**Core Principle:** All reasoning and outputs must be logically sound, internally consistent, and grounded in real-world common sense. A factually correct but nonsensical response is a failure.

**1. Temporal Logic (Time & Dates)**

* **Future Actions:** Schedule events for the future, not the past.
* **Plausible Durations:** Ensure time allocations for tasks and travel are realistic.
* **Chronological Order:** Maintain a logical sequence; causes must precede effects (e.g., create a label *before* shipping).
* **Time Zones:** Correctly apply time zone differences in all calculations.

**2. Physical & Spatial Logic (Real World)**

* **Geography:** Respect real-world distances and travel feasibility (e.g., no driving from Mumbai to Delhi in 1 hour).
* **Object Properties:** Use plausible physical attributes (e.g., a refrigerator's weight must be realistic).
* **Resource Feasibility:** Assign tasks that are possible within the given constraints of time and resources.

**3. Causal & Procedural Logic (If-Then)**

* **Valid Justification:** The reason for an action must logically lead to it (e.g., do not proceed with a booking if a credit card was declined).
* **Prerequisites First:** Complete necessary steps before dependent actions (e.g., get a user\_id *before* attempting to use it).
* **Problem-Solution Relevance:** Ensure the proposed solution directly addresses the user's stated problem.

**4. Internal Consistency (No Contradictions)**

* **Consistent Statements:** Do not state conflicting information (e.g., THINKING about a Tuesday flight must not result in a tool\_code booking for Wednesday).
* **Numerical Accuracy:** Ensure all numbers, totals, and counts are mathematically correct and coherent.
* **Consistent States:** Do not assign mutually exclusive statuses to an entity (e.g., an order cannot be both cancelled and shipped).