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- GROUP MEMBERS
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# FOCUS OF OUR PROJECT

- Our project focuses on AI POWERED AUTOMATION to enhance the safety and maintenance of the company.

# PROBLEM ADDRESSING

- PIPELINE LEAK DETECTION AND MAINTENANCE: Here are some specific problems our AI POWERED AUTOMATION COMPANY could address in the gas company, focusing on safety and maintenance such



- LEAK DETECTION AND PREVENTION.
- PIPELINE INTEGRITY MONITORING .
- EMERGENCY RESPONDS OPTIMIZATION.

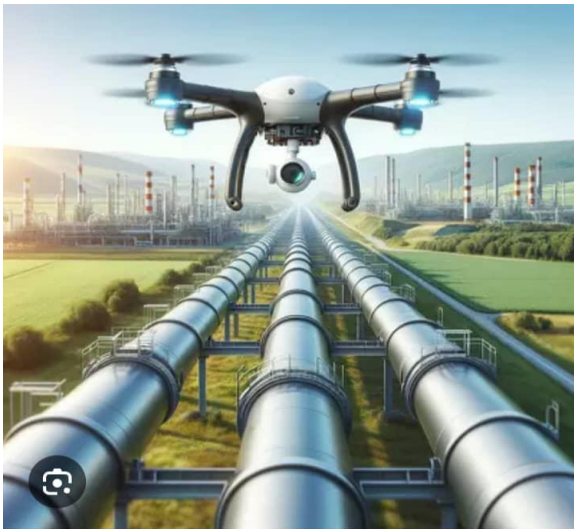
# ATTENTION

- To save cost and time.
- To save lives and properties.

# SOLUTIONS

- Our AI can analyze data from sensors and pipelines to detect even small leaks, triggering immediate alerts and automated shut-off valves.
- Our AI also can predict potential leaks based on facts like pipe age, pressure changes and environmental conditions, allowing for proactive maintenance

Our AI can continuously monitor pipelines for corrosion, stress and other structural issues, using data from sensors and drones.



# TOOL FOR BUILDING OUR PROJECT

- We are building a WEB-BASED DASHBOARD integrated with a MOBILE APP for real-time notifications.

