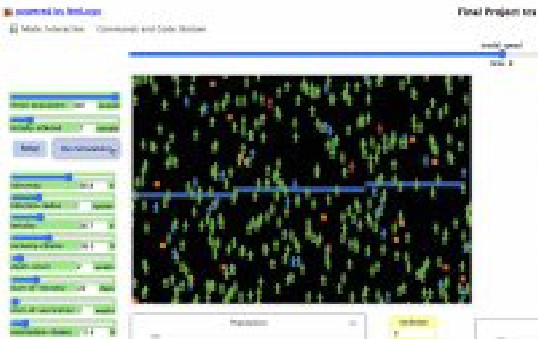
Enhanced Health Monitoring System Using Google Pixel Sensors

Shreya Tadipaneni, Sai Tejaswi Chakravaram; CSC 6228 - Security in IOT

Additional Concepts



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## RESULTS

In the modern digital age, smartphones have become indispensable tools for managing health and wellness. The advanced sensor technologies embedded in devices like Google Pixel provide a unique opportunity to revolutionize health monitoring.

This project focuses on leveraging Google Pixel sensors to create a comprehensive **Enhanced Health Monitoring System**. By integrating multiple sensors, such as the accelerometer, gyroscope, ambient light sensor, and barometer, our system delivers real-time insights into physical activity, environmental conditions, and overall well-being.

Unlike existing health apps that often leave data fragmented and insights limited, our solution combines these data streams into a unified, actionable platform. The result is a powerful tool for tracking physical activity, analyzing sleep patterns, and monitoring altitude-related fitness metrics, empowering users with valuable insights for better health management.

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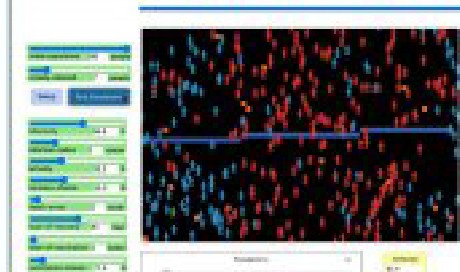


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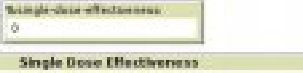
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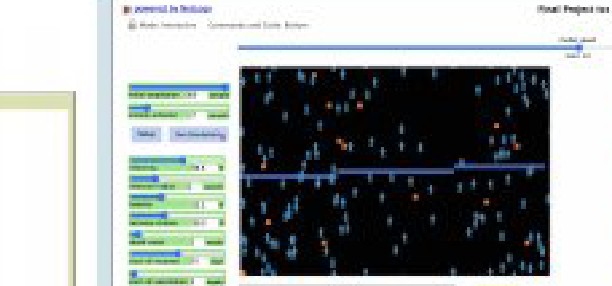
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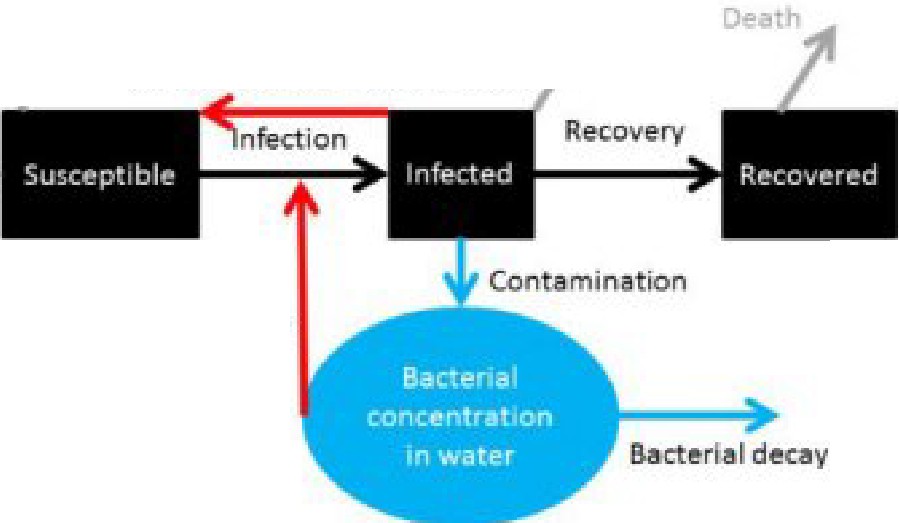
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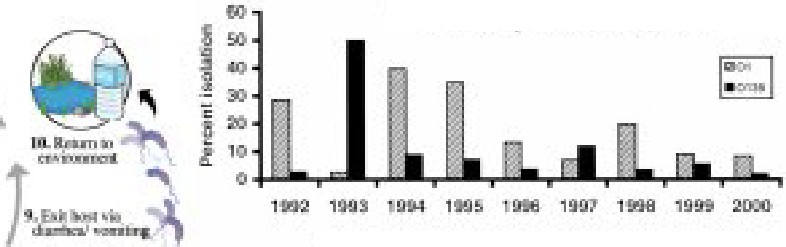


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REFERENCES

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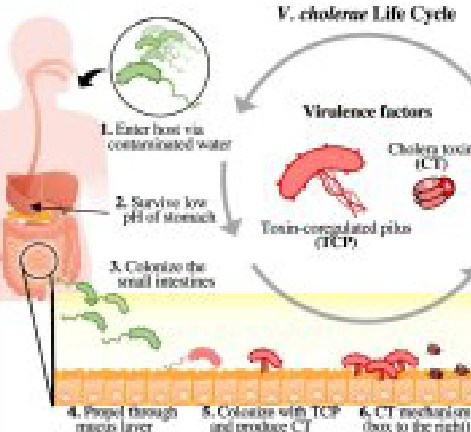
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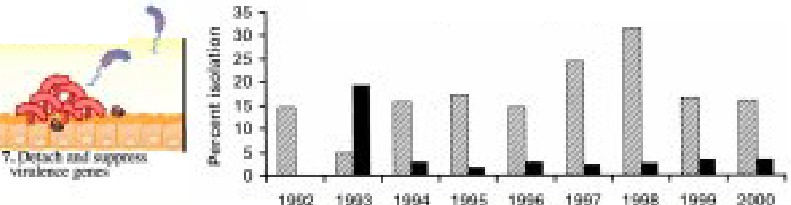
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# FUTURE STEPS

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# ACKNOWLEDG EMEN:TS

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