

# **FINAL YEAR PROJECT REPORT**

## **Smart class monitoring and schedule display system for umt**



A report submitted to

**School of Science and technology**

In partial fulfillment of the requirements for the

**Degree**

**Bachelor of Science**

**In**

**Electrical Engineering**

**By**

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**University of management and technology**

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## Acknowledgment

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Expressing gratitude toward you!

**(Signed)**

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## **Declaration**

I hereby declare that all the information in this thesis is the result of our concentrated efforts and our original work. This exploration work to the best of our insight and conviction imitates no material already distributed or composed or that has been acknowledged for the grant of whatever other degree aside from where due affirmation has been made in the content.

## **ABSTRACT**

The main objective is to solve the energy crises in Pakistan by using our automation sensor. The PIR sensor we are using in our project control the load connected in our rooms.pir sensor when detect the human body send a signal to relay which is directly connected with our load. The automation system is control by a pic-16f877a which is connected by a serial port with computer. In our computer excel time for rooms is uploaded when the time of excel is match with computer then it send signal to pic which further open the appliance. From this network we can save our energy.

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