

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT, NAGPUR

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OVERVIEW

Smart Clothes Hanger (INTELLIHOOK): Keeping Your Garments Dry

Components:

- **Raindrop Sensor:** Mounted on top, detects rain droplets.
- **Buzzer:** Alerts with a sound when rain is detected.
- **Microcontroller:** Processes sensor data and triggers actions.
- **Cellular Module:** Connects to the Twilio platform for communication. Provides notification and control over the hanger.

Working:

- **Rain Detection:** Raindrops falling on the sensor trigger a signal.
- **Alert and Notification:** The buzzer sounds, and the microcontroller sends an SMS and/or makes a call (using Twilio) to the owner's phone number.
- **Action:** The owner receives notification and can take action to bring the clothes indoors before they get wet.

Benefits:

- **Prevents rain damage:** Protects clothes from getting wet and potentially ruined.
- **Improves wardrobe management:** Provides real-time insight into environmental conditions affecting garment care.
- **Enhances convenience:** Offers automated alerts, eliminating the need for manual monitoring of humidity levels.

Innovative Idea:

- This smart hanger utilizes a simple and cost-effective approach to remotely monitor clothes for weather changes. It leverages existing technology (Twilio) for communication, making it accessible and user-friendly. This information empowers users to take proactive measures in protecting their clothes and maintaining a well-organized wardrobe.

Intellihook Design Seven View Set

FRONT VIEW

BACK VIEW

LEFT SIDE VIEW

RIGHT SIDE VIEW

TOP VIEW

BOTTOM VIEW

PERSPECTIVE VIEW

