



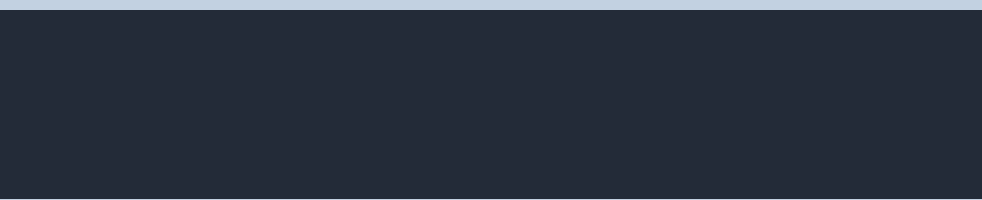
PROBLEM

Imagine a hospital in a remote area of the Philippines. The router they rely on for internet access has been running for years and is starting to overheat. Normally, no one would notice until it stops working. In a country like the Philippines, frequent network outages, connectivity issues are common, often affected by high packet loss, latency, and poor signal strength due to inclement weather and high temperatures. These disruptions impact schools, businesses, and healthcare services. With 86.98 million internet users and an internet penetration rate of 73.6% as of January 2024 in the Philippines, the significance of reliable connectivity cannot be overstated (DataReportal, 2024).



SOLUTION

With CatBoost AI integration, our solution categorizes and analyzes environmental factors such as temperature, humidity, and precipitations' effects on measures of connectivity like signal strength, packet loss, and latency, which is trained to predict the probability of an outage. Whilst existing sensors can detect potential issues, notifying the AI, which informs the facility administrator days in advance. This enables timely maintenance or replacement to prevent any disruption in critical network access.



MARKET SCOPE

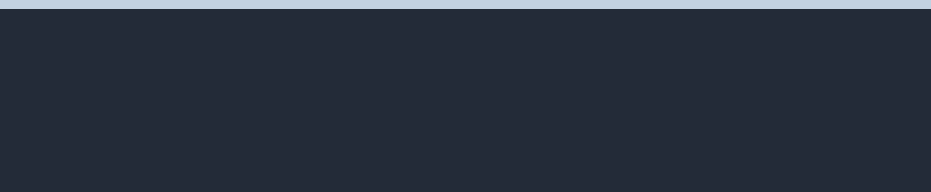

***Addressable Market (TAM) =
82,500***

OutageAI will primarily target two key markets: healthcare and education. The healthcare sector includes an estimated 25,000 facilities, such as clinics, rural health centers, and hospitals. Meanwhile, the education sector comprises approximately 62,500 facilities, covering schools in the basic education sector and universities. Combined, these two markets represent a Total Addressable Market of around 82,500 facilities.



REVENUE STREAMS

With the market size identified, OutageAI can generate revenue through multiple streams tailored to different markets. For large enterprises in the healthcare and education sectors, hardware and software leasing operates on an annual or multi-year tiered licensing model, offering premium features like real-time notifications, detailed analytics, and dedicated support. While smaller institutions, such as rural health clinics or schools, can subscribe to a more cost-sensitive, subscription model with monthly or annual fees, granting access to AI-driven analytics and connectivity monitoring. These revenue streams ensure that our model will be able to sustain itself and will continue to help us improve the AI model.

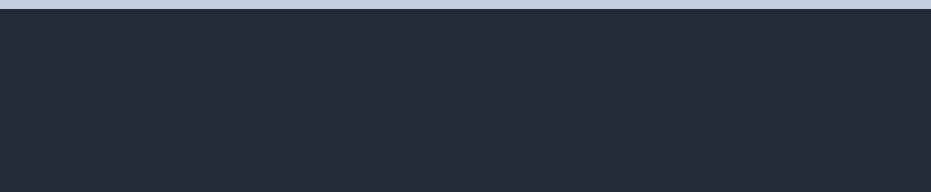





NEXT STEPS

OutageAI's growth strategy focuses on expanding its reach and scaling its product offerings. A key initiative involves forming partnerships with major Internet Service Providers (ISPs) in the Philippines, such as PLDT and Globe, the two largest ISPs in the country.

Through these partnerships, OutageAI could be bundled with business packages, offering value-added services to their customers. Another avenue is collaborating with hardware vendors to integrate OutageAI directly into their systems, ensuring seamless functionality and widespread adoption.



Meet the Team



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Front-End Developer



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Researcher



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Researcher & Voice Over



Matthew Leong

UI Designer & Video Editor

The background features decorative geometric patterns in the corners. The top-left and bottom-left corners have dark blue and light blue chevron shapes. The top-right and bottom-right corners have more complex patterns with multiple layers of dark blue and light blue chevrons and lines.

***THANK
YOU***