

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.