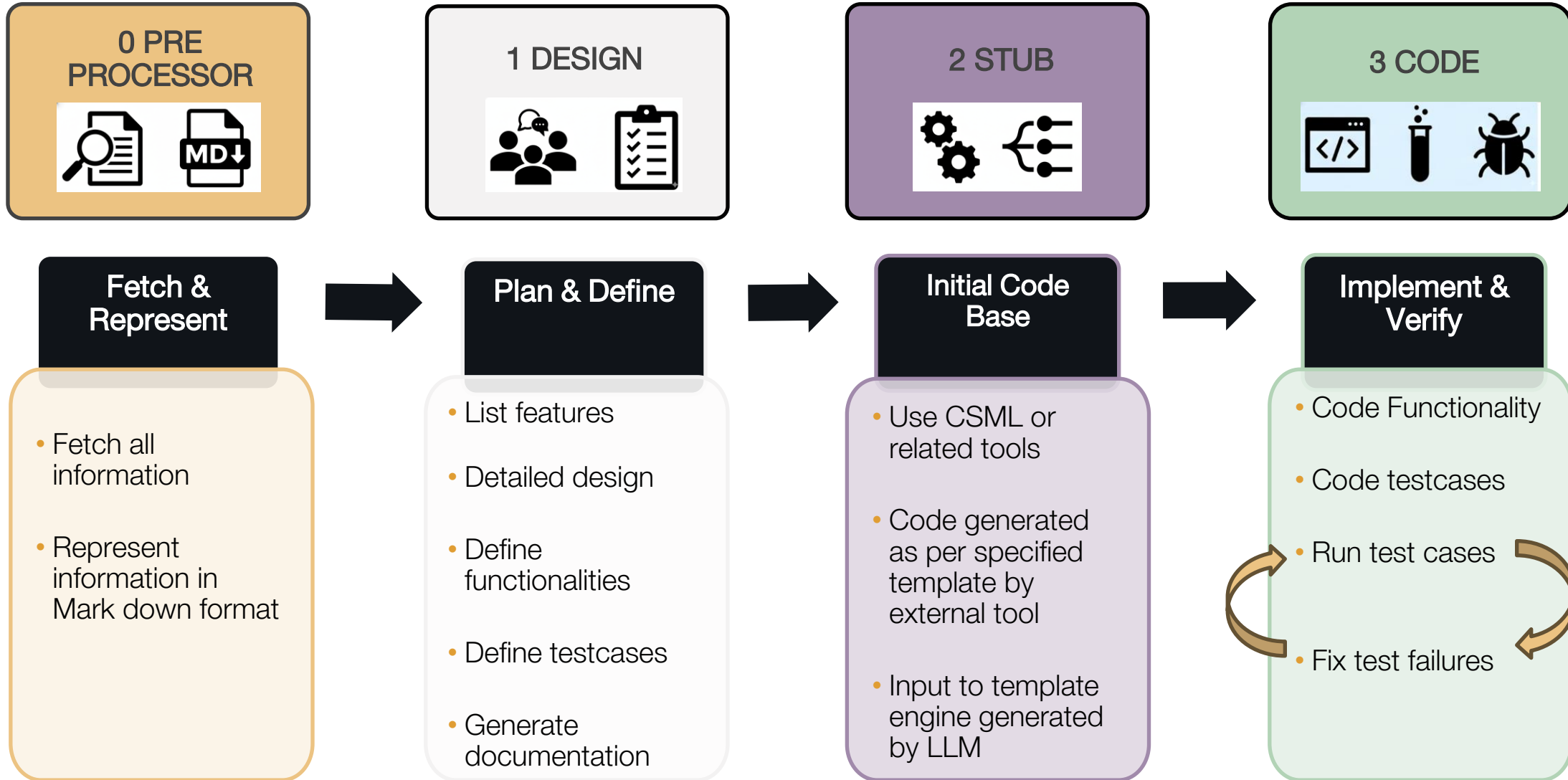
Tvastaa VP

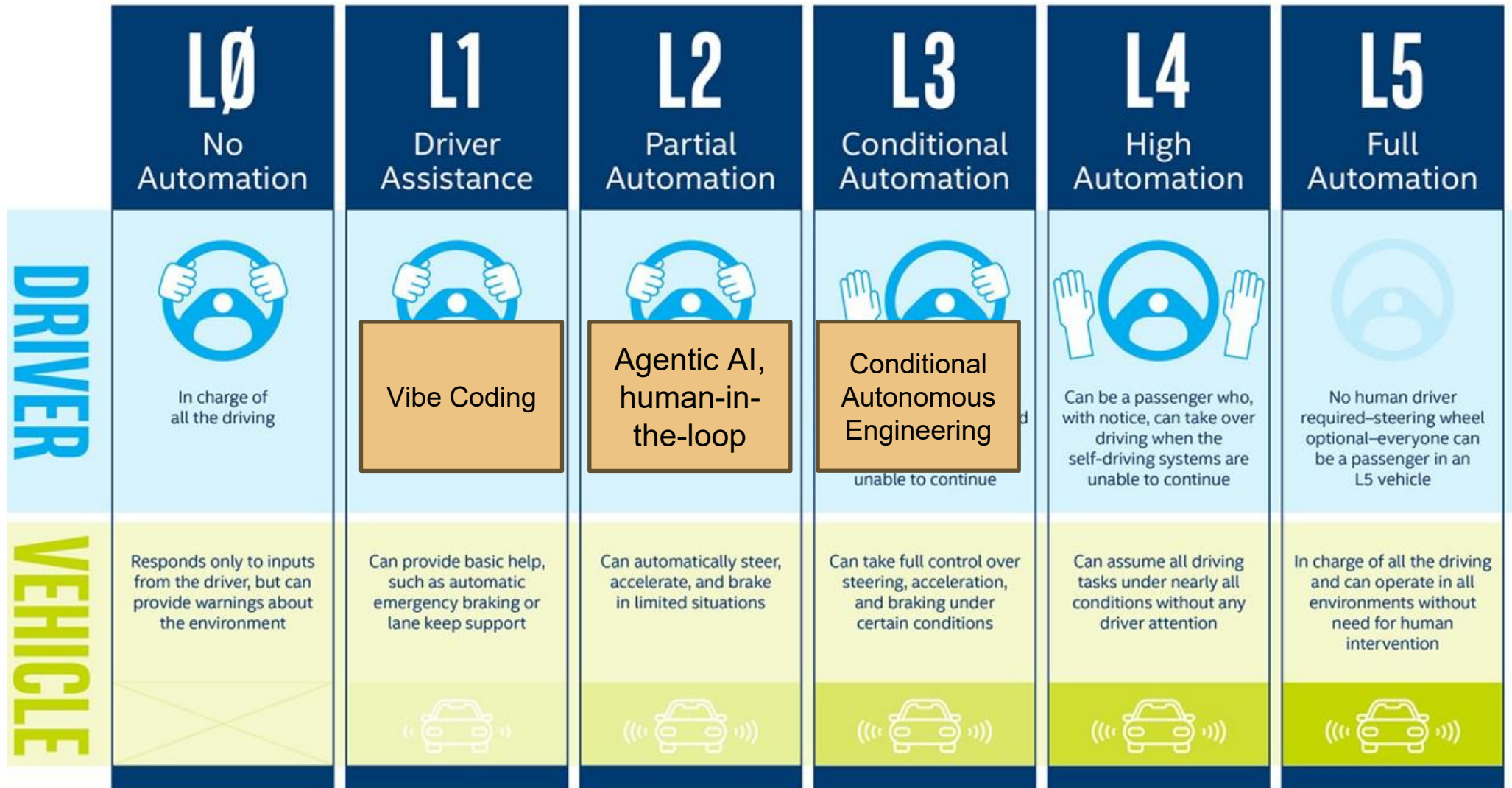
(twa - us - thaw - V.P)

Agentic AI for SystemC TLM Model Development



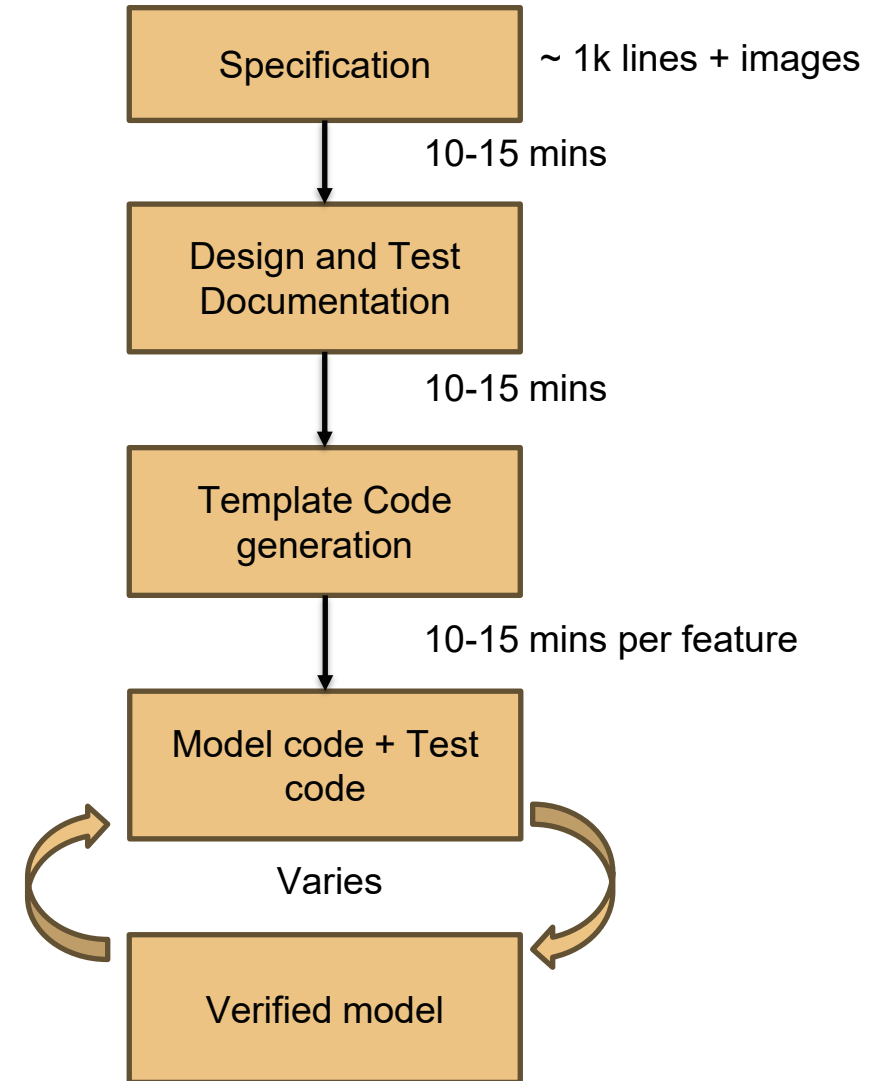
Tvastaa VP Interaction Modes





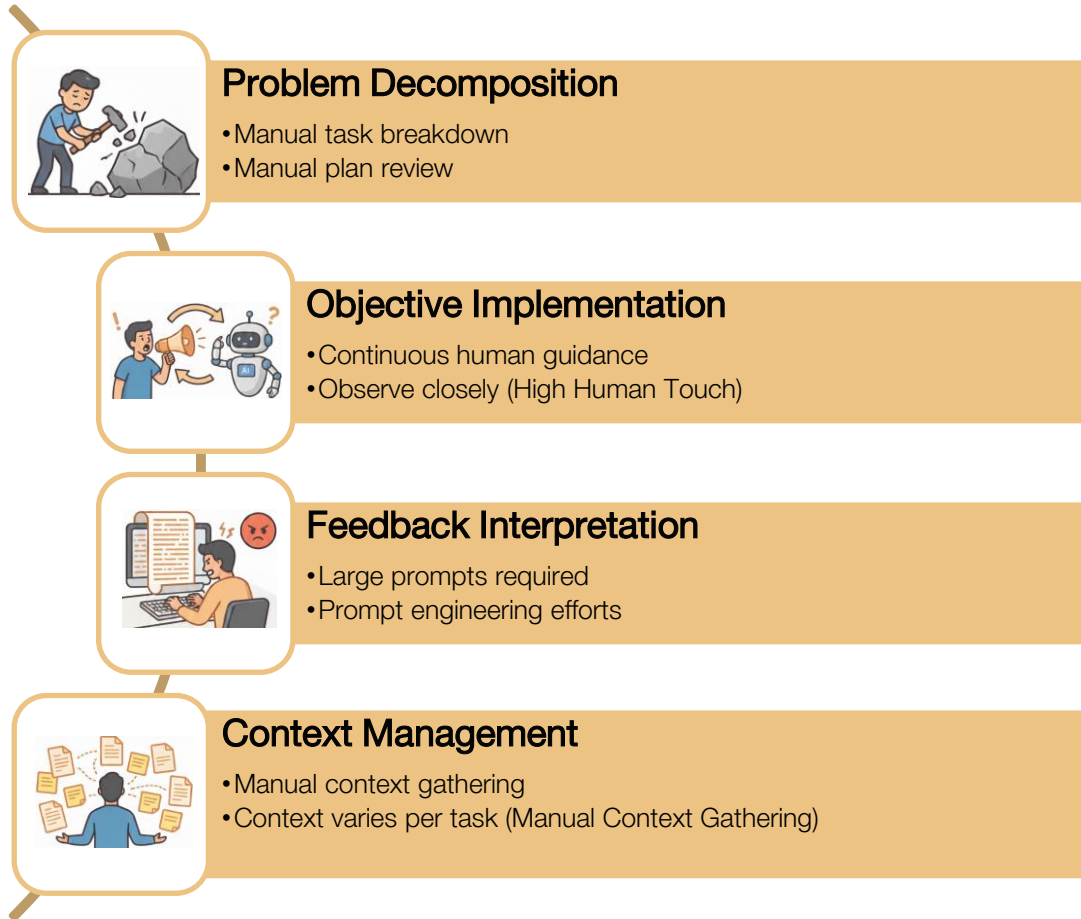
Our Demo today: HMAC

- SHA-2 hash-based authentication code generator
- Two modes: SHA-2 | HMAC based on SHA-2
- Multiple digest sizes supported (for both modes): SHA-2 256/384/512 hashing algorithm
- Configurable key length up to 1024-bit secret key for HMAC mode
- Support for context switching (via saving and restoring) across multiple message streams
- 32 x 32-bit message FIFO buffer

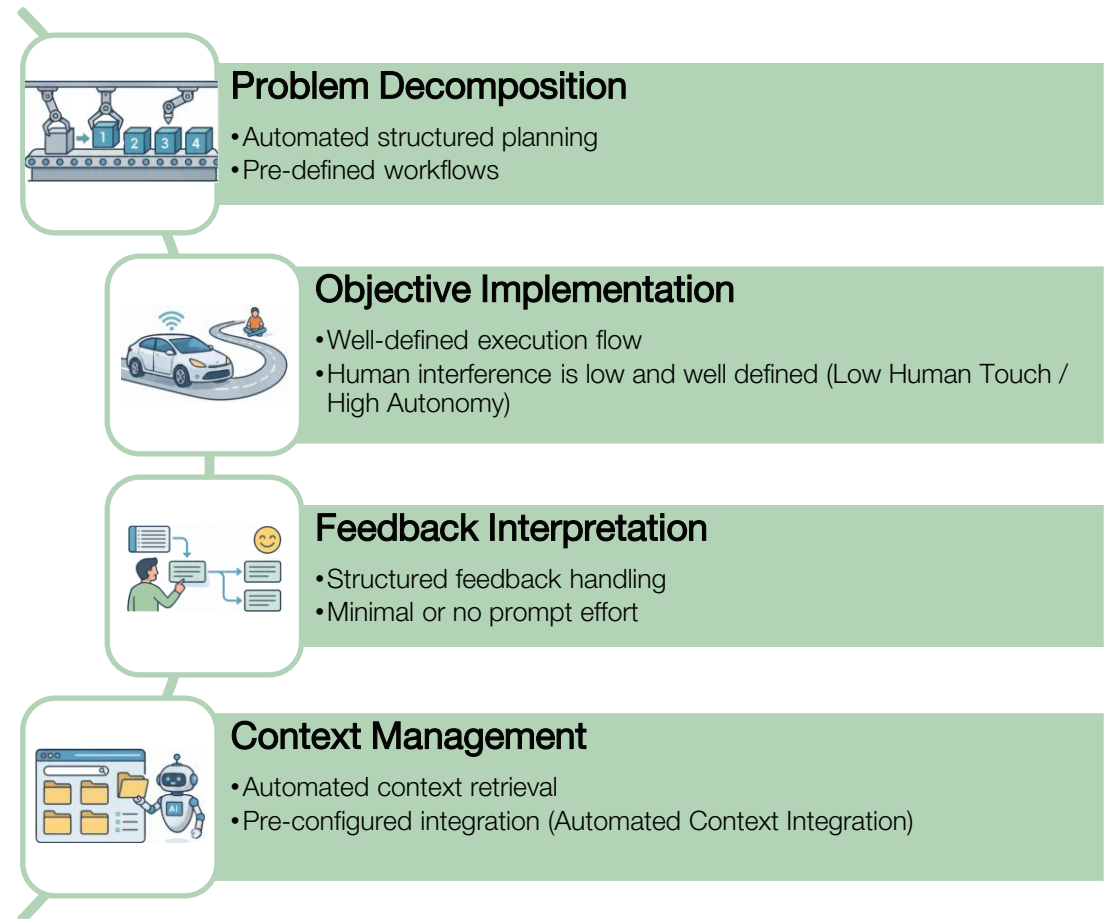


Comparison with Vibe Coding

VIBE CODING



Tvastaa VP AGENTIC WORKFLOW



★ **Tvastaa VP Agentic Workflows BEATS Vibe Coding**

Thank You
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