

Brantro Business App (Provider Dashboard) — (PRD)

1) Purpose

Brantro 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 **Brantro 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)