# RESEARCH ANALYSIS 1

**Individual Title**

**Literature Review**

**Research Summary**

**Study Objectives**

* **Objective 1**:
* **Objective 2**:

**Novelty**

**Findings**

**Research Gaps**

* **Gap 1**:
* **Gap 2**:

**Methodology**

**Citation**

# RESEARCH ANALYSIS 2

**Individual Title**

Motion Detection Notification System using Network Camera

**Literature Review**

**Research Summary**

* The research proposes a web-based camera system designed for cost-effective security surveillance.
* It utilizes motion detection and SMS notifications to enhance security monitoring.
* The study emphasizes the potential of network cameras in reducing the need for constant user monitoring.

**Study Objectives**

* **Objective 1**: Develop a cost-effective web-based camera system for security surveillance.
* **Objective 2**: Integrate motion detection with SMS notifications to alert users of security events.

**Novelty**

* The study is novel for its integration of motion detection with SMS notifications in a web-based camera system, aiming for cost-effective security surveillance.

**Findings**

* Network cameras with motion detection and SMS notifications can significantly reduce the need for constant user attention in security monitoring.
* The study indicates a need for further improvements in mobile device integration to enable comprehensive tracking.

**Research Gaps**

* **Gap 1**: Further research is required to better integrate mobile devices for comprehensive tracking.
* **Gap 2**: Advanced techniques are needed for real-time tracking and remote surveillance via mobile devices.

**Methodology**

* A prototype web-based camera system was developed.
* Motion detection algorithms were integrated into the system.
* SMS notification functionality was implemented.
* The system's effectiveness was evaluated based on its reliability in detecting motion events and sending SMS alerts.

**Citation**

Mohd Norzali Haji Mohd, M., Mohd Helmy Bin Abd Wahab, S., & Ariffin, S. K. (2010). Motion detection notification system by short messaging service using network camera and global system for mobile modem. *arXiv*. [http://arXiv.org/pdf/1006.2798v1](http://arxiv.org/pdf/1006.2798v1)