= SPEC-1: Friday AI Pregnancy Companion :sectnums: :toc:

== Requirements

These requirements are prioritized using MoSCoW:

=== Must

* **High Availability**: 99.9% uptime for API and UI.
* **Low Latency**: Average response time ≤ 1 second.
* **Scalability**: Support up to 200,000 daily active users.
* **Empathetic Interaction**: Detect and respond to user emotion with a nurturing tone.
* **Personalization**: Track week-by-week pregnancy data (symptoms, history) per user.
* **Crisis Detection**: Identify emergencies (e.g., severe symptoms) and auto-escalate.
* **Security & Privacy**: End-to-end encryption for all personal/health data.

=== Should

* **Wellness Plans**: Generate personalized wellness and birth-prep plans.
* **Postpartum Support**: Offer coaching and check-ins after delivery.
* **Reflection & Self-awareness**: Periodically summarize and reflect user history for insights.
* **Comprehensive Logging**: Detailed logs for debugging and traceability.

=== Could

* **Voice Integration**: Speech-to-text and text-to-speech for hands-free use.
* **Wearable & EMR**: HIPAA-safe syncing with wearables and electronic medical records.
* **Dashboard Analytics**: Mood and goal-tracking graphs on frontend.

=== Won’t

* **Multi-language Support**: Initially English-only.
* **Social Features**: No community/forum at MVP stage.

*Please review these and let me know if the priorities and items look right or need tweaks!*