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Objectives

1. System provide service to all
2. System integrated with Solar
3. Show the current entire house
4. Help users to manage and control

Commercializabilities

1. Cloner of the stand alone Solar System
2. Residential developer
3. High-rise properties residential and
4. Apartment complex project

Novelty & Inventiveness

1. Adopting innovation method to provide service
2. Data generated used every second, four and five
3. Integration of energy management and security
4. Innovative new human management and security
5. Integration of conventional electrical interface Solar Panel
6. Solar panel is integrated to supply lighting
7. Lighting system are automatic monitoring and control

Where Great Tech

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Poster with text and diagrams, including the heading 'Kawasan Komunikasi' and 'Where Green Technology'.

Where Green Technology



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Figure 2: Problem Statement

Table 1: Comparison between conventional traffic light and SR-TL

Factors	Conventional Traffic Light	SR-TL
Efficiency	Vary	Consistent
Waiting time	Long	Short
Air Pollution	Increases	Reduces
Probability of Accident	Increases	Reduces
Probability of Traffic Congested	Maintain	Decreases
Monitoring of Traffic Police	Require	No Require
Safety	No	Require

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Usefulness in Solving Problem

- 1. In real situation, nurses or doctor need to check physically from one patient to another patient to perform their duty to check patient's health condition. This may not be able to monitor the patient's health condition continuously. The iSMS is an innovative system that developed for improve the communication among patients, doctors, and other health care workers continuously in real time basis.
- 2. The iSMS will alert health care workers (nurses and nurses) when abnormality of patient is detected.
- 3. The iSMS also helps the patient to alert the care worker when they are not able to press the emergency call button due their critical health condition.
- 4. Thus, the iSMS is developed to notify the doctors and nurses to monitor the real time health information of their patient - most importantly, when abnormality is detected.
- 5. The iSMS is helpful for critical cases where the fast emergency response is crucial.

Potential Commercialization

The developed system can be employed and commercialized to all the hospitals or clinics that require the continuous health monitoring need for fast emergency response.



Environmental Friendliness

The system is developed by using low power rgbw led technology which is proven to save the energy up to 30%.



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AXIS

- Unsurpassed visibility in smoke or fog without disorientating bright spots of light.
- Economical and Easy to install in new or retrofit installations with plug and play concept.



Where Great Technical Careers Begin

KELUAR



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FEEDBACK & COLLABORATION



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Common advantages

- Department of Electrical Engineering, Faculty of Engineering, UTeM

Advantages

- International award
- Wide area coverage
- International network
- High quality of service
- Environmental and safety



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ITEX 12
MALAM BUDAYA
CIPTA
GRAND BALLROOM
18 MAR 2014



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