

StubCollector – Developer To-Do List

1. Project Setup

- • Set up development environment (frontend + backend).
- • Create GitHub repo / version control system.
- • Configure domain & hosting (e.g., Vercel for frontend, Supabase/Firebase/PostgreSQL backend).

2. User System

- • Implement user registration & login
- • Create user dashboard for managing listed stubs.
- • Add password reset & email verification.

3. Ticket Stub Recognition

- • Enable image upload or camera input.
- • Build recognition system:
 - • - OCR to extract text (e.g., date, event name, venue).
 - • - Optional: AI/image matching to assist with team, artist, or movie identification.
- • Manual input form as fallback if auto-recognition fails.

4. Event Database (Multi-Category)

- • Build or connect to a flexible event database for:
 - • - Sports (NBA, NFL, MLB, NHL, soccer, etc.)
 - • - Concerts (artist, venue, tour info)
 - • - Movies (title, release date, theater)
- • Allow multiple event types and tags (e.g., “LeBron debut,” “Taylor Swift Eras Tour,” “Oscars screening”).
- • Develop smart matching between stub info and events (e.g., based on date/location/keywords).
- • Create admin/editor tools for manual correction or tagging of stubs.

5. Stub Page (Detail View)

- • Automatically generate a detail page per uploaded stub:
 - • - Event info (type, participants, date, highlights)
 - • - Display user-uploaded stub images (front/back).
 - • - Dynamic badges or labels (e.g., “Sold Out,” “Historic Game,” “Final Show”).
 - • - Link to user's collection or profile.

6. Marketplace (Stub Exchange)

- • Enable users to list stubs for sale/trade:
 - • - Add title, description, price, condition, tags.

- • Filter by category (sport, concert, movie), team/artist, date, etc.
- • Add search, browse, and sorting functions.
- • Save favorites or follow specific sellers/collections.

7. Seller & Buyer Features

- • In-app messaging between users (or contact form).
- • Wishlist/watchlist functionality.
- • Seller rating system (required).

8. Back Office / Admin Panel

- • Build a secure admin dashboard (back office).
- • View and moderate user-submitted stubs.
- • Manage event database entries and stub-event associations.
- • Handle content flags/reports (e.g., inappropriate, fake, duplicates).
- • Manage users (roles, bans, activity history).

9. Mobile Optimization

- • Ensure full mobile responsiveness.
- • Optimize for fast load times and easy navigation on mobile devices.

10. Visual Design

- • Implement playful, colorful UI (brand-aligned).
- • Design stub frames/cards to mimic real-world collectibles.
- • Add subtle animations (hover, transitions, flipping stubs to see back, etc.).