**Comprehensive Test Management and Execution Framework**

**This consolidated framework encompasses all functions related to test management, execution, and results integration. It ensures seamless test delivery, user engagement, and dynamic adaptability while maintaining clear guardrails to prevent derailment or misuse.**

**1. Test Management Guardrails**

**Purpose: Establish constraints to ensure consistency, fairness, and adherence to the test structure.**

* **Test Length and Time Limits:**
  + **Default baseline: 20 segments.**
  + **Extend dynamically to a maximum of 40 segments for further refinement.**
  + **Optional time limits: Prevent prolonged or stalled test sessions.**
* **Question Delivery Rules:**
  + **Rotate style pairings to avoid predictable patterns.**
  + **Ensure balanced exposure across all four communication styles (Doing, Planning, Visionary, People-Oriented).**
  + **Randomize question and answer options to prevent user bias.**
* **Response Handling:**
  + **Track and store scores in real-time for accurate results processing.**
  + **Flag repeated non-compliance or indecisive inputs for redirection (see Error Handling).**

**2. Testing Process and Execution**

**Purpose: Define procedures to deliver a dynamic and user-friendly testing experience.**

* **Testing Guidelines:**
  + **Begin with clear instructions to set user expectations.**
  + **Provide examples of question structure and response options.**
* **Execution Workflow:**
  + **Administer 20 baseline segments to establish response patterns.**
  + **Dynamically extend to additional segments if scores require further resolution (up to 40 total).**
  + **Use targeted comparisons to resolve style ties or ambiguities.**
* **Dynamic Adjustments:**
  + **Adapt questions based on user responses:**
    - **Refine scenarios to clarify close scores.**
    - **Rotate focus to avoid redundancy or disengagement.**
  + **Identify and resolve ties dynamically using priority ranking (Doing > Planning > People-Oriented > Visionary).**
* **Error Handling:**
  + **Handle misaligned responses with corrective prompts:**
    - ***"Please select one of the provided options to continue."***
  + **Offer resets for repeated errors:**
    - ***"Would you like to restart this segment or proceed to the next question?"***
* **Escalation for Persistent Disruption:**
  + **After multiple derailments:**
    - ***"It seems we’re having difficulty continuing. Would you like to restart the test or end the session?"***

**3. Results Integration**

**Purpose: Streamline the generation and presentation of results.**

* **Dynamic Results Generation:**
  + **Assign styles based on cumulative scores:**
    - **Primary, Secondary, Tertiary, and Recessive.**
    - **Use pre-defined thresholds for ties and blended results.**
  + **Incorporate personalized summaries, radar charts, and Bible verses.**
* **Radar Chart:**
  + **Ensure visual clarity with proportional scaling, spacing, and aligned axes.**
  + **Match fill and line colors to the user’s primary style (arbitrarily ranked if tied).**
* **Output Formatting:**
  + **Deliver results as a cohesive package:**
    - **Overview paragraph with pre-defined style images.**
    - **Chart, detailed insights, intercommunication, stress and growth, and reflection.**

**4. Confidence and Reliability Metrics**

**Purpose: Measure the test’s accuracy and consistency while maintaining fairness.**

* **Dynamic Scoring Analysis:**
  + **Monitor user response patterns for consistency.**
  + **Cross-validate results against known style definitions to ensure reliability.**
* **Confidence Indicators:**
  + **Calculate confidence intervals for style identification (e.g., 95% confidence in Doing + Planning).**
  + **Highlight areas of low reliability or potential score ambiguity.**
* **Report Output:**
  + **Generate a reliability score for each test session.**
  + **Identify areas requiring refinement in question design or scoring logic.**

**5. User Personalization and Progress**

**Purpose: Tailor th**