NeoMedSys – end-to-end AI-model development platform for radiology

NeoMedSys is a scalable software platform for CT and MR image analysis, integrating AI/ML deployment, data analytics, and secure database management in one user-friendly system. Developed at Rikshospitalet's CRAI group, it is in closed beta and already supporting multiple Inven2-backed projects. More info at: https://www.neomedsys.io/

Business Opportunity

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Technology Description

NeoMedSys is an advanced medical intelligence platform that seamlessly integrates machine learning, data analytics, and database management into a scalable, user-friendly system designed to empower healthcare professionals and researchers. The technology has already achieved TRL 5, with demonstrated success in supporting innovative research projects such as BodySegAI, CHRONOS, and brain bleed measurement VB-AI within Norwegians biggest hospital environment. NeoMedSys addresses key challenges in healthcare and medical research. By enabling the efficient training and deployment of AI models with built-in standards, traceability, and reproducibility, it significantly enhances the quality of medical research. For clinicians, NeoMedSys facilitates unprecedented insights, such as voxel-based 3D statistical analysis and automated time-series comparisons, which current systems fail to deliver. This drastically improves precision medicine, empowering doctors to provide deeper, patient-specific analyses without spending excessive time on manual processes. Uniquely collaborative, NeoMedSys breaks down organizational silos, enabling seamless cooperation between researchers, oncologists, pathologists, and radiologists. By offering a centralized platform for sharing work, data, and AI models, it becomes a launch pad for an AI-powered medical community. Unlike current PACS or similar systems, NeoMedSys introduces unmatched capabilities tailored specifically for modern, AI-driven healthcare. The platform's ultimate vision is to extend its

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application to clinical environments, facilitating the deployment of regulatory-approved machine learning models for improved diagnostics and more personalized patient care. If you want to know more, here you can find more information about Neomedsys: https://www.neomedsys.io/

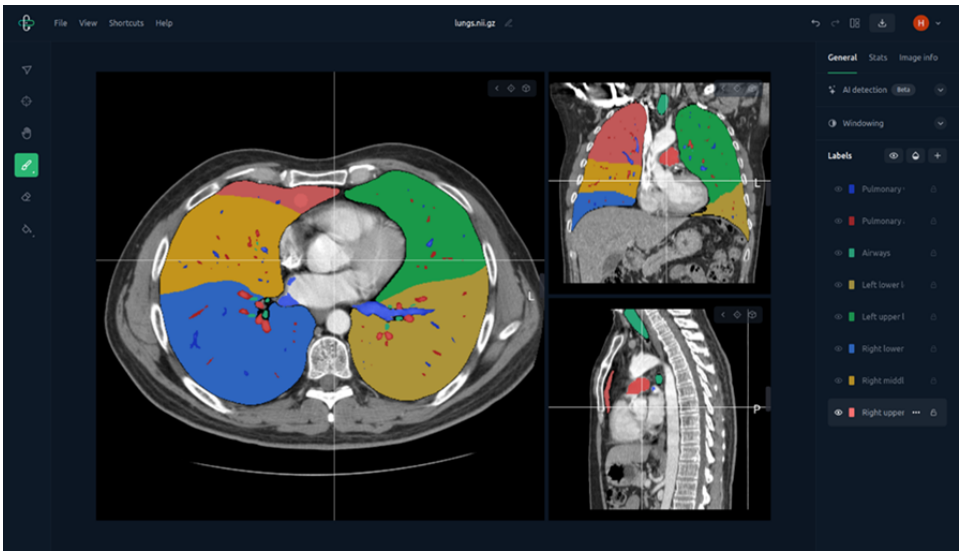

Fig. 1: A powerful platform with user-friendly interface

Intellectual Property