

Note: *Participants can select one of the statements provided in the document or bring their own problem statements, provided they align with one or a mix of the aforementioned themes.*

WOMEN AND CHILD SAFETY:

- 1. AI-Driven Cyberbullying and Online Harassment Detection Tool:** Build an AI-based tool that monitors social media interactions for children and teenagers, detecting patterns of cyberbullying or online harassment. The tool should send alerts to parents or guardians when harmful behavior is identified and provide resources for emotional support, including ways to report incidents anonymously.
- 2. VR-Based Safety Training for Women and Children:** Develop a VR (Virtual Reality) platform that provides immersive safety training for women and children. The platform can simulate real-world scenarios such as navigating public spaces, identifying threats, and practicing self-defense techniques. This would help empower young people by building awareness and confidence in managing potentially dangerous situations.
- 3. Smart Wearable for Women Safety with Emergency Alert System:** Design a smart wearable (like a bracelet or pendant) equipped with a hidden emergency alert system. In case of an unsafe situation, the women can discreetly press a button to send an SOS message with her real-time location to family members, nearby authorities, and emergency services, ensuring rapid response.
- 4. Child Safety Tracker with Geofencing:** Develop an app that uses geofencing and real-time location tracking to alert parents or guardians when children enter or leave designated safe zones (e.g., schools, parks, homes). The app can also send SOS alerts to trusted contacts if the child goes outside safe zones unexpectedly or is in distress.
- 5. Voice-Activated Emergency App for Women:** Develop a voice-activated mobile app that allows women to trigger emergency alerts without needing to physically unlock their phone. The app would be integrated with a voice assistant and activated by specific keywords to send real-time location and distress signals to emergency contacts, nearby police, or safety authorities. This allows for discreet action in situations where women might be unable to physically access their phone.