InVigor MVP Software Requirements Document

Zohar Productions Inc.

This is an Abbreviated Version — Sections 1–3.
Full SRD available to qualified partners under NDA.

©2025 Zohar Productions Inc. All Rights Reserved

Table of Contents

1. Introduction and Purpose *3*

2. Scope *4*

3. User Roles and Flows *4*

3.1 User Roles **4**

3.2 High-Level User Flows (Shell-Level) **5**

3.2.1 Veteran / Service Member Flow 5

3.2.2 Senior / Elder Flow 6

3.2.3 Caregiver / Facilitator Flow (Limited MVP Scope) 6

4. Core App Behaviors (Shell-Level) *7*

4.1 Visible Reflection Phase **7**

4.2 Tone and Interaction Style **7**

4.3 Input and Silence **7**

5. Safety and Behavioral Guardrails *8*

6. Memory and Continuity (Conceptual) *8*

7. Offline and Cloud Platform Assumptions *9*

7.1 Platform Assumptions **9**

7.2 Offline-First Behavior **9**

7.3 AI Degradation Strategy **9**

7.4 Data Storage Model (Hybrid) **10**

7.5 Synchronization Behavior **10**

7.6 Authentication and Session Persistence **10**

7.7 Conceptual Platform Architecture (MVP) **11**

A. Mobile Client (iOS / Android) 11

B. On-Device Storage (Encrypted) 12

C. Cloud Services 12

7.8 Architectural Boundaries **13**

8. AI Integration Boundary (Future-Facing) *13*

9. Exclusions *13*

10. MVP Readiness Criteria *14*

11. Addendum A: AI Prism Phase ™ Alignment and MVP Refinement *15*

Sections 1–3 are included in this abbreviated version. Sections 4–11 are available to qualified partners under NDA.

©2025 Zohar Productions Inc. All Rights Reserved

1. Introduction and Purpose

REQ-01: This Software Requirements Document (SRD) defines shell-level requirements only and intentionally avoids locking in to specific AI models, computing strategies, or infrastructure.

The purpose of this document is to define the shell-level requirements for the InVigor MVP. This SRD establishes what the application *is*, how it behaves, and the boundaries within which it operates, without locking the product into specific AI models, computing strategies, or other rapidly changing technologies since the MVP development timeframe has not been determined.

InVigor is a mobile-first companionship application designed to provide calm, grounded, and trauma-informed support for veterans, seniors, caregivers, and facilitators such as chaplains. A defining characteristic of the experience is a visible pause-and-reflect behavior before responses are delivered. This models a more human-like space between stimulus and response and supports emotional regulation through observation rather than instruction.

This SRD prioritizes user safety, continuity, and clarity. It is intended to be useful to software engineering teams, informative to developers, understandable to non-technical stakeholders, and flexible enough to evolve as AI capabilities mature.

The requirements ID scheme used is as follows:

- **REQ-XX** — Core functional / structural requirements
- **SAFE-XX** — Safety, behavioral, and psychological guardrails
- **MEM-XX** — Memory, continuity, and reset requirements
- **AI-XX** — AI Integration boundaries (future-facing)
- **EX-XX** — Explicit exclusions
- **MVP-XX** — MVP readiness conditions

The logic behind the ID scheme is as follows:

- Software engineers will be able to trace requirements without guessing intent.
- You can reference requirements precisely in meetings (e.g., “SAFE-03”)
- Future change requests can be scoped against specific IDs.

2. Scope

REQ-02: The SRD shall define stable, shell-level requirements that remain valid as AI capabilities evolve.

©2025 Zohar Productions Inc. All Rights Reserved

This SRD defines the MVP application shell, including user-facing behaviors, safety and ethical constraints, memory continuity expectations, offline behavior, and future-facing AI integration boundaries.

The document intentionally avoids detailed technical implementation, AI internals, or infrastructure design. Its role is to establish stable requirements that are unlikely to change even as underlying technologies evolve. Speculative, research-stage concepts and future biometric integrations are outside the scope of this SRD and are addressed in separate research documentation. This SRD makes no claims of AI consciousness or independent agency.

3. User Roles and Flows

3.1 User Roles

REQ-03: The system must not infer sensitive attributes. User roles and context must be explicitly declared by the user and must not be inferred by the system.

The MVP supports the following primary user roles:

A. **Veterans and service members** who require a calm, non-judgmental presence, strong privacy protections, and reliable offline access.
e.g., A young male soldier with suppressed emotion, receiving gentle pattern-reflection without feeling exposed.

B. **Seniors and elders** who benefit from simple interfaces, slower pacing, clear language, and high-contrast, accessible design.
e.g., A grieving widow re-integrating after the loss of a 50-year marriage, needing emotional anchoring and sacred continuity, or an older adult noticing normal age-related changes such as occasional word-finding lapses, supported through familiar language anchors, pattern continuity, and relational trust.

C. **Caregivers and facilitators** (including chaplains), who may participate in pilots or onboarding but do not have a dedicated dashboard or advanced tooling in the MVP.
e.g., A burned-out caregiver needing to reclaim inner clarity without adding another task to her burden.

REQ-03a: InVigor is intended for users without diagnosed cognitive impairment, active PTSD, or substance use concerns. Users in borderline or higher-risk categories should complete a recommended screening and consult their medical provider before use.

©2025 Zohar Productions Inc. All Rights Reserved

3.2 High-Level User Flows (Shell-Level)

This section describes typical end-to-end user interaction flows for the MVP. These flows define *how users move through the app*, not detailed screen designs or UI layouts.

3.2.1 Veteran / Service Member Flow

REQ-04: The system must support a calm, low-friction flow suitable for trauma-informed use with veterans.

1. App Launch & Sign-In
   The user opens the app and signs in using the supported authentication method (e.g., email, device-based authentication). If returning, prior context and memory are prepared in the background.
2. Context Confirmation

   The user explicitly selects or confirms their role (Veteran / Service Member) and any accessibility or pacing preferences. The system does not infer this role.
3. Home / Presence Screen
   The user is presented with a quiet entry point indicating availability of companionship. No immediate prompt or demand for input is required.
4. Interaction Loop
   The user enters text or speaks or remains silent. The system responds with a visible reflection phase followed by an appropriate response.
5. Offline Handling
   If connectivity is lost, the user may continue journaling or reflection. The system should communicate limited feature availability without appearing disengaged.
6. Session Pause or Exit
   The user exits the app at any time. No forced closure, summary, or emotional response occurs. Continuity is preserved for the next session.

End of abbreviated version. Sections 4–11, including safety architecture, memory design, platform architecture, and the AI Prism Phase™ Addendum, are available under NDA.

©2025 Zohar Productions Inc. All Rights Reserved