



AI DJ: MUSIC MASHUP GENERATOR

Effortless Music Mashups with AI-Generated Album Art



THE CHALLENGE: MASHUPS ARE HARD TO MAKE

Creating high-quality music mashups is complex, requiring advanced audio editing skills and expensive software. The process is time-consuming and manual, excluding casual music lovers from creative mixing.

OUR SOLUTION: AI DJ



PICK ANY TWO SONGS

Automatically generates a seamless mashup.



CUSTOM ALBUM ART

Unique, AI-generated artwork for every mix.



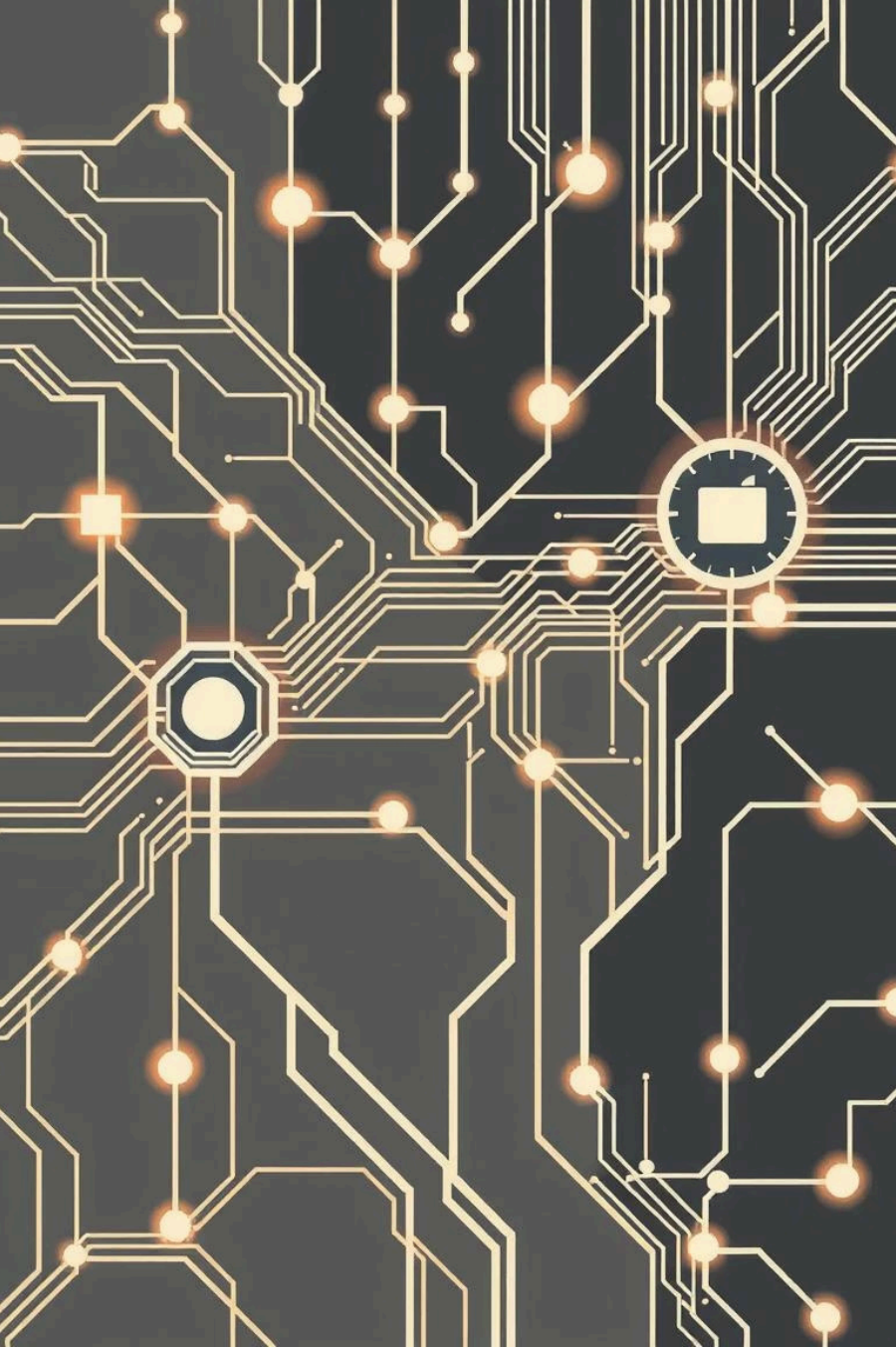
AI-POWERED MIXING

Backend uses signal processing to align beats and tempos.



SAVE & SHARE

Easily save creations and share on social media.



TECHNOLOGY STACK

Frontend

Next.js & React

Backend

Flask with
Librosa

Machine Learning

GANs for Album
Art

Database

Firebase

EXPECTED BENEFITS

ACCESSIBILITY

Makes mashup creation available to everyone.

CREATIVITY

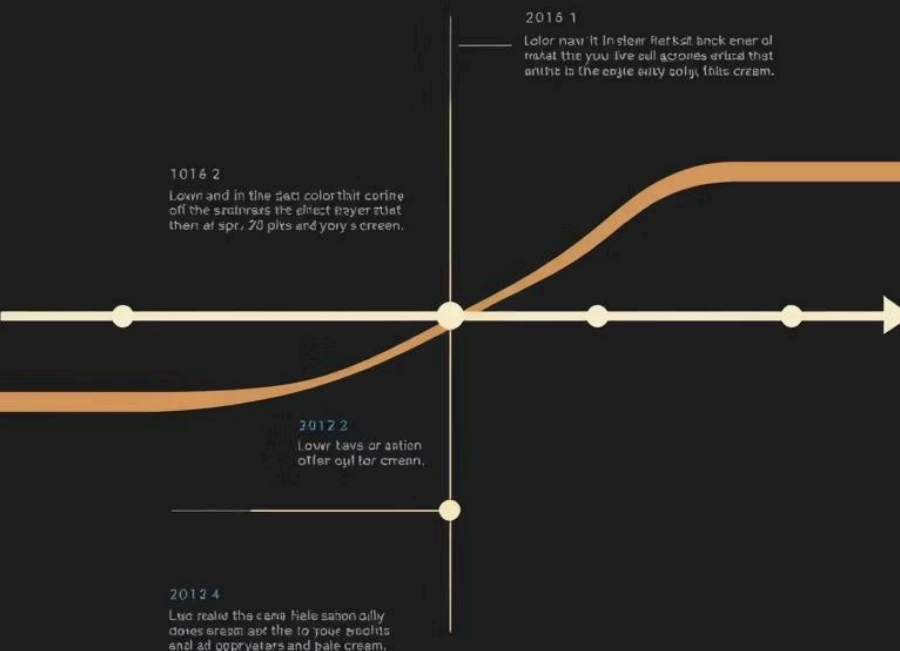
Encourages musical experimentation.

ENGAGEMENT

Provides a fun, interactive, and shareable experience.

EFFICIENCY

Helps DJs and creators prototype ideas faster.



10-WEEK IMPLEMENTATION TIMELINE

01

WEEKS 1-4

Research, UI/UX Design, and Frontend Development.

02

WEEKS 5-8

Backend Audio Processing, GAN Implementation, and Database Integration.

03

WEEKS 9-10

Social Sharing Integration, Testing, and Final Deployment.

POTENTIAL RISKS & MITIGATION

TECHNICAL CHALLENGES

Use established libraries like Librosa and TensorFlow to streamline development.

COPYRIGHT ISSUES

Launch with royalty-free music; limit to personal, non-commercial use.

PERFORMANCE DELAYS

Optimize backend for efficient audio processing to minimize wait times.



BECOME A DJ TODAY!

AI DJ empowers anyone to create unique music mashups and share their creativity with the world.

KEY TAKEAWAYS

- AI DJ simplifies music mashup creation for everyone.
- It offers AI-powered mixing and custom album art.
- The platform fosters creativity and engagement.
- Our robust plan addresses technical and legal risks.

NEXT STEPS



LAUNCH BETA

Release a beta version for early users.



GATHER FEEDBACK

Collect user insights for continuous improvement.



EXPAND FEATURES

Introduce new tools and capabilities based on demand.