

**Baseline** – This is what **should be completed** in the project.

**Optimistic** – This is what **can be completed** if time allows.

**Definitely Not** – This is what **will not be executed** by the team due to time or other constraints.

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## **Baseline**

*These are required core features that align with the SOW and should be fully delivered.*

### **User Accounts & Authentication**

- Login using email/password
- Role system: Admin, Instructor, Provider, Participant (Student)
- Admin-assigned student accounts (no self-registration)
- Profile setup fields: name, birth month/year, favorite artist
- Favorite music genre selection (ranked 1–3)
- Encrypted user nickname and ID assigned automatically
- Demographic fields: age, guardian education level, optional race
- Session timeout logic
- Character counter in discussion/chat boxes with adjustable limit (via admin/backend)

### **LMS: Curriculum & Assessment**

- Display of six pre-created courses (no instructor course creation)
- At least six modules per course
- Course description and labeled intended audience (Instructor, Provider, etc.)
- Media upload per module (PDF, DOCX, MP4, etc.)
- Admin toggle to control content visibility
- Display deadlines and due dates (assignment calendar)
- Assessments:
  - Multiple choice (auto-graded)

- True/False (auto graded)
  - Fill-in-the-blank (manual)
  - Free text responses (manual)
- Read receipts (track content accessed per user)
- Individual user progress tracking

### **Tag & Talk Core Features**

- Song segmentation: 0–48s, 49–120s, 120+ seconds
- Tagging of lyrics, audio, or video segments
- Tags categorized by pre-defined themes (e.g., violence, friendship, resilience)
- Tag history logging (tracked by encrypted user ID)
- Discussion interface linked to tags
- Discussion flow: at least three users, three turns, followed by prompt to continue
- Character limit enforced in discussions
- Tag and discussion content linked to course modules
- Access to Tag & Talk restricted to logged-in users

### **Backend & Infrastructure**

- Supabase database schema includes (generalized item):
  - Users
  - Roles
  - Courses
  - Modules
  - Media
  - Assessments
  - Tags
  - Discussions
- Hosting environment setup

- Working local testing version
- ERD updated to reflect finalized schema and relationships
- Demographic data collected and stored securely
- Backend logic for content access, tag storage, and discussion tracking

## **UI and Layout**

- Role-based dashboard with toggled components (one layout, multiple states)
- Main tabs for navigation: Courses, Profile, Tag & Talk
- Editable profile page
- Youth-friendly layout with clear typography and color structure

Tag & Talk interface includes built-in prompts for user guidance

## **Music API and Licensing**

- Prototype connection to Spotify / Apple Music / YouTube Music via RapidAPI
- Research document outlining nonprofit API access and licensing requirements
- Table comparing requirements and supported features across platforms

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## **Optimistic**

*These are achievable if time permits. They add polish or support, but are not essential for MVP delivery.*

## **Tag & Talk Enhancements**

- Demographic-based customization of tag visibility
- Instructor-facing moderation panel for tags and discussions
- Instructor ability to align tags with course objectives

## **LMS Enhancements**

- Student, Instructor, or Provider view toggle for other user roles
- Search functionality within uploaded content or lessons
- Enhanced content toggles by role (not just Admin)

- Super Admin vs Admin functionality split

### **UI and Visual Design**

- Implementation of Dr. Juju avatar (non-functional placeholder)
- Expanded design system with multi-color brand assets
- Improved UI feedback such as hover states, active tab indicators

### **Admin Controls**

- Front-end interface to adjust chat length per user type
  - Central document management outside the profile area
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### **Definitely Not**

*These features will not be built due to time, technical constraints, or because they are considered out of scope.*

### **LMS and Content**

- Instructor-led course creation interface
- Personalized content recommendation system
- Certificate generation upon course completion
- Gamification features (badges, leaderboards, milestones)
- Public/anonymous access to Tag & Talk (no-login interactions)

### **Tag & Talk Advanced**

- AI moderation of tags or discussions
- Video/live chat continuation of T&T conversations
- Analytics summaries for T&T based on emotional content or discussion volume
- Integration between T&T tags and Continuing Education Unit (CEU) tracking

### **AI Song Creation**

- Suno, AIVA, or other AI music generation tools
- Post-tag “Create a Song” functionality

- Custom lyric-writing or auto-song generation interfaces
- Legal interface for license management and content rights

### **Analytics and Reporting**

- Admin dashboard with interactive usage analytics
- Exportable CSV/PDF reports
- Heatmaps or comparative visuals for user progress across courses