Team: 1.4
Team ID: Team-591527
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AI ENHACED INTRUSION DETECTION SYSTEM

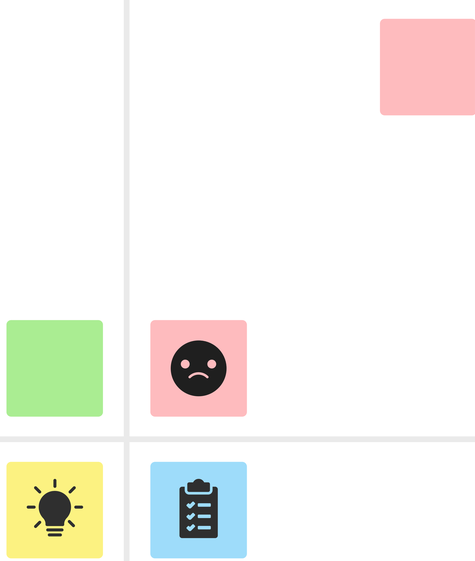
User Research:

- **Security Analysts and Administrators:** Conduct interviews and surveys to understand their workflow, pain points, and the challenges they face in detecting and responding to security threats.
- **End-Users:** Understand their concerns regarding data security and privacy. Analyze their behaviors to identify potential security vulnerabilities.

Persona Development:

2. **Persona Develo**
   - Create detailed personas representing different user types within the organization. Include their goals, motivations, frustrations, and skills related to intrusion detection and response.

3. **Journey Mapping:**
   - Map out the typical workflow of security analysts and administrators, detailing each step from threat detection to resolution. Identify emotional highs and lows during this process.



Empathy Workshops:

- Conduct workshops with cross-functional teams involving developers, designers, and end-users. Encourage participants to share their experiences and insights related to intrusion incidents.

5. **Empathy Mapping:**
   - Create empathy maps for each persona. Identify what they Say, Think, Do, and Feel during various stages of dealing with security incidents. This helps in understanding their mindset and emotions better.

Iterative Design:

- Based on user feedback, iterate the design, focusing on enhancing usability and addressing user concerns. Continuous feedback loops are essential in refining the system empathetically.

8. **Training and Support:**
   - Provide comprehensive training to security analysts and administrators on using the AI-enhanced IDS effectively. Offer ongoing support channels, such as helpdesk and tutorials, to address their queries and challenges.

9. **Monitoring and Feedback:**
   - Continuously monitor the system's performance and gather feedback from users. Use this feedback to make necessary improvements and updates, ensuring the system aligns with users' evolving needs.