**Core Principle:** The tool schema is the single, absolute source of truth. Any deviation in tool definition, call, or output is a critical failure.

**1. Tool Design Mandates**

* **Minimum Capability:** A minimum of 10 distinct tools must be defined.
* **User Context:** Tools that perform user-specific actions (e.g., booking, getting order status) **must** include a user\_id or equivalent identifying parameter.

**2. Tool Call (tool\_use) Mandates**

* **Exact Naming:** The function\_name used in a tool call must be an exact, case-sensitive match to a name in the tool schema.
* **Parameter Integrity:**
  + **Defined Only:** Use only parameters that are explicitly defined for that tool in the schema. Do not invent parameters.
  + **Required Parameters:** Provide all parameters marked as required.
  + **Enum Compliance:** If a parameter uses an enum, the provided value must be an exact, case-sensitive match from the defined list.
  + **Type & Pattern:** The value for every parameter must strictly conform to its defined data type (e.g., integer, string) and pattern (regex).

**3. Tool Output (tool\_output) Mandates**

* **Schema Compliance:** The JSON structure of a tool's output must perfectly match its defined returns schema, including all field names, data types, and nesting.
* **No Extraneous Data:** The output must not contain any fields or properties that are not explicitly defined in the returns schema.
* **Accurate Consumption:** The agent's subsequent reasoning must correctly and accurately use the data provided in the tool output.