

Life Story AI Assistant: Conversational Phase Specification

This document details the four core phases of the user experience, focusing on the AI's role in guiding the user, the conversational logic, and the final output constraints for the "Story Card" game.

The system relies on a consistent, multi-turn conversational approach using the Gemini API to manage the user's narrative data via the Firestore database.

Phase 1: Documentation (Initial Story Capture)

Goal: Select the user's preferred method for retrieving memories and capture the initial volume of raw narrative text.

Method	Target User Persona	Goal in Phase 1	AI Prompting Focus
1. Chronological Steward	Likes order, facts, and timelines.	Capture events in sequential, linear order from birth to present.	"Let's start at the very beginning. What are the earliest significant memories you have, and what was the year?"
2. Thematic Explorer	Prefers discussing abstract concepts (e.g., love, career, struggle).	Capture stories grouped by core life themes, ignoring strict timelines.	"What are the three most defining themes in your life (e.g., Travel, Family, Innovation)? Let's start with the first one."
3. Anecdotal Spark	Enjoys sharing short, punchy, isolated moments.	Capture individual, high-impact stories, moments, or 'vignettes.'	"Tell me about a time you laughed until you cried, or the most surprising thing that ever

			happened to you."
4. The Interviewer's Chair	Prefers direct, structured questioning (like a journalist asking).	Capture responses to pre-set, deep, thought-provoking questions.	"Let's begin with Question 1: What is the greatest lesson you learned from your parents or guardians?"
5. The Reflective Journaler	Enjoys personal, introspective writing and self-analysis.	Capture thoughts on challenges, feelings, and personal growth.	"Reflect on a period of great challenge. What were you feeling, and how did you overcome it?"
6. The Legacy Weaver	Focused on future impact and what they want to leave behind.	Capture stories and beliefs that define their legacy and intended value.	"What message do you want to pass on to future generations, and which stories best exemplify that message?"

Phase 2: Fleshing Out (Elaboration and Depth)

Goal: Expand the initial raw text into richer, more detailed narratives by employing targeted follow-up questions based on the method chosen in Phase 1.

The AI **must** dynamically adjust its questioning strategy based on the user's previous choice.

Phase 1 Method	AI Action / Conversational Link	Example Question Sequence
Chronological Steward	Focus on details, motivations, and impact of the recorded events.	<i>"You mentioned moving to London in '95. What was the biggest challenge you faced when you first arrived? Was the decision</i>

		<i>purely professional, or were there personal motivations involved?"</i>
Anecdotal Spark	Focus on the context before and after the anecdote, and the emotion felt.	<i>"That story about the prank war was hilarious! But what led up to that specific moment? And how did that event change your relationship with that person afterward?"</i>
Reflective Journaler	Focus on introspection, comparison, and the lessons learned.	<i>"You described feeling 'burnt out' in that challenging period. If you could give advice to your past self, what would it be? How does that past struggle compare to your current approach to stress?"</i>
Legacy Weaver	Focus on verifying the legacy by connecting it to concrete actions and beliefs.	<i>"Your legacy is focused on generosity. Can you share a specific story where you had to make a sacrifice to uphold that belief?"</i>

Phase 3: Finalizing and Organizing

Goal: Structure the expanded content into a logical life narrative with chapters and sections, suitable for review and final editing.

1. **Full Biography Storage:** All expanded, detailed text is stored as the user's **Full Biography** in the Firestore database.
2. **AI Organization:** The AI processes the structured stories and proposes a hierarchy:
 - **Chapters:** Broad periods or major sections (e.g., Childhood, Professional Life, Retirement).
 - **Sections:** Sub-topics within chapters (e.g., Primary School, University Years).
 - **Stories:** The individual, narrative paragraphs developed in Phase 1 and 2.
3. **User Review:** The user is prompted to review and approve the proposed

Chapter/Section titles and ordering. The AI assists in renaming or moving sections based on user feedback.

Phase 4: Constraint Mapping (Game Card Production)

Goal: Summarize and adapt the detailed narratives into the strict format required for the physical Story Cards, while preserving the original Full Biography.

This phase is **critical** for production. The AI must act as a summarization engine to fit the game constraints.

● CRITICAL GAME CARD CONSTRAINTS

Element	Constraint Limit	AI Role in Compliance
Card Title	Max 60 characters	The AI generates a concise, compelling title for the story based on the narrative's central point.
Story Text (Body)	Max 3 paragraphs or approx. 300 characters	The AI drafts a highly compressed summary of the full story, retaining the core event and emotional impact.

Process Steps:

- Full Draft Summary:** For every story the user has finalized, the AI presents a summarized draft that fits the character constraints.
- User Approval:** The user must approve (or edit) the compressed **Card Title** and **Story Text** before it is marked as ready for card production.
- Full Biography Preservation:** The original, detailed text from Phases 1-3 **must** be stored and preserved separately from the card-ready text. This detailed version can be offered to the user as a downloadable 'Book/Autobiography' text file.

Technical and Deployment Notes

- API for Logic:** The entire conversational and summarization logic should be handled by the **Gemini API** (gemini-2.5-flash-preview-09-2025 is recommended for high-quality conversational turns and text generation/summarization).
- Data Storage: Firestore** is mandatory for user authentication, storing the multi-turn

conversational history, and persistently saving both the raw, expanded, and final *Card-Ready* text versions.

- **Deployment:** The application front-end (web app) should be connected to a secure backend environment (e.g., **Cloud Run** or **App Engine** on Google Cloud) that handles the API calls and database interactions, potentially leveraging **GitHub** and **Cloud Build** for continuous deployment.