

# BHUBAN – MASTER BLUEPRINT (BROAD & COMPLETE)

## 1. Product Vision & Market Positioning

Bhuban is positioned as a human-centric, privacy-first, AI-powered video ecosystem. It combines the familiarity of YouTube with Apple-level interaction design and next-generation AI intelligence. The platform serves viewers, creators, educators, children, elders, and businesses equally.

## 2. Design System & UI Architecture

The UI architecture follows Apple Human Interface Guidelines-inspired principles: clarity, depth, feedback, and continuity. Design tokens include rounded corners, adaptive typography, glass surfaces, layered cards, motion-based feedback, and theme-aware color systems.

## 3. Complete Screen-by-Screen Wireframe Logic

Each screen is designed modularly. Home feed cards, Shorts fullscreen layout, Upload modal sheets, Subscription grids, and Profile control dashboards are all independently scalable and testable.

## 4. User Journey & Interaction Flow

User journeys are mapped from onboarding to daily use. Gesture navigation allows swipe-based transitions between all primary sections with inertia and elastic motion. No dead-ends exist in navigation.

## 5. Core Functional Modules

Home: AI-curated feed. Shorts: Discovery engine. Upload: Creator workflow. Subscriptions: Loyalty system. Profile: Trust & control center.

## 6. AI Architecture – SHREE

SHREE is a multi-layer AI system handling video understanding, accessibility narration, content summarization, creator assistance, ethical review, and recommendation explainability.

## 7. Data & Backend Architecture

Microservice-based backend with scalable storage, CDN delivery, adaptive streaming, offline caching, and regional optimization.

## 8. Monetization & Creator Economy

Multiple monetization models including ads, memberships, tipping, shopping, sponsorships, and transparent revenue sharing.

## 9. Accessibility & Inclusivity Framework

Universal access features including voice navigation, visual descriptions, simplified UI modes, and parental controls.

## 10. Privacy, Security & Compliance

End-to-end encryption, minimal data collection, algorithm transparency, consent-based personalization, and international compliance readiness.

## 11. Testing, QA & Stability System

Automated testing pipelines for UI, gestures, AI accuracy, accessibility, performance under low bandwidth, and security resilience.

## 12. Deployment & Scaling Strategy

Global rollout with localized content delivery, multilingual support, edge computing integration, and elastic infrastructure.

## 13. Future Innovation Roadmap

AR discovery, AI co-creation, decentralized identity, community moderation, and educational intelligence layers.

## 14. Investor & Stakeholder Readiness

Clear KPIs, growth metrics, ethical AI positioning, and long-term sustainability strategy.

## 15. End-to-End Execution Flow

From ideation to launch: research, design, development, testing, deployment, iteration, and global expansion.