Story Forge Kids - Project TODO

Phase 0: Collaboration & Export Setup

- [ ] Export project to GitHub repository for team collaboration
- [ ] Create comprehensive README with setup instructions
- [ ] Document environment variables and configuration
- [ ] Set up development workflow documentation

Phase 1: Project Setup & Database

- [ ] Database schema for books, pages, images, payments, and audio
- [ ] Environment variables and Stripe configuration
- [ ] Database migrations and initialization

Phase 2: Core Book Creation System

- [ ] AI story generation using LLM (12-page stories from prompts)
- [ ] Book creation tRPC procedure
- [ ] Story refinement and plot improvement features
- [ ] Age-appropriate content variation generation
- [ ] Character dialogue generation

Phase 3: Image Generation

- [ ] Real AI image generation integration for book illustrations
- [ ] Image storage and retrieval
- [ ] Image prompt generation from story text
- [ ] Image caching and optimization

Phase 4: PDF Export

- [ ] Production-ready PDF rendering with KDP formatting
- [ ] Embedded fonts and high-resolution image support

- [ ] PDF generation tRPC procedure
- [ ] PDF storage and download functionality

Phase 5: Batch Operations & Library

- [ ] Book library with detail views
- [ ] Batch image generation for multiple books
- [ ] Bulk PDF export functionality
- [ ] Progress tracking with visual feedback
- [ ] Book metadata and synopsis management

Phase 6: Stripe Payment Integration

- [x] ~~Stripe API key configuration~~
- [ ] Subscription pricing model setup
- [ ] Payment processing tRPC procedures
- [ ] User subscription status tracking
- [ ] Payment history and invoice management

Phase 7: Audio Narration

- [ ] Text-to-speech integration
- [ ] Audio file generation and storage
- [ ] Read-aloud feature implementation
- [ ] Audio playback in book viewer

Phase 8: Marketing Content Generator

- [ ] Social media post generation from book metadata
- [ ] Multi-platform content variations (Twitter, Instagram, Facebook)
- [ ] Hashtag and emoji suggestions
- [ ] Content scheduling features

Phase 9: Playful Kids' Room UI Design

- [x] Whimsical kids' room aesthetic with stuffed animals, balloons, blocks
- [x] Animated floating balloons and decorative elements
- [x] Colorful building blocks as design accents
- [x] Fun, rounded typography and bright colors
- [x] Playful landing page with interactive decorations
- [x] Interactive AI-assisted book creation form interface
- [x] Age group and theme selection with emojis
- [x] Animated progress indicators and loading states
- [x] Fun button designs with hover animations
- [ ] Colorful book library with toy-themed cards
- [ ] Book detail view with page preview
- [ ] Settings and account management with playful styling

Phase 10: Book Library, Preview & Batch Operations

- [x] Book library page with gallery view
- [x] Book sorting and filtering by date/theme
- [x] Book detail/preview page with page viewer
- [x] Audio playback controls for narration
- [x] Batch operations dashboard
- [x] Bulk generation queue management
- [x] Download/export functionality
- [x] Navigation links and routing

Phase 11: Android Webview Wrapper

- [x] Create Android project structure with Kotlin
- [x] Implement webview component for web app loading
- [x] Configure app permissions (internet, storage, camera, microphone)

- ☑ ~~Add app icon and splash screen~~
- ☑ ~~Implement back button handling~~
- ☑ ~~Configure app manifest and build configuration~~
- ☑ ~~Create comprehensive build documentation~~
- ☐ Generate signed APK for distribution

Phase 12: Payment System Setup

- ☑ ~~Create pricing page with subscription tiers (Free, $5.99 Pro)~~
- ☑ ~~Implement Stripe checkout integration~~
- ☑ ~~Add pricing route and navigation~~
- ☐ Build subscription management dashboard
- ☐ Set up payment history and invoice display
- ☐ Configure webhook handlers for payment events
- ☐ Test payment flow with Stripe test cards
- ☐ Set up email notifications for payments

Phase 13: Advanced Features - Notifications & Offline

- ☐ Firebase Cloud Messaging setup
- ☐ Push notification triggers for book completion
- ☐ Local caching and offline mode
- ☐ Service Worker for offline functionality
- ☐ Google Play In-App Ratings integration

Phase 14: User Dashboard & Notifications

- ☑ ~~User account settings page~~
- ☑ ~~Subscription management interface~~
- ☑ ~~Billing history and invoices~~
- ☑ ~~Notification preferences UI~~
- ☐ Email notification system backend

Phase 15: Analytics & Monitoring

- [x] Analytics dashboard for users
- [x] Monthly trend charts
- [x] Revenue analytics
- [x] Theme distribution tracking
- [x] Age group analytics
- [ ] Admin analytics panel

Phase 17: Social Media & Sharing

- [x] Social media share buttons (Facebook, Instagram, TikTok)
- [x] Pre-generated captions for each platform
- [x] Amazon KDP integration for publishing
- [x] Share link copying functionality

Phase 18: Paywall & Premium Features

- [x] Paywall for book detail view
- [x] Subscription check for analytics access
- [x] Book owner bypass for paywall
- [x] Dual pricing: $5.99/mo subscription OR $3.99/book
- [x] Updated pricing page with new model

Phase 19: Book Templates & Customization

- [ ] Book template selection UI
- [ ] Cover customization (fonts, colors, images)
- [ ] Page layout options
- [ ] Font selection and styling
- [ ] Preview before generation

Phase 20: Referral Program

- [ ] Referral link generation
- [ ] Referral tracking and rewards
- [ ] Leaderboard and achievements
- [ ] Credit system for referrals
- [ ] Share referral link UI

Phase 22: Email Verification & Onboarding

- [x] ~~Onboarding tutorial with 4 steps~~
- [x] ~~Feature introduction flow~~
- [x] ~~Pricing explanation in onboarding~~
- [ ] Email verification on signup
- [ ] Welcome email sequence

Phase 23: Book Sharing & Collaboration

- [x] ~~Shared books page UI~~
- [x] ~~Generate shareable book links~~
- [x] ~~Share permissions (view/edit)~~
- [x] ~~Shared book library interface~~
- [ ] Real-time collaboration editing

Phase 24: Advanced Analytics Export

- [x] ~~Analytics export page UI~~
- [x] ~~CSV export option~~
- [x] ~~PDF report option~~
- [x] ~~Date range selection~~
- [x] ~~Export summary display~~

Phase 26: Mobile App Notifications

- [x] ~~Notification center UI~~

- [x] Book completion notifications
- [x] Collaboration invite notifications
- [x] Payment confirmation notifications
- [x] Notification preferences UI

Phase 27: AI Story Refinement Tools

- [x] Story editor interface
- [x] Page-by-page editing
- [x] AI regeneration for specific pages
- [x] Plot suggestion tool
- [x] Image regeneration

Phase 28: Family Plan & Group Accounts

- [x] Family plan pricing tier ($9.99/month)
- [x] Multi-profile management
- [x] Parental controls
- [x] Child profile creation and deletion
- [x] Family library sharing

Phase 30: Gamification & Achievements

- [x] Achievement system with badges
- [x] Leaderboard implementation
- [x] Milestone rewards and progress tracking
- [x] Points and XP system
- [x] Achievement showcase page

Phase 31: AI-Powered Recommendations

- [x] Trending books display
- [x] Similar books suggestions

- [x] Personalized recommendations
- [x] Like/favorite functionality
- [x] Recommendation feed with AI insights

Phase 32: Print-on-Demand Integration

- [x] Print service options (paperback, hardcover, board book)
- [x] Order management interface
- [x] Shipping tracking
- [x] Print preview
- [x] Pricing calculation and order history

Phase 34: Creator Monetization Dashboard

- [x] Earnings overview and statistics
- [x] Revenue breakdown by book/print orders (pie chart)
- [x] Top performing books display
- [x] Withdrawal/payout system with PayPal/Bank options
- [x] Transaction history with status tracking

Phase 35: Advanced Search & Filters

- [x] Full-text search implementation
- [x] Filter by theme, age group, rating
- [x] Sort by popularity, newest, most-viewed
- [x] Advanced search page with sidebar filters
- [x] Real-time search results

Phase 36: Community Forum & Comments

- [x] Book comments system
- [x] 5-star rating system
- [x] Creator responses with badge

- [x] ~~Like/reply functionality~~
- [x] ~~Nested comment threads~~

Phase 37: Testing & Deployment

- [ ] Unit tests for core features
- [ ] Integration tests for payment flow
- [ ] UI testing and responsiveness
- [ ] Performance optimization
- [ ] Final deployment and monitoring