

# Branthro Business App (Provider Dashboard) — (PRD)

## 1) Purpose

Branthro Business App is a **mobile dashboard for service/product providers** on Brantro to manage what they sell, fulfill orders, and manage earnings.

- **Who can use it:** Billboard owners, Screen owners, Influencers, Artists, UGC creators, Digital creators, Creative designers, Template sellers, Service providers.
- **Who cannot use it: Advertisers / consumers** (they buy from the marketplace but **do not login** to this app).
- **API source:** All APIs are already documented in **Postman**.
- **Reference:** Existing **Branthro web app** is the functional/UI reference.

## 2) Goals

1. Let providers **signup/login** and manage their business profile.
2. Let providers **post and manage listings** (ad slots, screens, services, templates, creatives, etc.).
3. Let providers **receive and manage orders** (approve/decline where applicable, deliver, track status).
4. Let providers **track earnings, wallet balances, transactions, and withdraw funds**.
5. Provide **notifications** and basic **performance analytics**.

## 3) User Roles & Capabilities

A single user account may have **one or multiple provider types** (e.g., Screen Owner + Influencer).

### A) Billboard Owner

- Create and manage **billboard inventory** (location, size, availability, pricing, photos).
- Receive **booking orders** and accept/decline (if platform supports manual approval).
- Provide proof-of-placement where required (photos/videos).
- Track wallet earnings and withdrawals.

### B) Screen Owner (Digital Screens)

- Create/manage **screen inventory** (venue, screen specs, play schedule, impressions if available).

- Accept/decline bookings (if required).
- Upload proof-of-play (photos/videos/logs) where required.
- Earnings + withdrawals.

### **C) Influencer / UGC Creator / Creator / Artist**

- Create/manage **service offerings** (packages, pricing, deliverables, turnaround time).
- Receive service orders, chat/clarify requirements, submit deliverables.
- Order status updates, revisions if supported.
- Earnings + withdrawals.

### **D) Creative / Designer (Creative Designs)**

- Publish **creative products** or **design services** (depending on your marketplace model).
- Deliver files, manage revisions, track orders.
- Earnings + withdrawals.

### **E) Template Seller**

- Publish templates (category, preview images, file formats, license terms).
- Handle template purchases (usually auto-delivery, or manual delivery if your process needs it).
- Earnings + withdrawals.

## **4) Core Modules (What must be built)**

### **4.1 Authentication & Account**

- Signup (email/phone), login, logout
- OTP/email verification (if in API)
- Forgot password / reset password
- Device/session security (token storage, refresh tokens)
- Role selection during onboarding (pick provider types)

### **Screens**

- Splash
- Login
- Signup
- Verify OTP/email
- Forgot Password
- Reset Password

## 4.2 Onboarding & Profile Management

- Business/provider profile:
  - Display name / brand name
  - Bio/about
  - Category/provider type(s)
  - Service areas / locations
  - Social media handles
  - Portfolio/media uploads
- KYC (if required by platform to withdraw):
  - Personal details, ID upload, bank details, business docs (optional)
  - KYC status and review feedback

### Screens

- Provider type selection
- Profile setup wizard
- Profile view/edit
- KYC & Payout setup
- Verification status

## 4.3 Listings / Inventory Management (Provider “Products”)

This is the heart of the app: providers create what they sell.

**Listing Types** (based on your platform model)

1. **Billboards**
2. **Screens**
3. **Services** (influencer packages, UGC packages, design services)
4. **Templates**
5. **Creatives / Design Products** (if sold as items)

### Common listing fields

- Title
- Category/type
- Price (fixed or starting price)
- Availability status (Active/Paused/Sold out)
- Description
- Media (photos/videos)
- Delivery timeline / schedule
- Location (for billboards/screens) + map coordinates if available
- Policies: revision policy, cancellation terms, content restrictions

## **Screens**

- Listings home (tabs by listing type)
- Listing detail
- Create listing (wizard)
- Edit listing
- Pause/Activate listing
- Media manager

### **4.4 Availability & Scheduling (Billboards/Screens)**

- Availability calendar:
  - Block dates
  - Mark booked periods
  - Define timeslots (if screens have times)
- Pricing rules (if supported):
  - Per day/week/month
  - Peak pricing (optional)

## **Screens**

- Availability calendar
- Timeslots (for screen owners) if needed
- Pricing setup

### **4.5 Orders Management**

Providers must manage orders made for their offerings.

#### **Order states (typical)**

- Pending (awaiting provider action)
- Accepted / Rejected (if manual approval)
- In Progress
- Delivered / Proof submitted
- Revision requested (optional)
- Completed
- Cancelled / Disputed (if supported)

#### **Provider actions**

- View order details

- Accept/Decline order (where applicable)
- Confirm requirements (brief, assets, instructions)
- Submit deliverables (file upload / links)
- Mark as delivered
- Respond to revision request (if supported)
- Track payment status (paid, escrow, released, pending)

## **Screens**

- Orders list (filters: pending, active, completed)
- Order details (timeline + actions)
- Delivery submission (upload files)
- Proof submission (billboard/screen proof)
- Order chat/messages (if supported by API)

## **4.6 Wallet & Payouts (Earnings)**

Providers need a full wallet experience:

- Wallet balance
- Pending earnings (if escrow is used)
- Transaction history
- Withdrawal request
- Withdrawal history + statuses (pending/processing/completed/failed)
- Bank account management (if API supports)
- Fees breakdown (platform fee, tax, payout fee)

## **Screens**

- Wallet dashboard
- Transactions list
- Transaction details
- Withdraw funds (amount + destination bank)
- Withdrawal history
- Bank account / payout settings

## **4.7 Notifications & Alerts**

- Push notifications + in-app notifications for:
  - New order
  - Order accepted/rejected
  - Payment updates

- Withdrawal updates
- Message received
- KYC status updates
- System announcements

## **Screens**

- Notifications list
- Notification detail

## **4.8 Messaging (If supported)**

- Provider ↔ advertiser messaging **only inside order context**
- Attach files/images
- Basic moderation tools (report/block if supported)

## **Screens**

- Conversations
- Chat thread (per order)
- Attachment preview

## **4.9 Analytics & Performance (Basic)**

- Revenue summary (today/this week/this month)
- Orders count (pending/active/completed)
- Top-performing listings
- Ratings/reviews summary (if supported)

## **Screens**

- Dashboard home (KPIs)
- Analytics detail (charts optional)

## **4.10 Settings**

- Profile settings
- Security (change password, logout all sessions)
- Notification preferences
- Help/Support
- Terms & policies

- Delete account (if supported)

## 5) Home Dashboard (Provider Landing)

After login, provider sees:

- Quick stats (orders, earnings, pending actions)
- “New orders” queue
- Wallet snapshot
- Listings snapshot
- Latest notifications

## 6) Permissions & Access Rules

- Only **provider accounts** can authenticate into the Business App.
- Advertiser accounts must be blocked at login (API should return role; app enforces).
- A provider can have multiple provider types; UI should adapt:
  - show relevant listing tabs/modules
  - hide irrelevant modules

## 7) Key User Flows

### Flow A: Provider Onboarding

Signup → Verify → Select provider type(s) → Setup profile → Setup payout/KYC → Create first listing.

### Flow B: Create Listing

Listings → Create → Fill details → Upload media → Set price/availability → Publish.

### Flow C: Order Handling (Manual approval)

New order notification → Order details → Accept/Decline → Work in progress → Deliver/Proof → Completion → Earnings released to wallet.

### Flow D: Withdraw Funds

Wallet → Withdraw → Enter amount → Select bank → Confirm → Track withdrawal status.

## 8) Non-Functional Requirements

- **Platform:** Android and iOS
- **Performance:** fast list rendering, pagination, caching
- **Offline tolerance:** show last cached data where possible (orders/listings)
- **Security:** secure token storage, biometric lock optional, prevent screenshots on sensitive screens (optional)
- **Uploads:** robust file upload with retry and progress
- **Logging:** crash reporting + event tracking (optional)

## 9) API Integration Notes (from Postman)

Developer should implement strictly using Postman collections:

- Auth endpoints
- Role/profile endpoints
- Listings endpoints (billboard/screen/service/template/creative)
- Orders endpoints + status transitions
- Wallet endpoints (balance, transactions, withdrawals)
- Notifications endpoints
- Messaging endpoints (if any)
- Media upload endpoints

**Important:** App should follow the **same status transitions and validations** used on the web app.

## 10) Out of Scope (Explicit)

- Advertiser browsing/buying flow
- Consumer marketplace features
- Public marketing pages
- Admin dashboard features

## 11) Delivery Checklist for Mobile Developer

1. Navigation structure (bottom tabs + nested stacks)
2. Authentication + role restriction



3. Provider onboarding + profile + KYC
4. Listings CRUD for each provider type
5. Orders management + status actions + file uploads
6. Wallet + withdrawals + transaction history
7. Notifications (push + in-app)
8. Messaging (if available)
9. Analytics dashboard (basic)
10. QA: edge cases (network failure, upload retry, pagination, token refresh)