Opportunity Framing:

What is the problem?:

Existing AI tools for music creation fall into two extremes:

Black-box generators (Suno, Udio)
These tools produce high-quality songs instantly but provide little transparency, customization, or educational value. Users cannot meaningfully control structure, chord progressions, or beat components.

Text-only assistants (ChatGPT, Gemini, Copilot)
These tools are strong at lyric generation and brainstorming but lack musical alignment. The outputs often ignore meter, chord structure, BPM, and do not provide exportable beat artifacts such as MIDI files.

There is currently no tool that combines:

Structured songwriting
Beginner-friendly beat creation
Educational explanation
Exportable musical artifacts
Guided user control

BeatAI's main goal is designed to help with this

Product Requirements

1. A Structured Script

The tool must:

Generate clearly labeled sections (Intro, Verse, Chorus, Bridge, Outro)
Maintain logical narrative flow across sections
Keep language appropriate for beginner users
Allow topic-based customization

This addresses the failure of existing tools to consistently generate structurally coherent scripts aligned to beat progression.

2. The beats must align with the music

The tool must:

Generate a BPM based on the mood the user chooses
Produce a chord progression aligned to emotions in the song
Specify the drum, bass, and melody roles
Keep the complexity at an intro-to-mid level

This corrects the disconnect between lyrics and music seen in text-only assistants.

3. Educational Layer ("Learning Mode")

The tool must:

Explain why the chords were chosen
Explain why the BPM fits the mood
Describe the role of each instrument within the song
Avoid talking about advanced music theory

This differentiates BeatAI from black-box generators by making the creative process transparent.