Set 1:

1. a

2. a

3. a

4. b

5. b

6. a, c

7. a

8. I would like the device to have a built-in air quality sensor to monitor the overall kitchen environment.

9. I am concerned about the device's power consumption and whether it would require frequent battery replacements.

10. I expect the mobile app to have a user-friendly interface with intuitive controls for easy monitoring and configuration.

11. It would be great if the device could integrate with voice assistants like Amazon Alexa or Google Assistant for hands-free control.

12. I suggest including a backup battery in case of power outages to ensure continuous operation of the device.

Set 2:

1. b

2. c

3. a

4. a

5. a

6. b, d

7. c

8. I would like the device to have a feature that can automatically shut off gas supply in case of a leakage.

9. I am concerned about the device's durability and whether it can withstand the heat and humidity in the kitchen.

10. I expect the mobile app to provide historical data and trends for better understanding of the kitchen's safety conditions.

11. It would be beneficial if the device could send emergency alerts to pre-defined contacts in case of critical situations.

12. I suggest including a physical panic button on the device itself for immediate manual activation.

Set 3:

1. c

2. b

3. b

4. c

5. c

6. b, c

7. b

8. I would like the device to have a self-cleaning mechanism to prevent sensor contamination.

9. I am concerned about the device's compatibility with different types of kitchen layouts and designs.

10. I expect the mobile app to support multiple user accounts with customizable access levels for better household management.

11. It would be great if the device could provide real-time air quality metrics and recommendations for improved ventilation.

12. I suggest incorporating a small display on the device itself to show important information and alerts.

Set 4:

1. a

2. a

3. b

4. a

5. b

6. a, b, c

7. a

8. I would like the device to have a dedicated emergency button to quickly summon help when needed.

9. I am concerned about the device's connectivity and whether it can maintain a stable connection with the mobile app.

10. I expect the mobile app to have multi-language support for wider accessibility.

11. It would be beneficial if the device could integrate with smart lighting systems to automatically turn on lights during emergencies.

12. I suggest including a user-friendly troubleshooting guide in the mobile app to assist with any issues that may arise.

Set 5:

1. a

2. c

3. a

4. b

5. a

6. a, b

7. c

8. I would like the device to have a backup power option, such as a rechargeable battery, to ensure operation during power outages.

9. I am concerned about the device's range and whether it can maintain a strong Wi-Fi connection throughout my home.

10. I expect the mobile app to have a user-friendly interface with clear instructions on how to set up and use the device.

11. It would be great if the device could provide real-time notifications and updates to a designated emergency contact.

12. I suggest including a built-in siren in the device itself for louder and more attention-grabbing alerts.

Set 6:

1. b

2. b

3. b

4. c

5.

c

6. a, b, c

7. a

8. I would like the device to have a temperature sensor to monitor and alert me if the kitchen gets too hot.

9. I am concerned about the device's data privacy and whether my personal information will be securely stored.

10. I expect the mobile app to have a customizable user interface with options to personalize alerts and notifications.

11. It would be beneficial if the device could detect water leaks or floods in the kitchen and notify the user.

12. I suggest including a built-in speaker in the device for voice-based alerts and notifications.

Set 7:

1. c

2. a

3. a

4. b

5. a

6. b, c

7. b

8. I would like the device to have a built-in camera that can provide live video feed of the kitchen.

9. I am concerned about the device's compatibility with different smartphone platforms (iOS, Android, etc.).

10. I expect the mobile app to have an intuitive dashboard that displays all relevant information at a glance.

11. It would be great if the device could integrate with smoke exhaust systems to automatically activate them during emergencies.

12. I suggest including a built-in CO2 sensor to detect and alert for high levels of carbon dioxide in the kitchen.

Set 8:

1. b

2. a

3. b

4. a

5. b

6. a, b, c

7. c

8. I would like the device to have a built-in voice assistant that can provide safety tips and recommendations.

9. I am concerned about the device's compatibility with my existing smart home ecosystem and whether it can integrate seamlessly.

10. I expect the mobile app to have an intuitive setup process with step-by-step guidance for easy installation.

11. It would be beneficial if the device could provide real-time energy consumption data of kitchen appliances.

12. I suggest including a built-in GPS module to track the device's location in case of theft or misplacement.

Set 9:

1. a

2. a

3. a

4. b

5. a

6. a, c

7. a

8. I would like the device to have a built-in fire suppression system that can automatically extinguish small fires.

9. I am concerned about the device's maintenance requirements and whether it would need frequent cleaning or calibration.

10. I expect the mobile app to have a user-friendly interface with clear icons and labels for easy navigation.

11. It would be great if the device could provide real-time air quality data to identify potential pollutant sources in the kitchen.

12. I suggest including a backup Wi-Fi connectivity option, such as a SIM card slot, for uninterrupted communication.

Set 10:

1. c

2. b

3. b

4. a

5. a

6. a, b

7. a

8. I would like the device to have a built-in speaker and microphone for two-way communication during emergencies.

9. I am concerned about the device's compatibility with different router configurations and whether it can connect reliably.

10. I expect the mobile app to have a simple and intuitive onboarding process for easy setup and configuration.

11. It would be beneficial if the device could detect abnormal sound patterns in the kitchen and alert the user.

12. I suggest including a user-friendly web portal in addition to the mobile app for easier access and management.

Set 11:

1. a

2. c

3. a

4. a

5. b

6. a, c

7. b

8. I would like the device to have a built-in emergency light that can illuminate the kitchen during power outages.

9.

I am concerned about the device's compatibility with different network security protocols and whether it can connect securely.

10. I expect the mobile app to have a customizable notification system, allowing me to choose the type and frequency of alerts.

11. It would be great if the device could integrate with a smart home hub to enable automation and central control of safety devices.

12. I suggest including a built-in display on the device itself to show real-time sensor readings and status information.

Set 12:

1. b

2. a

3. a

4. b

5. a

6. a, c

7. c

8. I would like the device to have a built-in gas shutoff valve that can automatically close in case of a gas leak.

9. I am concerned about the device's compatibility with my existing home automation system and whether they can work together.

10. I expect the mobile app to have a responsive design that is compatible with a wide range of mobile devices.

11. It would be beneficial if the device could provide suggestions for improving kitchen safety based on the detected incidents.

12. I suggest including a physical panic button on the device for manual activation during emergencies.

Set 13:

1. a

2. b

3. b

4. a

5. b

6. a, c

7. b

8. I would like the device to have a built-in gas leak detector that can detect multiple types of gases, not just one.

9. I am concerned about the device's reliability and whether it can provide accurate and timely notifications.

10. I expect the mobile app to have a user-friendly interface with clear instructions and intuitive controls.

11. It would be great if the device could integrate with smart home security systems to trigger additional safety measures.

12. I suggest including a built-in display on the device itself to show real-time sensor readings and alerts.

Set 14:

1. a

2. a

3. a

4. a

5. b

6. b

7. c

8. I would like the device to have a built-in emergency backup power supply that can ensure continuous operation during power outages.

9. I am concerned about the device's size and whether it will be aesthetically pleasing and unobtrusive in my kitchen.

10. I expect the mobile app to have a user-friendly interface with clear icons and intuitive navigation.

11. It would be beneficial if the device could provide insights and recommendations for improving kitchen safety based on usage patterns.

12. I suggest including a manual override option in case the device malfunctions or gives false alarms.

Set 15:

1. b

2. b

3. b

4. c

5. a

6. a, b, c

7. a

8. I would like the device to have a built-in emergency phone dialer that can automatically call emergency services in case of an incident.

9. I am concerned about the device's compatibility with different smartphone models and operating systems.

10. I expect the mobile app to have an intuitive interface with clear and concise instructions for easy setup and usage.

11. It would be great if the device could provide suggestions for safe cooking practices and techniques.

12. I suggest including a battery backup for the device to ensure functionality during power outages.

Set 16:

1. a

2. c

3. a

4. b

5. a

6. a, b

7. b

8. I would like the device to have a built-in air purifier to improve indoor air quality in the kitchen.

9. I am concerned about the device's compatibility with my smartphone and whether it supports the latest operating system.

10. I expect the mobile app to have a

user-friendly interface with clear instructions and easy-to-understand visuals.

11. It would be beneficial if the device could integrate with smart kitchen appliances to enhance overall safety and efficiency.

12. I suggest including a backup communication method, such as SMS alerts, in case of Wi-Fi connectivity issues.

Set 17:

1. c

2. a

3. a

4. b

5. a

6. a, c

7. c

8. I would like the device to have a built-in motion sensor to detect any suspicious activity in the kitchen.

9. I am concerned about the device's compatibility with different home Wi-Fi networks and whether it requires a specific frequency.

10. I expect the mobile app to have a responsive design that adapts well to different screen sizes and orientations.

11. It would be great if the device could provide real-time video streaming of the kitchen through the mobile app.

12. I suggest including a user-friendly help center in the mobile app with FAQs and troubleshooting guides.

Set 18:

1. b

2. a

3. b

4. a

5. b

6. a, c

7. a

8. I would like the device to have a built-in emergency button that can send an immediate distress signal to emergency contacts.

9. I am concerned about the device's compatibility with my existing smart home ecosystem and whether it can integrate seamlessly.

10. I expect the mobile app to have a user-friendly interface with clear instructions on how to set up and use the device.

11. It would be beneficial if the device could provide real-time energy consumption data of kitchen appliances.

12. I suggest including a built-in speaker in the device for voice-based alerts and notifications.

Set 19:

1. c

2. b

3. b

4. a

5. a

6. a, b

7. b

8. I would like the device to have a built-in water leak sensor to detect any water-related incidents in the kitchen.

9. I am concerned about the device's compatibility with different router configurations and whether it can connect reliably.

10. I expect the mobile app to have a simple and intuitive onboarding process for easy setup and configuration.

11. It would be beneficial if the device could detect abnormal sound patterns in the kitchen and alert the user.

12. I suggest including a user-friendly web portal in addition to the mobile app for easier access and management.

Set 20:

1. b

2. b

3. a

4. c

5. b

6. a, b

7. a

8. I would like the device to have a built-in emergency light that can illuminate the kitchen during power outages.

9. I am concerned about the device's compatibility with different smartphone platforms (iOS, Android, etc.).

10. I expect the mobile app to have an intuitive dashboard that displays all relevant information at a glance.

11. It would be great if the device could integrate with smoke exhaust systems to automatically activate them during emergencies.

12. I suggest including a built-in CO2 sensor to detect and alert for high levels of carbon dioxide in the kitchen.