

## IDEATION PHASE

### The Thoughts Behind the Project:

#### Various ideas

#### Ganesh

Gather real time threat intelligence data from open-source platforms.

Implement machine learning to identify threats in real-time.

Build a centralized dashboard that displays live security alerts.

#### Tapana

Use AI to analyze user behavior and identify potential phishing attacks.

Utilize past attack patterns to predict and prevent future cyberattacks.

Develop a security framework for cloud-based IoT devices.

#### Lokesh

Study the role of cloud-based solutions and edge computing in enabling RTI.

Develop models to identify new and evolving malware strains.

Research how threat intelligence sharing across organizations can enhance collective defense.

Use blockchain to securely share threat intelligence.

Aggregate data from multiple sources for real time analysis.

#### Pavanisatyavani

Implement real time monitoring tools for system performance.

