

DESIGN DOCUMENT (UI/UX SPEC)

Product: Fake Drugs Detection + QR Verification (Supply Chain)

Working Name: MedSure

Platforms: Mobile Web + Android + Admin Web Dashboard

Design Inspiration: Picktime – Smart Meetings Platform SaaS (Dribbble)

1) Design Goals

- Instant, trustworthy verification in under 10 seconds
- Simple decision states: Verified / Suspicious / Invalid
- Professional dashboards for supply chain + regulators

2) Visual Direction

- Clean modern SaaS layout
- Card-based sections, rounded corners, soft shadows
- High whitespace + bold CTAs
- Semantic colors: Green (Verified), Amber (Suspicious), Red (Invalid)

3) Information Architecture

Consumer (Mobile):

- Home
- Scan QR
- Verification Result
- Batch Detail
- Report Suspicious Product
- FAQ

Business Portal:

- Dashboard
- Scan Shipment
- Batch Search
- Alerts
- Reports
- Settings

Manufacturer Portal:

- Dashboard
- Create Batch
- Batch List
- Generate QR Labels
- Event Logs

Admin/Regulator:

- Global Dashboard
- Suspicious Events
- Batch Lookup
- Recall Management
- Audit Logs

4) Key UX Flows

A) Consumer Scan Verification

- Home -> Scan QR -> Result

Result has 3 states:

- Verified Original
- Suspicious — Verify with pharmacy
- Not Verified — Possible Counterfeit

B) Report Suspicious Product

- Select reason + optional photo + notes + submit

5) Web Dashboard Layout (Picktime Style)

- Left sidebar navigation
- Top bar with search + notifications
- KPI cards + recent activity tables
- Alerts grouped by severity

6) Manufacturer: Create Batch Screen

Form fields:

- Product, strength, batch number
- Manufacture date, expiry date, quantity
- Factory location, optional certificates

CTA: Create Batch + Generate QR

7) Admin/Regulator Screens

- Global metrics
- Suspicious event logs
- Issue and manage recalls
- Export audits and reports

8) Components Library

- Buttons: primary, secondary, danger, ghost
- Badges: verified/suspicious/invalid/expired/recalled
- Cards: summary, detail, alert
- Tables: sortable with status column
- Inputs: search, dropdown, date picker, upload

9) Accessibility

- WCAG AA contrast
- Touch targets $\geq 44\text{px}$
- Icons + labels (not color-only)

Deliverables

- Wireframes (low fidelity)
- Mockups (high fidelity)
- Design system tokens
- Clickable prototype (Figma)