



SP  **CHUB**[®]
SaaS PaaS On Click

AA+ Testing Solutions

ANYTIME ANYWHERE ——— *Powered by AA Healthtech*

Project Introduction

AA+ Testing Solutions is an end-to-end imaging workflow software platform developed for detecting 20+ abnormalities caused due to lung infections. This is an AI-ML-based detection tool that aims to reduce the fatality rate and turnaround time. A cost-effective tool, developed under the guidance of highly experienced Scientists, Radiologists & various Domain Experts, has given the accuracy of over 95% by scanning 100000+ X-rays.

This innovative Testing Solution was developed in strategic partnership with a Pune-based Healthcare Startup named AA HealthTech, incubated under the Atal Incubation Center at MIT ADT in Pune. This platform is committed to an Atmanirbhar Healthcare Bharat by assisting the imaging experts to ensure faster healthcare delivery.





Vision

To create a robust healthcare tech ecosystem for early detection and treatment.

Mission

Leverage AI technology for prompt & efficient teleradiology services to the global marketplace and improve X-ray image reading & productivity by 5x.

Executed Project Activities

- Published Press Releases in leading media houses & publications
- Introduced mobile vans at different locations
- Deployment of the Solution at various offices for mass testing of employees
- Various Hospitals are using this Solution for faster segregation of patients
- Successful deployment at various pathologist centers
- Deployment at pathologist centers
- Successful model validation by radiologists & CSIR-IGIB

Features



AI-Powered



End-to-End Imaging Workflow



Smart Reports



Instant Insights & Results



Highly Secure



Bulk Uploading of X-rays

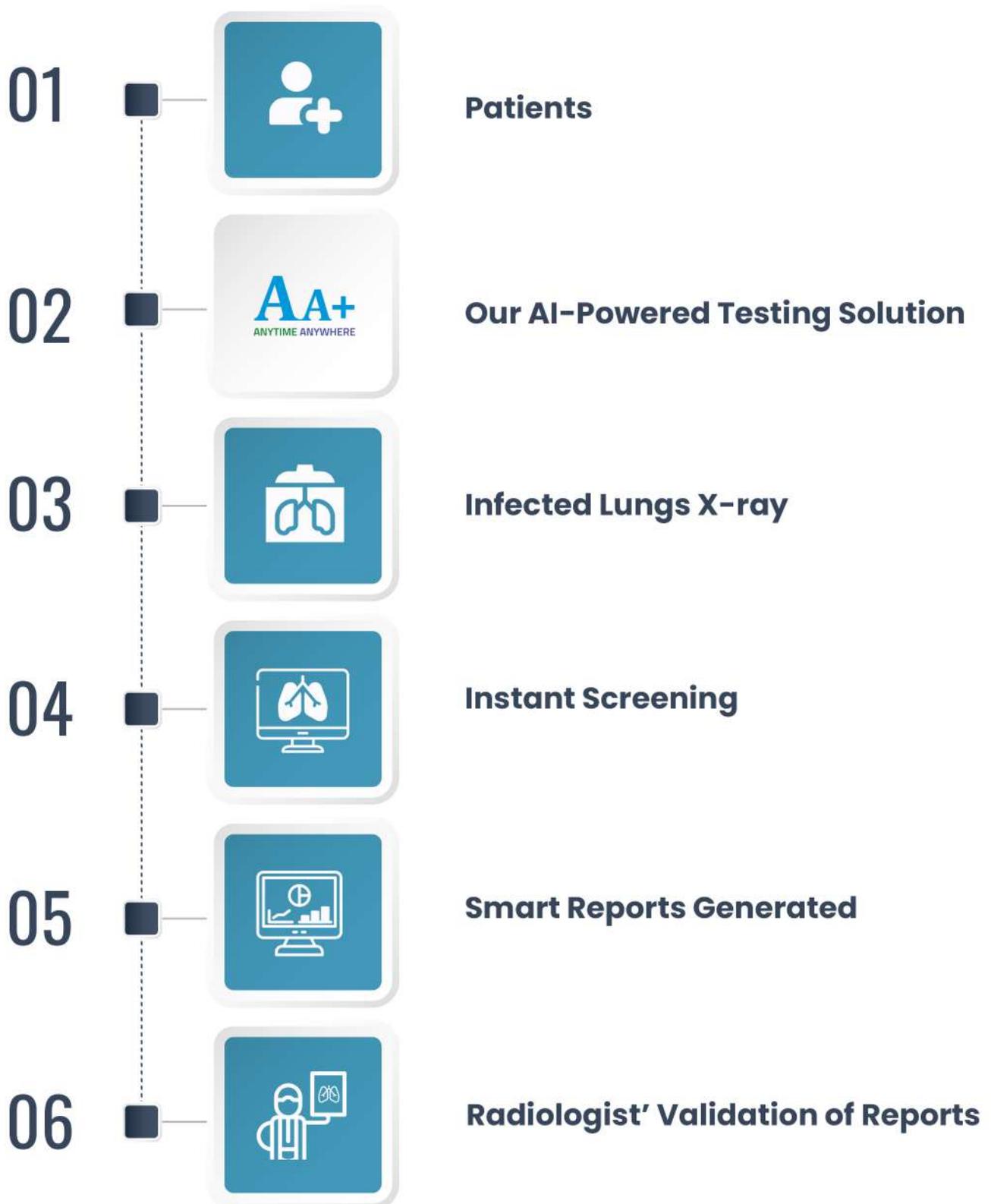


High Availability 24x7



Automated - classify, localize, and quantify lesions

Testing Process Flowchart



Existing Problems Radiologists Face



PRODUCTIVITY ⚡

- Increment of Lung abnormality cases, causes burnouts, stress and bias to Radiologists
- Major Productivity Deprevation



AVAILABILITY ⚡

- No way to deliver 24x7 radiology services in Rural & Urban areas.



ACCESSIBILITY ⚡

- No way to diagnose patients while sitting at home



TIME CONSUMPTION ⚡

- No mechnism for radiologists to process more scans in a shorter period of time to reduce stress and lower burnout rates.
- 1 paitent = 10 - 20 mins
200 paitents = 33-66 hours

How Our AI-Powered Solution Helps



PRODUCTIVITY

- assists radiologists by minimizing human errors caused due to burnouts, stress and bias.
- Estimates percentage area of lungs affected.
- Lesion Localisation feature and Smart Reports.



AVAILABILITY

- Teleradiology can ensure 24x7 coverage especially in Rural & Urban areas.



ACCESSIBILITY

- Our solution provides the freedom to radiologists to diagnose their patients while sitting at home.
- Ensure all sections of society have access to quality radiology services.



TIME CONSUMPTION

- Enables radiologists to process more scans in a shorter period, reduces stress, and lowers burnout rates.
- 1 patient = less than 1 min
1000 patients = 3-6 hours



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