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VinBrain partners with Microsoft to expand AI-based healthcare services in Vietnam

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Collaboration for data sharing, product cross-validation, and product research & development



Vietnam-based startup VinBrain is working to transform global healthcare through its artificial intelligence (AI) products. One of VinBrain's primary products is DrAid, an AI pathology prediction platform that has demonstrated its usefulness in over 150 hospitals and earned a prestige ACM SIGAI Industry Award 2021. DrAid is a value-added use case for Microsoft to collaborate on the validation of the impact of Florence, a new foundation model for computer vision developed by Microsoft.

In addition, DrAid is the first and only AI software for X-ray Diagnostics in Southeast Asia to be cleared by The United States Food and Drug Administration (FDA), putting Vietnam on the map of 6 countries owning an FDA-cleared AI product for Chest X-ray Pneumothorax finding.

Microsoft will bring trusted and integrated cloud capabilities to VinBrain's developers, to deliver a better experience for users. This collaboration will implement data sharing through Microsoft Azure and apply it to the data gathered by DrAid.

Microsoft will also help safeguard sensitive patient data, further enhancing the security and privacy of VinBrain's offering, to manage ever-changing compliance regulations and improve data governance and trust. DrAid currently has a large dataset that has been collected from multiple sources: USA, Europe, and Asia that complies of 2,300,000+ images, of which ~400,000 are labeled images approved by senior radiologists. Beside this data sharing, VinBrain will also offer the field of medical image data annotation services where VinBrain can utilise a pool of top doctors, including pathologists, radiologists, etc., and early field validation to developed AI to 100+ hospital-based customers.