



ITESO, Universidad Jesuita de Guadalajara

Presentan:

Equipo 2:

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Materia: Laboratorio de Desarrollo de Soluciones Tecnológicas

PROBLEM CARD

Problem Title: Enhancing Kitchen Safety and Efficiency with IoT Integration

Problem Statement: This study aims to address the need for improved safety and efficiency in kitchens through the integration of IoT technologies, specifically focusing on implementing visual recognition cameras and CO2 or smoke detection systems.

Research Necessity: It is crucial to explore this problem as kitchen safety is paramount, and traditional methods may not be sufficient to prevent accidents or optimize workflow. By leveraging IoT, we can proactively detect hazards and streamline operations.

Research Question: How can the integration of visual recognition cameras and CO2 or smoke detection systems enhance safety and efficiency in kitchen environments?

Category: The project falls under the "Smart Home" category within the realm of IoT, specifically focusing on kitchen automation and safety enhancement.