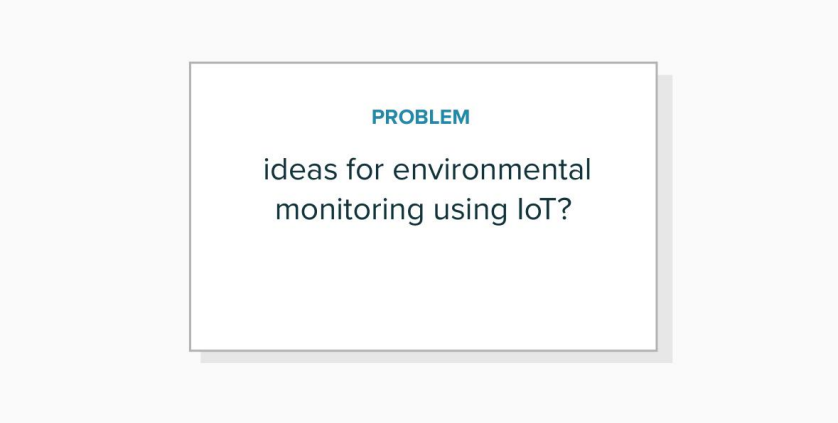
Ideation Phase
Brainstorm & Idea Prioritization Template

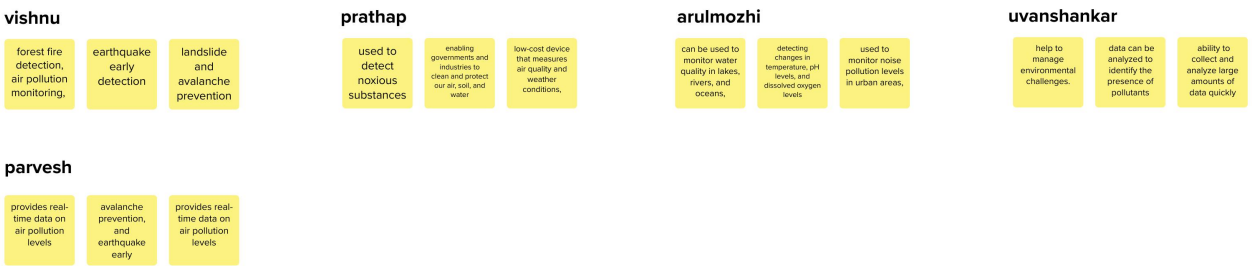
Date	03 OCT 2023
Team ID	449
Project Name	Environmental monitoring

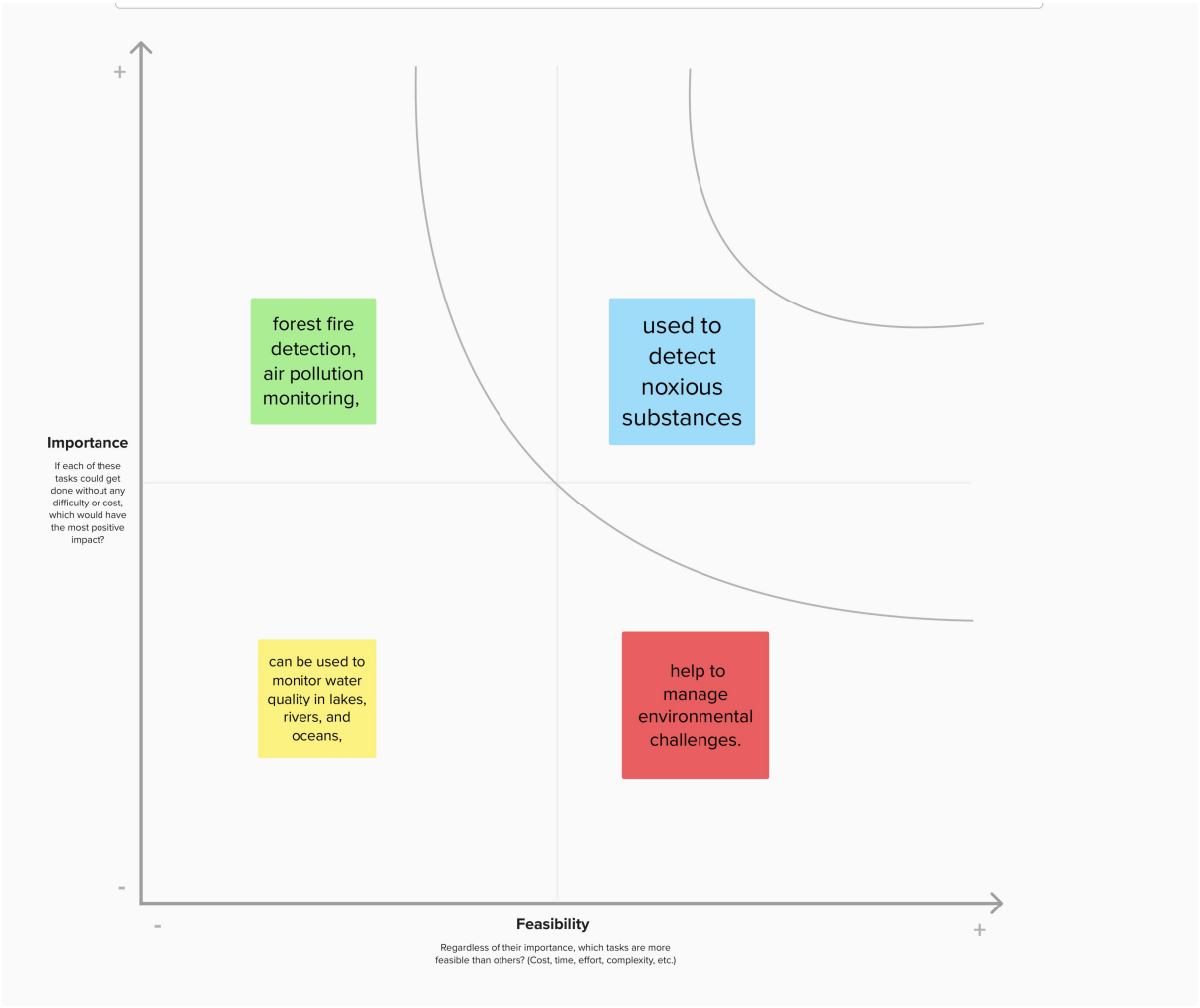
IoT-enabled environmental monitoring systems are increasingly popular as they provide businesses with the ability to collect and analyze large amounts of data quickly and accurately, which can help inform decisions around reducing their environmental footprint and achieving sustainability goals

. Some of the benefits of IoT-based environmental monitoring include reducing the need for human labor, allowing frequent sampling, increasing the range of sampling and monitoring, allowing sophisticated testing on-site, and binding response efforts to detection systems



. The challenges of IoT in environmental monitoring include data management, security and privacy, and power supply, but many IoT devices come equipped with lengthy battery lives, even in the most hostile conditions

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forest fire detection, air pollution monitoring,
used to detect noxious substances
Importance
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?
can be used to monitor water quality in lakes, rivers, and oceans,
help to manage environmental challenges.
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Feasibility
Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)
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