

# Minimax AI Integration - Migration Summary

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## Overview

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Successfully migrated all AI-powered features from Abacus AI to Minimax AI.

## Changes Made

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### 1. New Minimax Client ( `/lib/minimax-client.ts` )

- Created a dedicated utility module for Minimax API integration
- Implements the Minimax API request/response format
- Handles authentication with JWT bearer tokens
- Supports configurable model, temperature, and token limits

### 2. Environment Variables

Added to `.env` :

```
MINIMAX_API_KEY=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...  
MINIMAX_API_ENDPOINT=https://api.minimax.chat/v1/text/chatcompletion_v2
```

### 3. Updated API Routes

#### `/app/api/bookmarks/route.ts`

- Updated `generateMetadataWithAI()` function to use Minimax
- AI-powered description and tag generation for new bookmarks

#### `/app/api/bookmarks/generate-metadata/route.ts`

- Updated bulk metadata generation to use Minimax
- Retroactive AI-powered description and tag generation for existing bookmarks

#### `/app/api/ai-summary/[bookmarkId]/route.ts`

- Updated AI summary generation to use Minimax
- Supports multiple summary types (TL;DR, Key Points, Action Items, Discussion Questions)

## Features Using Minimax AI

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- ✓ **Bookmark Creation** - Auto-generate descriptions and tags
- ✓ **Bulk Metadata Generation** - Generate descriptions for existing bookmarks
- ✓ **AI Summaries** - Multiple summary types for bookmarked content

## API Configuration

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**Model:** `abab6.5s-chat` (Minimax's default chat model)

**Endpoint:** `https://api.minimax.chat/v1/text/chatcompletion_v2`

**Authentication:** Bearer token (JWT format)

## Testing

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- Build completed successfully without errors
- All TypeScript types validated
- Ready for production deployment

## Migration Date

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December 1, 2025