



Vigorus AI Private Limited

Company Capability Overview & Healthcare AI Agent Suite

Healthcare DeepTech AI | Clinical & Operational AI Agents | Enterprise Blockchain PHR

Clinical Documentation Voice-to-EMR, case papers, prescriptions, discharge summaries and IPD notes.	Radiology, OCR & Nursing Radiology reporting, handwritten record digitisation, nursing intake and triage support.	Claims, PHR & HIMS Claim readiness, secure longitudinal health records and Chikitsa HIMS integration.
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Purpose of this document

This combined document presents Vigorus AI as a healthcare DeepTech company and explains the AI agent suite in a simple, implementation-ready manner. It combines company capability, agent use cases, Chikitsa HIMS ecosystem, enterprise blockchain PHR capability, and government/enterprise engagement areas.

Prepared for	Government, public healthcare institutions, hospitals, HIMS partners and enterprise healthcare stakeholders
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Document type	Combined company profile and product capability document

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Positioning statement

We are building India-focused healthcare AI infrastructure that can work with existing HIMS/EMR platforms as well as complete healthcare management ecosystems such as Chikitsa.

1. Executive Overview

We have created a connected healthcare AI agent suite that supports hospitals across clinical documentation, radiology reporting, clinical decision support, nursing intake, handwriting digitisation, claim readiness, and secure health record exchange.

Our agents understand doctor voice, recorded audio, handwritten notes, scanned documents, patient conversations, radiology inputs, EMR data, and claim files. They convert this unstructured information into structured clinical and operational outputs that can be reviewed and approved by healthcare professionals.

Simple product statement

Doctor speaks, nurse captures, radiologist dictates, claim team uploads, and patient explains symptoms. Our agents convert all of this into structured healthcare data.

Capability Area	What we solve	Primary Users
Clinical documentation	Speech-to-EMR, case paper, prescription, discharge summary and progress note generation.	Doctors, EMR users
Radiology reporting	Voice-based report drafting, template-based reports and quality checks.	Radiologists, diagnostic centers
Patient and CDSS support	Symptom capture, department routing, patient summary and clinical prompts.	Doctors, patients, front desk
Medical OCR	Handwritten prescription, scanned case paper and claim document digitisation.	Doctors, pharmacy, MRD, claims
Nursing documentation	Nursing intake, vitals, triage and handover capture.	Nurses, triage teams
Claim readiness	Document validation, package-treatment checks, missing document detection and evidence pack support.	Billing teams, TPAs, insurers
Secure health records	Enterprise blockchain PHR for auditable and patient-centric health record exchange.	Hospitals, government, citizens

2. Company Snapshot

Legal Name	Vigorus AI Private Limited
Earlier Name	Vigorus Healthtech Private Limited
Startup Recognition	Registered startup under Startup India and iStart Rajasthan
iStart Rajasthan ID	5F7C91B
Recognition	Comes under Top 10 HealthTech AI startups as per Tracxn ranking, as shared by the company
Sector	Healthcare DeepTech AI, Digital Health, HIMS/EMR AI Integration, Clinical and Operational Automation
Core Products / Solutions	VoiceMD, Lipi AI, Radibot, Sahyogi, ClaimIQ, LangDoc, Chikitsa, Enterprise Blockchain-based PHR
Primary Customers / Users	Hospitals, clinics, HIMS companies, diagnostic providers, insurance workflows, healthcare administrators and government healthcare ecosystems
Integration Model	AI agents can integrate with any HIMS/EMR solution through APIs and workflow-level integrations

3. About Vigorus AI

Vigorus AI Private Limited is a healthcare-focused DeepTech AI company working at the intersection of clinical intelligence, hospital operations, digital health transformation, and secure healthcare data exchange.

We develop practical AI-led healthcare products and AI agents that help hospitals, clinics, HIMS providers, insurance workflows, and government healthcare ecosystems improve documentation quality, operational efficiency, patient experience, claim accuracy, and transparency.

Our AI agents can be integrated with existing Hospital Information Management Systems and Electronic Medical Record platforms. They are designed to support real hospital users without forcing a complete workflow change.

Area	Statement
Vision	To build India-focused healthcare AI infrastructure that improves the quality, speed, accessibility, transparency, and affordability of healthcare delivery.
Mission	To support hospitals, doctors, government institutions, and healthcare technology companies with safe, practical, and workflow-ready AI systems.
Core Belief	Healthcare AI should assist clinicians and administrators without disrupting existing workflows, while strengthening data security, interoperability, and patient-centric care.

4. Strategic Focus Areas

Focus Area	What it means
AI Agents for Hospitals and HIMS Platforms	Plug-and-play AI agents that can connect with existing HIMS/EMR systems.
Clinical Workflow Automation	AI assistance for doctors, nurses, radiologists and clinical teams.
Operational Automation	AI support for appointment booking, patient communication, hospital desk operations, billing and claims.
AI-driven Documentation	Voice-to-clinical-note, structured prescriptions, discharge summaries, radiology reports and medical record structuring.
Claims and Insurance Intelligence	AI-supported claim preparation, document validation, coding assistance and NHCX-ready claim workflows.
Enterprise Blockchain PHR	Secure, auditable and tamper-resistant Personal Health Record capability for longitudinal health records.
Chikitsa HIMS Ecosystem	A healthcare management platform that can combine hospital workflow management with Vigorus AI agents.

Why this matters for government healthcare

Government hospitals require scalable digital systems that improve documentation, reduce administrative burden, maintain auditability, support interoperability, and strengthen service delivery across facilities.

5. Healthcare AI Agent Suite Overview

The agent suite is designed as a connected automation layer. Each agent solves a specific healthcare workflow problem, and multiple agents can work together across OPD, IPD, radiology, nursing, claim, and record-sharing workflows.

AI Agent	Simple Meaning	Primary Users
VoiceMD	Doctor speaks and EMR/case paper gets created.	Doctors, EMR users
Radibot	Radiologist speaks or provides imaging context and report gets created.	Radiologists, diagnostic centers

Sahyogi	Patient shares symptoms and the system creates history, routing, and CDSS insights.	Doctors, patients, front desk
ClaimIQ	Claim documents are checked for completeness, correctness, package alignment and claim readiness.	Billing teams, TPAs, insurers
Lipi AI	Handwritten prescriptions and scanned documents become digital structured data.	Doctors, pharmacy, MRD, claims
LangDoc	Nursing intake, vitals, triage and patient history are captured through voice/conversation.	Nurses, triage teams

Agent Suite Map

Connected healthcare workflow

Patient conversation	History capture	Doctor consultation	EMR / report generation	Claim readiness	Final record sharing
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The same patient journey can use different agents at different stages. This reduces repeated manual entry and creates structured data from the first interaction.

Workflow Area	Agent Support
OPD consultation	Sahyogi captures history, VoiceMD creates EMR, and Lipi digitises handwritten inputs if needed.
IPD care	LangDoc captures nursing notes, VoiceMD records progress notes, and Sahyogi creates patient summaries.
Radiology	Radibot creates structured radiology reports from dictation and imaging context.
Claims	Lipi extracts data from documents, and ClaimIQ validates claim readiness and package alignment.
Discharge	VoiceMD drafts discharge summaries, and ClaimIQ checks document readiness for insurance workflows.

6. Detailed AI Agents and Use Cases

6.1 VoiceMD - Speech-to-EMR Agent

VoiceMD is our medical speech-to-text and speech-to-EMR agent. It helps doctors create structured medical records by speaking instead of typing.

Mode	How it works	Best used for
Real-time mode	The doctor speaks during consultation. Transcript appears live and EMR fields can be filled in real time.	Live OPD/IPD consultations and real-time EMR filling.
Recorded mode	The doctor records consultation or dictation. After recording, VoiceMD generates a structured case paper, EMR note, prescription, or discharge summary.	Busy OPD, offline dictation, discharge summaries and case paper generation.

Use Case 1: OPD Consultation Note

Problem	Doctors spend a lot of time typing OPD notes after seeing each patient.
How our agent helps	The doctor can speak naturally during consultation. VoiceMD listens, transcribes, extracts medical details, and creates a structured OPD note.
Output	Chief complaint, history, examination findings, diagnosis, prescription, investigation advice, and follow-up advice.
Simple example	A patient comes with fever and cough. The doctor speaks during consultation. VoiceMD creates a clean OPD note without the doctor typing everything manually.

Use Case 2: Real-Time EMR Filling

Problem	Doctors need to fill many EMR fields while also talking to the patient. This slows down consultation.
How our agent helps	VoiceMD listens to the doctor and automatically maps spoken information into the right EMR sections.
Output	Complaint, history, vitals, diagnosis, medicines, investigations, advice, and clinical notes.
Simple example	While the doctor says “order CBC and chest X-ray,” those investigations can be added into the EMR automatically for review.

Use Case 3: Structured Case Paper Generation

Problem	Many hospitals still maintain case papers in an unstructured way, which makes records difficult to read and reuse.
How our agent helps	The doctor records or dictates the consultation. VoiceMD converts the audio into a clean case paper using the hospital’s preferred format.
Output	Structured patient complaint, medical history, clinical findings, diagnosis, treatment plan, prescription, and advice.
Simple example	The doctor records the whole consultation. VoiceMD generates a case paper that can be saved, printed, or pushed to EMR.

Use Case 4: Prescription Creation

Problem	Typing medicine name, strength, frequency, duration, and instructions is repetitive for doctors.
How our agent helps	The doctor speaks the prescription. VoiceMD extracts each medicine detail into structured prescription fields.

Output	Drug name, strength, dosage, route, frequency, duration, and patient instructions.
Simple example	Input: “Give amoxicillin 500 mg three times daily for five days after food.” Output: medicine, dose, frequency, duration, and instruction fields are created.

Use Case 5: Discharge Summary Drafting

Problem	Discharge summaries are time-consuming because the doctor must summarize the entire admission journey.
How our agent helps	The doctor dictates the hospital course, diagnosis, treatment, investigations, surgery details, medicines, and follow-up advice. VoiceMD creates a discharge summary draft.
Output	Admission diagnosis, final diagnosis, hospital course, treatment given, investigation summary, discharge medicines, follow-up advice, and warning signs.
Simple example	Before discharge, the doctor speaks the case summary once. VoiceMD prepares the discharge summary for doctor review and final approval.

Use Case 6: IPD Progress Notes

Problem	During ward rounds, doctors need to update patient progress daily, which is often missed or written late.
How our agent helps	The doctor dictates progress during rounds. VoiceMD converts it into a daily IPD progress note.
Output	Current condition, vitals summary, treatment changes, investigation updates, doctor instructions, and next plan.
Simple example	Doctor says: “Patient stable, fever reduced, continue antibiotics, repeat CBC tomorrow.” VoiceMD creates the IPD progress note.

6.2 Radibot - Radiology AI Agent

Radibot is our radiology AI agent. It helps radiologists generate structured reports using voice dictation, imaging context, or existing report inputs. It can support X-ray, CT, MRI, ultrasound, and other radiology workflows.

Use Case 1: Voice-Based X-ray Report

Problem	Radiologists repeatedly type similar X-ray reports, which takes time and slows reporting turnaround.
How our agent helps	The radiologist opens the image and speaks the findings. Radibot converts the dictation into a structured radiology report.
Output	Modality, findings, negative findings, impression, and optional advice.
Simple example	Radiologist says: “Chest X-ray shows mild bilateral lower zone infiltrates, no pleural effusion, cardiac size normal.” Radibot creates a structured chest X-ray report.

Use Case 2: CT / MRI Report Drafting

Problem	CT and MRI reports are detailed and require proper section-wise formatting.
How our agent helps	Radibot uses modality-specific templates. The radiologist dictates freely, and the system places content into the correct sections.
Output	Study type, clinical indication, findings, measurements, impression, and recommendation.
Simple example	For MRI Brain, the radiologist dictates findings and Radibot arranges the report under the MRI Brain template.

Use Case 3: Client-Specific Report Format

Problem	Every hospital or diagnostic center may use a different report style and heading structure.
How our agent helps	Radibot can be configured with client-specific headings, layouts, templates, header/footer, and signature details.
Output	Report in the client's format, such as Findings + Impression, Observation + Conclusion, or detailed paragraph format.
Simple example	One client may want "Findings and Impression." Another may want "Observation, Conclusion, Advice." Radibot can generate both formats.

Use Case 4: Radiology Finding Assistance

Problem	Radiology users may need help summarizing visible findings or turning rough observations into a structured report.
How our agent helps	The user provides a radiology image or existing report context. Radibot assists with finding summary and impression drafting for radiologist review.
Output	Possible findings, structured summary, impression draft, missing detail checks, and final report format.
Simple example	If an X-ray is uploaded, Radibot can assist with key visible areas of concern and prepare a draft for radiologist approval.

Use Case 5: Report Quality Check

Problem	Reports sometimes miss important details like left/right side, measurement, comparison, or final impression.
How our agent helps	Radibot checks whether mandatory report fields are present before final approval.
Output	Alerts for missing laterality, measurement, prior comparison, impression, or required template fields.
Simple example	If the report says "fracture seen" but does not mention left or right side, Radibot alerts the user to add laterality.

6.3 Sahyogi - Doctor Assistant and CDSS Agent

Sahyogi is our doctor-assistant and clinical decision support agent. It can talk to the patient, collect symptoms, ask follow-up questions, recommend the right department, and provide clinical insights to the doctor. It supports clinical judgment but does not replace the doctor.

Use Case 1: Patient History Collection

Problem	Doctors spend valuable time asking basic history questions before reaching the actual diagnosis discussion.
How our agent helps	Sahyogi asks the patient simple symptom-related questions and prepares a structured history before the doctor sees the patient.
Output	Main complaint, duration, associated symptoms, negative symptoms, red flags, past history, medication history, and allergy information.
Simple example	Patient says, "I have fever." Sahyogi asks since when, any cough, any body pain, any breathlessness, any vomiting, and any existing illness.

Use Case 2: Department Recommendation

Problem	Patients often do not know whether they should go to medicine, orthopedics, cardiology,
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	dermatology, gynecology, or emergency.
How our agent helps	Sahyogi asks basic questions and recommends the most suitable department based on symptoms and severity.
Output	Suggested department, urgency level, and reason for routing.
Simple example	If a patient says “knee pain after falling,” Sahyogi suggests Orthopedics. If a patient says “chest pain with sweating,” it suggests Emergency/Cardiology priority.

Use Case 3: Pre-Consultation Assistant

Problem	Doctors need a quick patient summary before the consultation starts.
How our agent helps	Before the patient enters the doctor’s room, Sahyogi collects symptoms and prepares a simple summary for the doctor desk.
Output	Patient complaint summary, symptom duration, important positives, important negatives, red flags, and suggested doctor questions.
Simple example	By the time the doctor opens the patient file, the basic history is already available in a clean format.

Use Case 4: Doctor Desk CDSS Assistant

Problem	Doctors may need quick reminders or clinical prompts based on patient history, vitals, and EMR data.
How our agent helps	Sahyogi analyzes the available clinical information and highlights useful prompts, missing data, and risk indicators.
Output	Missing allergy alert, red flag symptoms, possible risk factors, suggested investigations, follow-up reminders, and patient summary.
Simple example	If the patient has fever and breathlessness, Sahyogi highlights it as a red flag so the doctor can prioritize evaluation.

Use Case 5: EMR Summary Assistant

Problem	Doctors do not always have time to read a long patient history before every visit.
How our agent helps	Sahyogi summarizes the patient’s EMR in a simple doctor-friendly view.
Output	Active problems, recent visits, current medicines, allergies, recent reports, risk alerts, and pending follow-ups.
Simple example	For a diabetic patient, Sahyogi can show: known diabetic, current medicine, last HbA1c status, and pending follow-up.

6.4 ClaimIQ - Claim Validation and Readiness Agent

ClaimIQ is our insurance claim validation and readiness agent. It helps hospitals, TPAs, and insurers check whether claims are complete, correct, package-aligned, and ready for submission or review.

Use Case 1: Claim Document Validation

Problem	Claims often get rejected because important documents are missing, incomplete, or mismatched.
How our agent helps	ClaimIQ checks uploaded documents and validates whether the required files are available for that claim type.
Output	Document checklist, missing file alerts, mismatch alerts, and claim readiness status.

Simple example	For a surgical claim, if OT notes are missing, ClaimIQ flags it before the claim is submitted.
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Use Case 2: Package-Treatment Validation

Problem	A claim package may allow only specific procedures, medicines, implants, consumables, or billing limits.
How our agent helps	ClaimIQ checks whether the claimed treatment and bill items match the selected package and payer rules.
Output	Allowed/not allowed status, extra charge alerts, package mismatch, and rule validation summary.
Simple example	If a cataract package claim includes unrelated procedure charges, ClaimIQ flags the extra items for review.

Use Case 3: Missing Document Detection

Problem	Billing teams manually check large claim files, which is slow and error-prone.
How our agent helps	ClaimIQ automatically prepares a missing document checklist based on claim type, treatment, and package.
Output	Missing discharge summary, OT notes, investigation reports, final bill, pharmacy bill, ID proof, or pre-authorization document.
Simple example	Before submission, the claim team sees a clear list of missing documents instead of manually checking every file.

Use Case 4: Denial Prevention

Problem	Claims are often rejected because of small errors like date mismatch, coding mismatch, incomplete proof, or billing mismatch.
How our agent helps	ClaimIQ checks the claim before submission and highlights possible rejection reasons.
Output	Wrong diagnosis-code mapping, invalid package, billing mismatch, date mismatch, and missing evidence.
Simple example	If admission date in the claim form and discharge summary are different, ClaimIQ alerts the user before submission.

Use Case 5: Evidence Pack Generation

Problem	Claim teams need to collect all supporting documents and validation details in one place for submission or audit.
How our agent helps	ClaimIQ organizes extracted details, uploaded files, validation checks, and review notes into a clean evidence pack.
Output	Patient details, diagnosis, treatment summary, bills, reports, discharge summary, surgery notes, validation result, and readiness status.
Simple example	Instead of manually arranging claim files, ClaimIQ prepares a structured claim package for reviewer approval.

6.5 Lipi AI - Medical OCR Agent

Lipi AI is our medical OCR and handwriting digitisation agent. It reads handwritten prescriptions, scanned case papers, discharge files, and claim documents, then converts them into structured digital data.

Use Case 1: Handwritten Prescription Digitisation

Problem	Many doctors still write prescriptions by hand, and handwriting can be difficult for pharmacy or patients to read.
How our agent helps	Lipi scans the handwritten prescription and extracts medicine details into a digital format.
Output	Medicine name, strength, dosage, frequency, duration, route, and instructions.
Simple example	A pharmacy user uploads a handwritten prescription. Lipi converts it into a digital medicine list for review and dispensing.

Use Case 2: OPD Case Paper Digitisation

Problem	Handwritten OPD case papers are difficult to store, search, and reuse in future visits.
How our agent helps	Lipi converts handwritten OPD notes into EMR-ready structured sections.
Output	Complaint, history, diagnosis, prescription, investigation, advice, and doctor notes.
Simple example	Old OPD notes can be uploaded and converted into a digital patient history that can be searched later.

Use Case 3: Claim Document OCR

Problem	Claim documents are often uploaded as scanned PDFs or images, making manual data entry slow.
How our agent helps	Lipi reads the claim documents and extracts key medical and billing information for ClaimIQ.
Output	Patient name, hospital name, diagnosis, procedure, admission date, discharge date, bill amount, and report details.
Simple example	ClaimIQ uses Lipi's extracted data to check whether claim documents match the submitted claim.

Use Case 4: Pharmacy Prescription Reading

Problem	Pharmacy users may not clearly understand handwritten medicine names or instructions.
How our agent helps	Lipi extracts medicine details and highlights low-confidence or unclear words for human review.
Output	Medicine list, dosage, frequency, duration, instructions, and unclear-word alerts.
Simple example	If the medicine name is unclear, Lipi flags it so the pharmacist can confirm before dispensing.

Use Case 5: Legacy Record Digitisation

Problem	Hospitals have old paper records that are not searchable or easy to reuse.
How our agent helps	Lipi digitises old paper files and converts important clinical information into searchable digital records.
Output	Digital patient record, searchable medical history, structured clinical data, and original scanned file linkage.
Simple example	A hospital can scan old files and turn them into searchable patient records for future visits and audits.

6.6 LangDoc - Nursing and History Capture Agent

LangDoc is our nursing documentation and patient history capture agent. It helps nurses capture patient information, vitals, intake notes, triage notes, and handover summaries using voice or conversation.

Use Case 1: Nursing Intake Documentation

Problem	Nurses spend time manually filling admission and intake forms.
How our agent helps	The nurse speaks or asks the patient questions, and LangDoc converts the conversation into a structured nursing intake note.
Output	Patient complaint, vitals, past history, allergy, current medication, nursing observation, and initial care plan.
Simple example	During admission, the nurse asks basic questions and LangDoc prepares the intake form automatically.

Use Case 2: Vitals Capture

Problem	Vitals are often written manually first and entered into the system later, which can cause delay or mistakes.
How our agent helps	The nurse speaks the vitals, and LangDoc records them in structured fields.
Output	BP, pulse, temperature, SpO2, respiratory rate, pain score, and other vitals.
Simple example	Input: "BP 120 by 80, pulse 88, temperature 99, oxygen saturation 98 percent." LangDoc saves each value correctly.

Use Case 3: ER Triage Note

Problem	Emergency cases need fast documentation and quick priority identification.
How our agent helps	LangDoc helps nurses quickly capture complaint, vitals, severity, and emergency priority.
Output	Main complaint, illness/injury details, vitals, pain score, triage priority, and doctor notification note.
Simple example	A patient comes with chest pain. LangDoc captures the triage details and marks the case for urgent review.

Use Case 4: Shift Handover Summary

Problem	During shift change, nurses need to communicate patient status clearly to the next team.
How our agent helps	LangDoc converts nursing updates into a structured handover summary.
Output	Patient condition, current treatment, pending medicines, pending investigations, alerts, and next nursing tasks.
Simple example	At shift change, LangDoc creates a summary so the next nurse knows what needs attention.

Use Case 5: Multilingual Patient History Capture

Problem	Patients may speak in local languages, while hospital records are usually maintained in English.
How our agent helps	LangDoc captures local language conversation and converts the clinical meaning into structured notes.
Output	Captured conversation, translated clinical meaning, structured note, and doctor-friendly summary.
Simple example	A patient explains symptoms in Hindi or Marathi. LangDoc creates a clean English nursing note for the EMR.

7. How All Agents Work Together

The real strength of the suite is that each agent can support a different stage of the healthcare journey. Together, they reduce manual work and create structured data from the start of the visit to final record and claim processing.

7.1 OPD Workflow

Patient arrives	Sahyogi captures symptoms	Doctor consults	VoiceMD fills EMR	Prescription generated	Final OPD note saved
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In OPD, Sahyogi captures basic symptoms and suggests the department. VoiceMD supports the doctor during consultation by creating the EMR note, prescription, investigations, and follow-up advice. Lipi can digitise handwritten prescriptions or old case papers if required.

7.2 IPD Workflow

Patient admitted	LangDoc intake	VoiceMD rounds	Sahyogi summary	Radiobot reports	Discharge + ClaimIQ
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In IPD, LangDoc captures admission intake and vitals. VoiceMD supports doctor rounds and progress notes. Sahyogi summarizes the patient condition and highlights risks. Radiobot generates radiology reports when imaging is done. At discharge, VoiceMD helps create the discharge summary and ClaimIQ validates claim readiness.

7.3 Radiology Workflow

Scan reviewed	Radiologist dictates	Radiobot drafts report	Quality check	Radiologist approves	Report saved
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In radiology, the radiologist reviews the scan and dictates findings. Radiobot creates the structured report, checks missing details, and prepares the report in the required format. The radiologist reviews and approves the final report.

7.4 Claim Workflow

Documents uploaded	Lipi extracts data	ClaimIQ validates	Readiness checked	Evidence pack created	Claim submitted
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In claims, Lipi extracts data from scanned documents and ClaimIQ validates the package, treatment, documents, dates, and billing. The team receives a cleaner claim package with missing documents and review issues highlighted before submission.

8. Enterprise Blockchain PHR Capability

A key technology capability of Vigorus AI is its Personal Health Record system developed on enterprise blockchain. This enables secure, auditable, tamper-resistant and patient-centric management of health data across healthcare participants.

Capability	Description
Tamper-resistant Health Records	Enterprise blockchain provides an auditable record trail and helps protect the integrity of patient health records.
Patient-centric Data Sharing	Patients and authorized stakeholders can participate in controlled sharing of health records across hospitals, doctors, labs and insurers.
Access Auditability	Access events and record exchanges can be tracked to improve transparency, accountability and governance.
Interoperable Digital Health Backbone	Can support longitudinal health records and integration with hospitals, laboratories, insurance systems and public health workflows.
Trust Layer for Government Programs	Useful for state-level initiatives where secure, verifiable and interoperable patient records are important.

Strategic highlight

We have already developed PHR capability on enterprise blockchain, making the company suitable for secure digital health record, consent, audit and interoperability use cases in large-scale healthcare ecosystems.

- Longitudinal personal health records for citizens across public health facilities.
- Secure health data exchange between hospitals, laboratories, clinics and insurers.

- Patient consent and audit trail for record sharing.
- Tamper-resistant storage of critical clinical events and record hashes.
- Trusted data layer for public health analytics, claim verification and continuity of care.

9. Chikitsa Healthcare Management Ecosystem

Chikitsa is a modern healthcare management ecosystem developed for hospitals, clinics and government healthcare deployments. It supports hospital workflows such as registration, appointment, OPD, IPD, billing, pharmacy, diagnostics, claims, reporting and administrative control.

Chikitsa can be combined with Vigorus AI agents to create an intelligent HIMS ecosystem where healthcare institutions receive both software workflow management and AI-led automation.

Workflow Area	Capabilities
Hospital Administration	Organization setup, role-based access, dashboards, MIS, analytics and workflow configuration.
Registration and Appointment	Patient registration, appointment scheduling, queue support and Sahyogi-enabled booking support.
OPD and Doctor Desk	Consultation workflow, clinical documentation, prescriptions and AI-assisted doctor notes through VoiceMD and Lipi AI.
IPD and Nursing	Admission, bed management, nursing notes, discharge support and structured care documentation.
Pharmacy and Inventory	Drug inventory, billing, stock management and pharmacy workflow support.
Diagnostics	Pathology and radiology report writing support, structured reporting and Radibot integration.
Claims	ClaimIQ support for document validation, evidence readiness and NHCX-aligned claim processing workflows.

10. Relevance for Government and Enterprise Healthcare

Vigorus AI solutions can support state-level healthcare digital transformation across medical colleges, district hospitals, satellite hospitals, CHCs, PHCs, health camps and public health programs. The same capabilities are also useful for private hospital chains, diagnostic centers and HIMS partners.

Area	Potential Impact
Hospital Digitization	Supports digitization of patient registration, OPD, IPD, diagnostics, pharmacy, billing, claims and reporting workflows.
Doctor Productivity	AI documentation reduces manual typing and improves the speed of clinical record creation.
Patient Experience	Sahyogi can assist with appointment booking, queries, follow-ups and hospital navigation support.
Diagnostic Turnaround	Radibot can help standardize radiology reporting and reduce report drafting time.
Insurance and Scheme Claims	ClaimIQ can assist with document readiness, claim file preparation, coding support and workflow accuracy.
Data Security and Governance	Enterprise blockchain PHR supports auditability, data integrity and secure record exchange.
Administrative Oversight	Digital dashboards and analytics can support monitoring, MIS and program-level decision-making.

11. Proposed Engagement Areas

The following engagement areas may be considered for pilot, evaluation or phased deployment with government healthcare institutions, private hospitals, diagnostic centers or enterprise partners.

Pilot / Engagement Area	Scope
AI Doctor Documentation	Deploy VoiceMD and Lipi AI at selected OPD departments to reduce documentation time and improve structured record quality.
AI Radiology Reporting	Deploy Radibot in selected diagnostic/radiology departments for report drafting and standardization.
AI Patient Support	Deploy Sahyogi for appointment booking, FAQs, patient communication and front-office support.
Claims Intelligence	Deploy ClaimIQ for claim document validation, claim file preparation and NHCX-aligned workflow support.
Nursing Documentation	Deploy LangDoc for intake, vitals, triage, IPD notes and shift handover summaries.
Blockchain PHR	Evaluate enterprise blockchain-based PHR for secure, patient-centric, longitudinal health records and audit trail-based data exchange.
Chikitsa HIMS	Deploy Chikitsa as a hospital management platform in selected facilities with integrated AI agents.

12. Implementation and Governance Model

Phase	Activity
Phase 1 - Discovery and Workflow Mapping	Identify priority hospitals/departments, existing systems, data flows, users and integration points.
Phase 2 - Pilot Deployment	Deploy selected AI agents or Chikitsa modules in a controlled pilot environment with human-in-the-loop approval.
Phase 3 - Evaluation	Measure documentation time saved, claim readiness, turnaround time, patient support volume and user adoption.
Phase 4 - Scale-up	Expand to additional departments/facilities based on pilot outcomes and stakeholder priorities.

Human-in-the-loop Governance

All AI-generated clinical or operational outputs should be treated as drafts or decision-support outputs until reviewed and approved by authorized users.

AI Output	Reviewer / Approver
EMR note / case paper / prescription	Doctor
Radiology report	Radiologist
Nursing note / triage / handover	Nurse or nursing supervisor
Claim evidence pack and validation output	Claim desk, TPA, insurer or authorized reviewer
OCR-extracted prescription or document data	Pharmacist, MRD staff or responsible clinical user
CDSS suggestions or risk prompts	Doctor

13. Benefits by User Type

User Type	Benefits
Doctors	Less typing, faster consultation notes, structured case papers, prescriptions, discharge summaries and patient summaries.
Nurses	Faster intake documentation, easy vitals capture, better handover and reduced manual writing.
Radiologists	Voice-based reporting, faster report turnaround, standardized templates and report quality checks.
Hospitals	Better EMR data quality, less paperwork, faster workflows, improved claim readiness and stronger audit trail.
Billing / Claim Teams	Missing document alerts, claim validation, denial prevention and evidence pack generation.
Patients	Faster service, better documentation, easier department routing and clearer medical records.
Government / Administrators	Improved digitization, auditable workflows, better data visibility and scalable AI-enabled healthcare infrastructure.

Final positioning

Together, our agents help hospitals reduce typing, improve documentation quality, digitise medical records, support clinical decisions, speed up radiology reporting, strengthen claim readiness, and enable secure health record exchange.

14. Contact Details

Company	Vigorus AI Private Limited
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Declaration: The information in this document represents the capabilities, focus areas and product portfolio of Vigorus AI Private Limited for discussion and evaluation purposes. Product deployment scope, integrations, timelines and compliance requirements may be finalized after technical discovery and stakeholder consultation.