

# SOFTCODE

U S G  
A I A S S I S T

## Complete Detailed User Guide

Har ek option · Har ek button · Har ek field — poori detail ke saath

**Doctor · Reception · Admin · Dealer**

Login se Logout tak — poori software ki complete guide



# 1. LOGIN SCREEN — Sab Roles Ke Liye

Softcode USG AI Assist browser mein kholta hai. Sabse pehle Login Screen dikhti hai — dark background, animated USG scanner, aur Softcode logo.

## 1.1 Login Screen — 4 Tabs

Tab Ka Naam	Kya Hai	Kaun Use Kare
Sign In	Normal login — existing user	Sab (Doctor, Reception, Admin,
Doctor	New doctor ka self-registration form	Naya doctor jo account banana
Reception	Reception staff registration	chanta hai Naya reception staff
Dealer	Dealer account access	Softcode Dealer / Distributor

## 1.2 Sign In Tab — Sab Fields

Field / Button	Kya Karna Hai	Detail
Username / Email	Apna username ya email daalo	Case-insensitive. Admin ne jo diya wo
Password	Password daalo	Eye icon se show/hide kar sakte ho
Show/Hide Password (Eye)	Password visible ya hidden karo	Password field ke right side mein
Remember Me	Is device pe logged in raho	Tick = browser band hone ke baad bhi
Sign In Button	Login karo	session rahi Click karke hi system verify karta hai ! role dashboard

## 1.3 Doctor Registration Tab — Sab Fields

Field	Required?	Detail
First Name	Haan	Doctor ka pehla naam
Last Name	Haan	Doctor ka surname
Email Address	Haan	Login ke liye use hoga
Mobile Number	Haan	+91 format, min 10 digits
Clinic / Hospital Name	Haan	Report header mein print hoga
Degree / Qualification	Optional	MBBS, MD Radiology etc.
ID Proof Type	Haan	Aadhaar / PAN / Passport / Voter ID
ID Proof Photo	Optional	Image upload karo (JPG/PNG)
Dealer Reference Code	Optional	Dealer ka code (e.g. DLR-A3X9) — commission ke liye
Password	Haan	Min 6 characters
Confirm Password	Haan	Dobara wahi password daalo
Terms & Conditions	Haan	Padhke tick karna zaroori — medical responsibility disclaimer
Submit Button	—	Admin approve kare tab login milegi (24-48 hrs)

Registration submit hone ke baad turant login nahi milti. Admin pehle verify aur approve karta hai.

## 2. NAVIGATION — Sidebar & Bottom Bar

Login ke baad left side mein navigation sidebar aati hai (desktop) aur screen ke neeche bottom navigation bar (mobile). Har role ko alag menu milta hai.

### 2.1 Doctor Navigation Menu

Menu Item	Icon	Kya Khulta Hai
Dashboard	House icon	Doctor ka main dashboard — stats, recent reports, USG news
Patients	Users icon	Patient list — register, search, view, edit, delete patients
Reports	File icon	Sab reports — search, filter, PNDT Form F, delete
Templates	Grid icon	25 USG report templates — personal + global
Settings	Gear icon	Profile, signature, PNDT, bridge, bills, password
Logout	Arrow icon	Session khatam, login screen pe wapas

### 2.2 Reception Navigation Menu

Menu Item	Kya Khulta Hai
Patients	Patient registration, patient list, worklist, invoices
Reports	Reports list — limited access (view only)
Settings	Profile, password only
Logout	Session khatam

### 2.3 Admin Navigation Menu

Menu Item	Kya Khulta Hai
Dashboard	Doctor dashboard (admin bhi doctor hota hai)
Patients	Sab patients — full access
Reports	Sab reports — full access
Templates	Templates manage karo
Settings	Full settings — staff, AI learning, feedback bhi
Logout	Session khatam

### 2.4 Dealer Navigation Menu

Menu Item	Kya Khulta Hai
Dashboard	Dealer dashboard — clinics, doctors, billing, commission
Logout	Session khatam

### Top Bar (Har Role Mein)

- Credit Balance — top mein dikhta hai current AI credit balance
- Bill Alert (Bell Icon) — agar pending bills hain to orange bell
- User Name — top right mein apna naam dikhta hai
- Floating Chat (bubble, bottom-right) — AI se clinical sawal poochho

## 3. DOCTOR DASHBOARD

### Doctor Role

#### 3.1 Dashboard Stat Cards (4 Cards)

Card	Kya Dikhata Hai	Color
Credits Remaining	Account mein kitne AI credits baaki hain. Ek report = 1	Amber/Gold
Total Patients	Aaj tak total registered patients	Blue
Reports Today	Aaj kitne reports banaye	Green
Total Reports	Lifetime total reports count	Purple

#### 3.2 Add-ons Status Section

Add-on	Kya Karta Hai
Print Images	USG machine se DICOM images report mein print kar sakte ho
Anatomy Diagram	Report mein interactive organ diagram include ho sakta hai
Voice Assist	Microphone se findings bol ke dictate kar sakte ho
Compare Reports	Current report ko previous scan se compare kar sakte ho

#### 3.3 Recent Reports Section

Column	Kya Dikhata Hai
Patient Name	Full naam — click karo to report khule
Study Type	USG type (Abdomen, Obstetric, etc.)
Status	Draft (amber) ya Finalized (green)
Date	Report create date

#### 3.4 USG Medical News Section

- Real-time USG/radiology news articles dikhte hain
- Article title, category (Clinical/Equipment/AI/Guidelines), date
- Refresh button — manually news refresh karo

#### 3.5 Pending Bill Alert & Floating AI Chat

- Bill Alert: Orange bell icon — click karo !' bill details. Dismiss button se band karo.
- Floating Chat (bottom-right): Clinical USG questions poochho AI se

## 4. PATIENTS PAGE [Doctor + Reception]

### 4.1 Patient List — Top Bar Controls

Element	Kya Karta Hai
Search Bar	Patient naam ya study type se search (real-time filtering)
Day Filter	Sirf aaj ke patients dikhao
Month Filter	Is mahine ke patients dikhao
Date Picker + Today	Kisi specific date ke patients. Today button se aaj pe wapas.
Export PDF Button	Current list ko PDF mein export karo
+ New Patient Button	Naya patient register karo — form khulta hai

### 4.2 DICOM Inbox (Machine se aaye SR files)

Element	Kya Karta Hai
DICOM Entry	Machine se aaya DICOM file — patient name, study type, time
Auto-match (High Confidence)	System khud match karta hai — ek button se link karo
Manual Link	Manually patient choose karo for linking
Use DICOM Data Button	Measurements auto-fill ho jaate hain report editor mein
Dismiss Button	Is DICOM entry ko ignore karo
Clear All Button	Poora DICOM inbox clear karo

### 4.3 Patient Card — Har Item Mein

Element	Kya Dikhata Hai / Kya Karta Hai
Patient Name	Full naam — click karo !' report editor
Age & Gender	e.g. "32 yrs / F"
Study Type Badge	Colored badge — Abdomen / Obstetric etc.
Status Badge	Draft (amber) ya Finalized (green)
Date	Registration date
DICOM Images Count	Blue badge — kitne DICOM images linked hain
Open Report Button	Direct report editor mein jaao
Compare Button	Is patient ke reports compare karo (add-on)
Delete Button	Patient aur report delete karo — confirm dialog

### 4.4 New Patient Registration Form — Poore Fields

Field	Required?	Detail
Full Name	Haan	Patient ka poora naam
Age	Optional	Saal mein (0-150)
Gender	Optional	Male / Female / Other
Phone Number	Optional	Mobile number
Billing Amount (Rs)	Optional	Is visit ke liye charge — invoice mein jayega
Study Type	Haan	Dropdown — 25 USG types mein se chuno
Sub-Type	Agar applicable	e.g. Obstetric !' 1st/2nd/3rd Trimester
Referred By	Optional	Referring doctor ka naam — print hoga
Chief Complaint	Optional	Patient ki main taklif / indication
ID Proof Type	Optional	Aadhaar / PAN / Passport / Voter ID
ID Proof Number	Optional	ID card ka number
Companion Name	Optional	Saath aaye attendant ka naam (PNDT)

<b>Companion Relation</b>	Optional	Husband / Father / Son etc.
<b>Companion Phone</b>	Optional	Companion ka phone number
<b>Save &amp; Open Report</b>	—	Patient save + directly report editor opens

## 5. REPORT EDITOR — Complete Detail

### Sirf Doctor Role

Report editor software ka sabse important hissa hai. Yahan doctor measurements daalta hai, AI se report banata hai, edit karta hai, aur print karta hai.

#### 5.1 Top Toolbar — Sab Buttons

Button / Element	Kya Karta Hai	Kab Dikhta Hai
<b>Back Button</b>	Patients list pe wapas jaao	Hamesha
<b>Patient Name (Title)</b>	Current patient ka naam	Hamesha
<b>Study Type Badge</b>	Colored badge — study type	Hamesha
<b>View SR Button</b>	DICOM SR viewer — machine measurements dekhne ke liye	Sirf jab SR linked ho
<b>Print Button</b>	Browser print dialog — A4 pe print karo	Finalized report pe
<b>PDF Button</b>	Print dialog ! Save as PDF	Finalized report pe
<b>+ Diagram Checkbox</b>	Print mein anatomy diagram include/exclude	Diagram add-on active + finalized
<b>+ Growth Charts Checkbox</b>	Print mein fetal charts include/exclude (purple)	OB 2nd/3rd trimester + finalized
<b>Train AI Button (amber glow)</b>	Doctor ke edits AI ko sikhao	Jab doctor ne AI text edit kiya
<b>QA Check Button</b>	Report ki quality check — errors, warnings, score	Draft reports pe
<b>Finalise Button (green)</b>	Report lock ho jaati hai — print enable hoti hai	Draft reports pe

#### 5.2 Study Types — Poori List (25 Types)

#	Study Type	Probe Type	Sub-types
1	Obstetric / Fetal	B-mode, 3.5-5 MHz	1st / 2nd / 3rd Trimester
2	Abdomen USG	B-mode, 3.5-5 MHz curvilinear	—
3	Pelvis / Gynae	B-mode, 3.5-5 MHz	Routine, Follicular Study
4	Thyroid	B-mode + Doppler, 7-12 MHz linear	—
5	Breast	B-mode + Doppler, 10-15 MHz	—
6	Vascular / Doppler	Colour + Spectral Doppler, 7-10 MHz	Carotid / DVT / Peripheral
7	Musculoskeletal	B-mode + Doppler, 7-15 MHz linear	—
8	Fetal Echo	B-mode + Doppler, cardiac eval	—
9	Neonatal Cranial	5-8 MHz, anterior fontanelle	—
10	Small Parts	B-mode + Doppler, 7-12 MHz linear	—
11	Pediatric	5-12 MHz, graded compression	—
12	Interventional	Real-time USG guidance	—
13	KUB USG	B-mode, 3.5-5 MHz curvilinear	—
14	Whole Abdomen USG	B-mode, 3.5-5 MHz curvilinear	—
15	Gynecology USG	B-mode + colour Doppler, 3.5-7.5 MHz	—
16	Chest / Pleural USG	B-mode + M-mode, 3.5-5 MHz	—
17	FAST / Trauma Scan	B-mode, 3.5-5 MHz curvilinear	—
18	Renal Doppler / Transplant	Colour + Spectral Doppler, 3.5-5 MHz	—
19	Prostate / TRUS	Transabdominal 3.5 / TRUS 7.5 MHz	—
20	Endovaginal / Endometrial	Transvaginal probe, 5-9 MHz	—
21	Scrotal / Testicular	B-mode + colour Doppler, 7-15 MHz	—
22	Neck / Parotid / Salivary	B-mode + colour Doppler, 7-15 MHz	—
23	CEUS	CEUS-capable, low MI, SonoVue	—



Elastography

Shear wave or strain elastography



### 5.3 Measurements — Abdomen USG Fields

Field	Example Value
Liver Span	14.2 cm
Liver Echotexture	Normal / Fatty / Cirrhotic
Focal Liver Lesion	None / describe
Portal Vein Diameter	10mm
Gallbladder	Distended, no calculi
GB Wall Thickness	2mm
Common Bile Duct	4mm (normal <6mm)
Pancreas	Normal / Describe
Pancreatic Duct	<2mm
Spleen Size	11.2 x 5.4 cm
Right Kidney	10.4 x 4.8 cm
Left Kidney	10.2 x 4.6 cm
Cortical Thickness	1.5 cm (normal >1.0)
Hydronephrosis	None / Mild / Moderate
Renal Calculi	None / describe
Bladder Wall	Normal, 3mm
Residual Urine	20 ml
Ascites / Free Fluid	None / Mild / Moderate

### 5.4 Measurements — Obstetric 1st Trimester

Field	Example Value
Gestational Sac (GS)	20mm
Yolk Sac	3mm (normal <5mm)
CRL (Crown-Rump Length)	45mm
FHR (Fetal Heart Rate)	162 bpm
NT (Nuchal Translucency)	1.2mm
NB (Nasal Bone)	Present / Absent
EDD (by CRL)	25-Oct-2026
GA by CRL	10w 3d

### 5.5 Measurements — Obstetric 2nd Trimester (14-28w)

Field	Example Value
BPD (Biparietal Diameter)	72mm
HC (Head Circumference)	254mm
AC (Abdominal Circumference)	248mm
FL (Femur Length)	54mm
EFW (Estimated Fetal Weight)	1.2 kg
GA (biometry)	28w 2d
FHR	148 bpm
Presentation	Cephalic / Breech
Placenta	Posterior Grade I
AFI (Amniotic Fluid Index)	12 cm

Umbilical PI	0.92
MCA PI	1.84

## 5.6 Measurements — Obstetric 3rd Trimester (28-40w)

Field	Example Value
BPD	88mm
HC	318mm
AC	310mm
FL	70mm
EFW	2.8 kg
GA (biometry)	36w 1d
EDD (by biometry)	10-May-2026
FHR	144 bpm
UA RI / PI / S/D	Doppler values
MCA PI	Doppler value
Uterine Artery PI	Doppler value

## 5.7 Measurements — Gynecology / Pelvis

Field	Example Value
Uterus Size (L x W x AP)	8.2 x 3.9 x 4.6 cm
Uterus Position	Anteverted / Retroverted
Endometrium	8mm
Fibroids	None / describe size & location
Right Ovary	3.2 x 2.1 cm
Left Ovary	3.0 x 1.9 cm
Ovarian Cyst	None / describe
Adnexal Mass	None / describe
Free Fluid (POD)	None / Minimal / Moderate
Cervix	Normal / describe
Bladder	Normal / describe

Follicular Study additional fields: Cycle Day, Endometrium Thickness, Endometrium Pattern, Dominant Follicle (Side + Size), Follicle Rupture, Corpus Luteum, Other Follicles, POD Free Fluid, Uterine Artery PI (R & L)

## 5.8 Measurements — Thyroid USG

Field	Example Value
Right Lobe (L x W x AP)	4.8 x 1.8 x 1.6 cm
Left Lobe (L x W x AP)	4.6 x 1.7 x 1.5 cm
Isthmus AP	0.4 cm
Echotexture	Normal homogeneous / Heterogeneous
Vascularity	Normal / Increased
Nodule (Size)	None / 8 x 6mm
Nodule Echogenicity	Hypo / Iso / Hyper / Mixed
Nodule Calcification	None / Punctate / Coarse
Nodule Vascularity	Avascular / Peripheral / Internal

**TIRADS Category**

TIRADS 1-5

Cervical Lymph Nodes	Not enlarged / describe
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## 5.9 Measurements — Breast USG

Field	Example Value
Lesion Side	Right / Left / Bilateral
Lesion Location	Right UOQ, 10 o'clock
Lesion Size	1.2 x 0.8 cm
Lesion Shape	Oval / Round / Irregular
Lesion Margins	Circumscribed / Indistinct / Angular
Echogenicity	Anechoic / Hypoechoic / Isoechoic
Posterior Features	Enhancement / Shadowing / None
Vascularity	Avascular / Peripheral / Internal
BI-RADS Category	BI-RADS 1-6
Axillary Lymph Nodes	Normal / Enlarged
Skin Thickening	None / Present

## 5.10 Measurements — Vascular Carotid Doppler

Field	Example Value
Right CCA PSV	72 cm/s
Right ICA PSV	82 cm/s
Right ICA EDV	28 cm/s
Right ICA/CCA Ratio	1.14
Right Plaque/IMT	None / describe
Left CCA PSV	68 cm/s
Left ICA PSV	78 cm/s
Left ICA EDV	25 cm/s
Left ICA/CCA Ratio	1.15
Left Plaque/IMT	None / describe
Vertebral Arteries	Bilateral antegrade / describe
Stenosis %	<50% / 50-70% / >70%

## 5.11 Measurements — Musculoskeletal USG

Field	Example Value
Region Examined	Right shoulder / Left knee
Soft Tissue	No swelling / Swelling — describe
Supraspinatus Tendon	Intact / Partial tear / Full tear
Infraspinatus Tendon	Intact / Partial tear
Subscapularis Tendon	Intact / Partial tear
Long Head Biceps	Normal / Effusion / Rupture
Bursa	Not distended / Bursitis — describe
Joint Effusion	None / Mild / Moderate
Bone Surface / Cortex	Intact / Irregularity / Osteophyte
Muscle	Normal / Atrophy / Hematoma
Lymph Nodes	Not enlarged / Enlarged — describe

## 5.12 AI Report Generation — Pouri Detail

Option / Button	Kya Karta Hai	Cost
<b>Generate with AI Button</b>	GPT-4o ko sab measurements bheja !' Findings +	1 credit
<b>Regenerate Button</b>	Nayi AI report — agar pehli theek nahi lagi	1 credit
<b>Findings Text Area</b>	AI ka likha ya doctor khud — freely editable	Free
<b>Impression Text Area</b>	Report ka summary/conclusion — AI ya manual	Free
<b>Personal Templates</b>	Saved templates !' 1 click mein auto-fill	Free
<b>Global Templates</b>	Softcode pre-built templates as base	Free
<b>Save Draft</b>	Auto-save + manual save button	Free

AI kya consider karta hai: Patient Name, Age, Gender, Study Type, Sub-type, Sab measurement fields, Chief Complaint, Doctor ki personal AI training history

### 5.13 Voice Input, QA Check, Train AI

Feature	Kaise Use Karein	Cost
<b>Voice Input (Add-on)</b>	Microphone button click !' English/Hinglish bolo !'	Add-on pricing
<b>QA Check</b>	QA Check button !' AI errors, warnings, quality score (0-100) dekhna hai	1 credit per check
<b>Train AI</b>	Doctor AI text edit kare !' amber button glow !' click	Free
<b>Compare Reports (Add-on)</b>	Compare button !' previous report select !' side-by-side diff	Add-on pricing
<b>DICOM SR View</b>	View SR button !' SR measurements dekhna !' Auto-fill button !' fields fill	Free

### 5.14 Fetal Growth Charts (OB 2nd & 3rd Trimester Only)

Chart Group	Charts Available	Reference
<b>Biometry</b>	BPD (blue), HC (purple), AC (cyan), FL (green)	Hadlock / INTERGROWTH-21st
<b>Est. Fetal Weight</b>	EFW (amber/gold)	Hadlock formula
<b>Doppler Indices</b>	UA-PI, UA-RI, UA S/D, Uterine PI, MCA-PI	Arduini & Rizzo / Mari

- Colored gradient band — P5 se P95 normal range
- Bold P50 line — median (expected value)
- Red dot with glow — patient ka current measurement
- Percentile badge — P42 = green (normal), P8 = orange (borderline), <P5 = red (abnormal)
- Print mein include karne ke liye: + Growth Charts checkbox tick karo (purple, toolbar mein)

### 5.15 Finalise, Print & PDF

Action	Button	Kya Hota Hai
<b>Finalise Report</b>	Green Finalise button	Report lock — editing band. Print/PDF enable.
<b>Print Report</b>	Print button	Browser print dialog !' A4 paper pe print
<b>Save as PDF</b>	PDF button	Print dialog !' Save as PDF !' .pdf save
<b>+ Diagram Toggle</b>	Cyan checkbox	Anatomy diagram include/exclude in print
<b>+ Growth Charts Toggle</b>	Purple checkbox (OB)	Fetal growth charts include/exclude in print

#### What Prints on the Report:

- Hospital/clinic header (name, PNDDT Reg. No.)

- Report date + Report ID
- Study type title bar
- Patient information table (Name, Age/Sex, Referred By, Date, Sonologist)
  - Measurements table — sab filled fields
  - Anatomy Diagram (optional — + Diagram checkbox)
  - Findings (detailed medical text)
  - Impression (summary/conclusion — amber box mein)
  - Fetal Growth Charts (optional — OB 2nd/3rd only)
    - PNDDT compliance note (automatic for obstetric)
    - Doctor digital signature + name + degree + reg no. + stamp box
    - Generation timestamp + Report ID + "AI Assisted" label

## 6. REPORTS PAGE [Doctor + Reception]

### 6.1 Reports List — Controls

Element	Kya Karta Hai
Search Bar	Patient name ya study type se search karo
Day / Month Filter	Sirf aaj ya is mahine ke reports dikhao
Date Picker + Today	Specific date ke reports
Export PDF Button	Current filtered list ko PDF export karo
Export CSV Button	Excel-compatible CSV file export karo

### 6.2 Reports Table — Columns

Column	Kya Dikhata Hai
Patient Name	Click karo !' Report Editor
Age / Sex	Age in years, M/F/O
Study Type	Colored badge
Status	Draft (amber) / Finalized (green)
Date	Report create karne ki date
PNDT Button	PNDT Form F khulta hai — sirf Obstetric reports ke liye
Delete Button	Report delete karo — confirm dialog. Finalized pe extra warning.

### 6.3 PNDT Form F — Auto Fill Fields

Field	Auto-fill / Manual
Patient Name	Auto-fill from report
Husband / Father Name	Manual entry karo
Patient Age / Date of Birth	Auto-fill from report
Patient Address	Manual entry
Registered Center Name	Auto-fill from Settings
Center Address	Auto-fill from Settings
Sonologist Reg. No.	Auto-fill from Profile
Referred By / Sonologist Name	Auto-fill from report
Type of Test	Auto-fill — "Ultrasonography"
Purpose of Test	Manual entry
Date of Examination	Auto-fill from report date

## 7. TEMPLATES PAGE [Doctor]

25 pre-built USG report templates available hain. Doctor personal templates bhi save kar sakta hai.

### 7.1 Template Categories (25 Types)

#	Template Name	Kya Hai
1	Obstetric / Fetal	All trimester OB templates
2	Abdomen USG	Upper abdomen standard
3	Pelvis / Gynae	Routine + Follicular Study
4	Thyroid	With TIRADS
5	Breast	With BI-RADS
6	Vascular / Doppler	Carotid, DVT, Peripheral
7	Musculoskeletal	Shoulder, knee, etc.
8	Fetal Echo	Cardiac evaluation
9	Neonatal Cranial	Fontanelle scan
10	Small Parts	Salivary, lymph nodes etc.
11	Pediatric	Child abdominal
12	Interventional	USG-guided procedures
13	KUB USG	Kidney Ureter Bladder
14	Whole Abdomen	Full abdomen survey
15	Gynecology USG	Dedicated gynec
16	Chest / Pleural	Pleural effusion, pneumothorax
17	FAST / Trauma	Emergency trauma scan
18	Renal Doppler	Renal transplant assessment
19	Prostate / TRUS	Prostate volume, PSA correlation
20	Endovaginal	TVS findings
21	Scrotal / Testicular	Orchitis, varicocele, torsion
22	Neck / Parotid	Salivary gland, lymph nodes
23	CEUS	Contrast-enhanced USG
24	Elastography	Liver stiffness, strain wave
25	3D / 4D Obstetric	Volumetric fetal imaging

### 7.2 Template Actions

Action	Kya Hota Hai
<a href="#">View Template</a>	Template ka default findings text dekhna
<a href="#">Save as Personal</a>	Modify karo + apni personal library mein save karo
<a href="#">Use in Report</a>	Report editor mein 1 click se template text paste
<a href="#">Delete Personal Template</a>	Apna saved template hata do

## 8. SETTINGS PAGE — Sab Tabs

Settings sidebar ke gear icon se open hoti hai. 10 tabs hain. Kuch tabs sirf Admin ko dikhte hain.

### 8.1 Tab: Profile

Field / Info	Kya Hai	Print Mein?
Full Name	Doctor ka naam (read-only display)	Haan
Email	Login email	Nahi
Role	Doctor / Reception / Admin	Nahi
Hospital / Clinic	Clinic ka naam — report header mein print	Haan
Registration No. (PNDT)	PNDT reg number — obstetric reports pe (legal)	Haan
Degree	MBBS / MD Radiology / DMRD etc.	Haan
AI Version	Current AI model — read-only	Nahi
Credits Remaining	Current credit balance	Nahi
Reception Code	Unique code — reception staff ko do link ke liye	Nahi
Copy Code Button	Reception code clipboard pe copy karo	—
Clinic Address	Full address — text area mein daalo	Optional
Clinic Contact Number	Phone number	Optional
Save Clinic Info Button	Address aur phone save karo	—

### 8.2 Tab: My Bills

Section / Button	Kya Dikhata Hai
Credit Balance Card	Total credits remaining (large display)
Bills Used Card	Kitne credits use ho chuke hain
Total Charged Card	Total rupees ka bill jo dealer ne charge kiya
Filter Buttons	All / Paid / Unpaid / Pending bills filter karo
Download Bills PDF	Sab bills ki PDF download karo
Bills Table	Date, Bill Amount, Breakdown (add-on wise), Status
Add-on Breakdown	Voice use x Rs, Diagram use x Rs — exact breakdown

### 8.3 Tab: Password

Field	Detail
Current Password	Abhi ka password daalo (verification ke liye)
New Password	Naya password — min 6 characters
Confirm New Password	Dobara naya password daalo
Change Password Button	Submit !' success pe confirmation aata hai

### 8.4 Tab: Signature

Element	Kya Karta Hai
Current Signature Preview	Abhi upload ki hui signature dikhti hai
Upload Signature Button	Computer se signature image select karo (PNG/JPG)
Remove Signature Button	Current signature hata do
Click to Upload Area	Drag-drop ya click to browse
Save Signature Button	Signature save karo — next print se use hogi

### 8.5 Tab: PNDDT

Element	Kya Karta Hai
<b>PNDT Registration Link Field</b>	Certificate ka URL/link daalo (online access ke liye)
<b>Save Button</b>	Link save karo — local storage mein

## 8.6 Tab: Local Bridge (DICOM Setup)

Section / Element	Kya Karta Hai
<b>Storage Folder Path</b>	Windows PC pe DICOM files save karne ka path — e.g. C:\ProgramData\Softcode\Dicom
<b>AE Title</b>	DICOM AE Title — default SOFTCODE_USG — max 16 chars, no spaces
<b>Save Bridge Settings</b>	Path aur AE Title save karo
<b>Generate Bridge Token Button</b>	Unique secure token generate karo — bridge authenticate karta hai
<b>Copy Token Button</b>	Token clipboard pe copy karo
<b>Download Bridge JS Button</b>	softcode-bridge.js download karo
<b>Download Installer Button</b>	SoftcodeBridgeInstaller.bat download karo — Run as Administrator
<b>Push to Bridge Button</b>	Current worklist manually bridge ko bhejo
<b>Bridge Status Check</b>	Live ping — bridge running check karo
<b>DICOM Config Snippet</b>	IP, Port (4145), AE Title — copy buttons ke saath
<b>Storage SCP Guide Accordion</b>	8 USG machine brands — step-by-step instructions
<b>MWL Worklist Guide Accordion</b>	8 machine brands ke liye Worklist Server setup guide

## 8.7 Tab: Live Chat

Element	Kya Hai
<b>Chat Interface</b>	Softcode support team se direct message karo
<b>Message Input</b>	Message type karo aur Enter ya Send karo
<b>Chat History</b>	Previous messages dikhte hain
<b>Online Status</b>	Support team online hai ya nahi

## 8.8 Tab: Reception Staff [Admin Only]

Element	Kya Karta Hai
<b>Reception Staff List</b>	Linked staff — naam, email, status
<b>Add Reception Staff</b>	Naya reception account create karo
<b>Remove Staff</b>	Staff ka access remove karo
<b>Reception Code</b>	Doctor ka unique code for staff linking

## 8.9 Tab: AI Learning [Admin Only]

Element	Kya Karta Hai
<b>AI Training Stats</b>	Kitne reports par AI training — per study type
<b>Reset AI Training Button</b>	Poori personal training data delete — AI default pe
<b>Training Quality Score</b>	AI ne kitna seekha — percentage

## 8.10 Tab: Feedback [Admin Only]

Element	Kya Hai
<b>Type Selector</b>	Software Issue ya HL7 Monthly Feedback
<b>Message Textarea</b>	Problem describe karo ya suggestion likho
<b>Submit Button</b>	Feedback Softcode Admin ke paas jaati hai
<b>Feedback History</b>	Previous feedbacks aur Admin ke replies

## 9. ADMIN PAGE — Complete Detail

### Admin Role

#### 9.1 Admin Dashboard — Top Stats (5 Cards)

Card	Kya Dikhata Hai
Total Doctors	Registered doctors ki total count
Active Doctors	Abhi active accounts count
Total Billed (Rs)	Sab doctors ko mila ke total bills — sum
Amount Pending (Rs)	Unpaid bills ka total — collection pending
Total Cleared (Rs)	Jo bills pay ho chuke hain

#### 9.2 AI Usage Stats Section

Stat	Kya Dikhata Hai
Total Reports	Kul AI reports generate huye
Total Tokens	GPT-4o tokens consumed
Cost (USD)	Approx. dollar cost — \$2.50/1M input, \$10/1M output tokens
Cost (INR)	USD x 84 = INR equivalent
Per-Doctor Breakdown	Har doctor ka usage — reports, tokens, cost
Per-Template Breakdown	Kaunsa study type sabse zyada use hua
Export AI Data Button	AI usage data CSV mein export karo

#### 9.3 Feedback Inbox, Master Bill, Registrations

Button / Section	Kya Hai
Feedback Inbox Button	Pending feedbacks — count badge. Click !' doctor feedbacks list. Admin
Master Bill Button	Overall billing summary — sab doctors ke bills ek saath
Registrations Button	Pending doctor registrations — View, Approve, Reject (with reason)

#### 9.4 Doctor List — Individual Doctor Controls

Section / Control	Kya Karta Hai
Doctor Info	Name, email, clinic, degree, reg no. dikhta hai
Voice Assist Toggle	Doctor ke liye voice input on/off
Anatomy Diagram Toggle	Doctor ke liye diagram on/off
Compare Reports Toggle	Doctor ke liye compare feature on/off
Print Images Toggle	Doctor ke liye image printing on/off
Credit Price Field	Is doctor ke liye ek credit ka price set karo (Rs per credit)
Set Price Button	Custom price save karo
Credits Used This Month	Editable field — manual correction ke liye
Generate Bill Button	Monthly bill generate karo — credits x price = amount
Mark Bill Paid Button	Bill paid mark karo — history mein Paid status
Deactivate Button	Doctor ka login band karo — data safe rehta hai
Reactivate Button	Phir se activate karo

#### 9.5 Company / Vendor Profile Fields

Field	Kya Hai
<b>Business / Clinic Name</b>	GST invoice pe print hoga
<b>Owner / Director Name</b>	Responsible person ka naam
<b>Address</b>	Business address
<b>City, State</b>	e.g. Mumbai, Maharashtra
<b>Phone Number</b>	Business phone
<b>Email ID</b>	billing@softcode.in
<b>GSTIN</b>	GST registration number — invoices pe
<b>PAN Number</b>	PAN card number
<b>Account Number</b>	Bank account number
<b>Bank Name</b>	e.g. HDFC Bank
<b>IFSC Code</b>	e.g. HDFC0001234
<b>UPI ID</b>	e.g. softcode@upi — payment ke liye

## 10. DEALER DASHBOARD — Complete Detail

### Dealer Role

#### 10.1 Dealer Code — Top Section

Element	Kya Hai
Dealer Code Display	Dealer ka unique code — e.g. DLR-A3X9 — doctors ko do registration ke
Copy Code Button	Code clipboard pe copy karo

#### 10.2 Dealer Stats Cards (4 Cards)

Card	Kya Dikhata Hai	Color
Linked Doctors	Kitne doctors is dealer se linked hain	Blue
Credits Used	Linked doctors ne total kitne credits use kiye	Purple
Total Billed (Rs)	Total amount jo dealer ne doctors se charge kiya	Amber
Your Profit (Rs)	Dealer ki net profit	Green

#### 10.3 Linked Doctors Accordion

Column	Kya Dikhata Hai
Doctor Name	Full naam
Clinic Name	Doctor ka hospital
Credits Used	Total lifetime usage
Total Billed	Dealer ne doctor ko kitna charge kiya
Profit	Dealer ka profit from this doctor
Status	Active / Deactivated

#### 10.4 Request Profit Payout

Element	Kya Karta Hai
Payout Request Button	Softcode Admin ko payout reminder bhejo
Can Request Condition	Sirf tab active jab profit pending ho
Already Sent Message	"Payout reminder already sent to admin" dikhta hai

## 11. BILLING & CREDIT SYSTEM

### 11.1 Credit Usage — Kya Kitna Lagta Hai

Action	Credits	Notes
AI Report Generate karna	1 credit	Per generation
AI Report Regenerate karna	1 credit	Har regeneration pe
QA Check karna	1 credit	Per QA check
Voice Input (Add-on)	Add-on price	Dealer sets rate
Anatomy Diagram (Add-on)	Add-on price	Dealer sets rate
Compare Reports (Add-on)	Add-on price	Dealer sets rate
Patient registration	0 — Free	—
Report view / edit / print	0 — Free	—
Invoice generate karna	0 — Free	—
DICOM Bridge use karna	0 — Free	—
Templates use karna	0 — Free	—

### 11.2 Low Credit Warning & Recharge

- 10 credits se kam hone par — top bar mein orange warning
- 0 credits pe — AI Generate button disable ho jaata hai
- Existing reports dekhna aur print karna hamesha free hai
- Recharge ke liye apne Dealer se contact karo

## 12. LOCAL BRIDGE — DICOM Integration

### 12.1 Installer — Kya Automatic Hota Hai

- 1 Node.js check — agar nahi hai to install karta hai
- 2 Bridge folder create karta hai — C:\SoftcodeBridge\
- 3 Bridge JS file copy karta hai
- 4 Windows Firewall mein inbound rule add — Port 4145 TCP allow
- 5 Windows Defender exclusion add — bridge folder ke liye
- 6 Task Scheduler mein "SoftcodeBridgeTray" task create — ONLOGON trigger, 30 sec delay, highest privilege
- 7 Bridge immediately start karta hai

### 12.2 Bridge Capabilities

Feature	Protocol	Kya Karta Hai
DICOM C-STORE SCP	4145 / DICOM	USG machine se SR aur images receive karta hai
DICOM C-FIND SCP (MWL)	4145 / DICOM	USG machine ko worklist (today patients) bhejta hai
HTTP REST API	4145 / HTTP	Softcode cloud se communicate — token auth

### 12.3 USG Machine Setup — 8 Brands

Brand	Menu Path	Settings
Samsung (Medison)	System Menu !' Setup !' Network !' DICOM !' Worklist SCP	AE Title, IP, Port: 4145, Mode: MWL
GE (Voluson/Logiq)	Config !' Connectivity !' DICOM !' Devices !' Add !' Worklist SCP	AE Title, IP, Port: 4145 !' Save & Ping
Philips	System !' Connectivity !' DICOM !' Worklist Server !' Add	AE Title, IP, Port: 4145 !' Verify
Mindray	System !' Configuration !' Connectivity !' DICOM !' Worklist Add	AE Title, Host/IP, Port: 4145
SonoScape	System !' Network !' DICOM Servers	Type: Worklist, AE Title, IP, Port: 4145
Chison	Setup !' Network !' DICOM !' Add Server	AE Title, IP, Port: 4145, Type: Storage SCU
Toshiba / Canon	Patient !' DICOM Setting !' Remote Host	AE Title, IP, Port: 4145
Voluson	Same as GE above	Same as GE

Both Storage SCP aur Worklist MWL ke liye same IP aur Port 4145 use karo — bridge ek hi port pe dono handle karta hai.

## 13. PNDD ACT COMPLIANCE

Softcode USG AI Assist Pre-Conception and Pre-Natal Diagnostic Techniques (PC-PNDD) Act, 1994 ke saath fully compliant hai.

Compliance Feature	Softcode Kaise Handle Karta Hai
<b>No sex determination</b>	AI programmed hai — kabhi bhi fetal sex mention ya determine nahi
<b>Mandatory disclaimer</b>	Automatic obstetric report pe — "Sex NOT determined or disclosed"
<b>Registration number</b>	Doctor ka PNDD Reg. No. report header aur compliance note pe
<b>Report audit trail</b>	Har report mein Report ID + timestamp + doctor identity logged
<b>Centre registration</b>	Centre Reg. No. report footer mein

**IMPORTANT:** PNDD Registration Number Settings !' Profile !' PNDD Reg. No. mein correctly enter karein. Reports without this number are not legally compliant.

## 14. LOGOUT — Session Management

### 14.1 Logout Kaise Karein

- 1 Left sidebar ke neeche Logout button hai (arrow icon ke saath)
- 2 Ya mobile bottom bar mein bhi logout icon hai
- 3 Click karo !' session immediately khatam hoti hai
- 4 Login screen pe wapas aa jaate hain

### 14.2 Session Behavior

Scenario	Kya Hoga
<b>Remember Me: Tick kiya tha</b>	Browser band karo, dobara kholo !' apne aap logged in. Manually
<b>Remember Me: Tick nahi kiya</b>	Browser tab band !' session khatam !' login screen dobara
<b>Lamba time inactive</b>	Session auto-expire ho sakti hai !' login phir se
<b>Same account multiple tabs</b>	Allowed — same session share karti hai
<b>Same account multiple devices</b>	Allowed — laptop + phone dono pe ek saath login

Security: Shared computers pe hamesha manually logout karo. "Remember Me" tick mat karo shared workstations pe.

## 15. QUICK REFERENCE — Feature Access Table

Feature	Doctor	Reception	Admin	Dealer
Register patient	Yes	Yes	Yes	No
Create AI report	Yes	No	Yes	No
Print report	Yes	No	Yes	No
Generate invoice	Yes	Yes	Yes	No
Manage doctors	No	No	Yes	Yes (limited)
View billing	Own only	No	All	Own
Toggle add-ons	No	No	Yes	No
Set credit price	No	No	Yes	No
DICOM bridge setup	Yes	No	Yes	No
Approve registrations	No	No	Yes	No
View patient data	Yes	Yes	Yes	No (privacy)
PNDT Form F	Yes	No	Yes	No
AI training data	Yes	No	Yes (all)	No

Softcode USG  
 AI Assist |  
 Version 3.0 |  
 GPT-4o  
 Powered |  
 PNDT  
 Compliant |  
 DICOM Ready  
 Yeh document  
 confidential hai  
 — sirf  
 authorized  
 Softcode users  
 ke liye