

EMS Trainer v1.5.3 — Feature Options (Candidate List)

Status: Planning only. Do NOT implement until Joel explicitly approves selected items.

Current runtime version: v1.5.2 (Full Explanations + Vitals Trending Enforcement). This document tracks candidate features for a future version (v1.5.3).

How to Use This Document

1) Review the candidate features grouped by area. 2) Mark each item as APPROVED / HOLD / DROP when ready. 3) Once the scope is set, request a build (e.g., “Create v1.5.3 with items 1, 2, 5, 8”).

Scenario Enhancements

Scenario Library

Description: Pre-built cases (Cardiac, Trauma, OB, Neuro, Pediatric) for one-click launch.

Potential Impact: Speeds instructor prep and enables consistent scenarios across classes.

Difficulty: Medium

Status: (Pending) APPROVED / HOLD / DROP

Adaptive Scenario Complexity

Description: Dynamically increases/decreases complexity based on learner performance mid-scenario.

Potential Impact: Delivers personalized realism and keeps challenge optimal.

Difficulty: High

Status: (Pending) APPROVED / HOLD / DROP

Voice Interaction (Hands-Free)

Description: Allow voice triggers (e.g., “end scenario”, “next phase”) for hands-free flow.

Potential Impact: More immersive and EMS-realistic in the field or lab.

Difficulty: High

Status: (Pending) APPROVED / HOLD / DROP

Test Question Mode

Adaptive Question Difficulty

Description: Raises or lowers MCQ difficulty based on recent answers.

Potential Impact: Optimizes learning curve; reduces frustration/boredom.

Difficulty: Medium

Status: (Pending) APPROVED / HOLD / DROP

Question Export Options

Description: Export MCQs with explanations to Word/PDF for offline review or LMS import.

Potential Impact: Instructor convenience; supports blended learning.

Difficulty: Low

Status: (Pending) APPROVED / HOLD / DROP

Study Guide Mode

Flashcard Generator

Description: Auto-convert study guide bullets to Q&A flashcards.

Potential Impact: Mobile-friendly spaced repetition for students.

Difficulty: Medium

Status: (Pending) APPROVED / HOLD / DROP

Quick Mnemonic Expansion

Description: Add more EMS-specific mnemonics for difficult topics.

Potential Impact: High-yield memory aids; faster recall.

Difficulty: Low

Status: (Pending) APPROVED / HOLD / DROP

Workflow & Restart

Resume Token Integration

Description: Auto-detect a one-line token at chat start to restore defaults instantly.

Potential Impact: Saves time, prevents resets; consistent environment.

Difficulty: Low

Status: (Pending) APPROVED / HOLD / DROP

NEXT ACTIONS Tracker

Description: Embedded to-do list page at end of Master Prompt doc.

Potential Impact: Clear continuity between sessions; fewer missed tasks.

Difficulty: Low

Status: (Pending) APPROVED / HOLD / DROP

Session Presets

Description: Pre-configured profiles (e.g., “Standard + OB enabled + 10 MCQs”).

Potential Impact: One-click setup for common teaching patterns.

Difficulty: Medium

Status: (Pending) APPROVED / HOLD / DROP

Instructor Tools

Branding Options

Description: Add school logo and program header to guides and prompts.

Potential Impact: Professional look; consistent branding in distribution.

Difficulty: Low

Status: (Pending) APPROVED / HOLD / DROP

Faculty Build ZIP

Description: Bundle Master Prompt, Quick Start, sample scenarios, and presets.

Potential Impact: Ready-to-share package that reduces setup overhead.

Difficulty: Low

Status: (Pending) APPROVED / HOLD / DROP

Items From Previous Chat (To Be Re-Imported)

Note: You mentioned ~a dozen options from a prior thread. Please attach or paste that list here and I will append each item verbatim with Description, Impact, and Difficulty. For now, this placeholder will remain until we import them:

- [Placeholder] Prior feature #1: (paste exact title + short description)
- [Placeholder] Prior feature #2: (paste exact title + short description)
- [Placeholder] Prior feature #3: (paste exact title + short description)
- [Placeholder] Prior feature #4: (paste exact title + short description)
- [Placeholder] Prior feature #5: (paste exact title + short description)
- [Placeholder] Prior feature #6: (paste exact title + short description)
- [Placeholder] Prior feature #7: (paste exact title + short description)
- [Placeholder] Prior feature #8: (paste exact title + short description)
- [Placeholder] Prior feature #9: (paste exact title + short description)
- [Placeholder] Prior feature #10: (paste exact title + short description)
- [Placeholder] Prior feature #11: (paste exact title + short description)
- [Placeholder] Prior feature #12: (paste exact title + short description)