Data Acquisition Unit using GSM (SMS) interface

By

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Supervised by

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A report is submitted to the department of Computer Sciences
BIM&CS, Islamabad.

In partial fulfillment of requirement
for the degree of BCS

Department of Computer Sciences, Islamabad
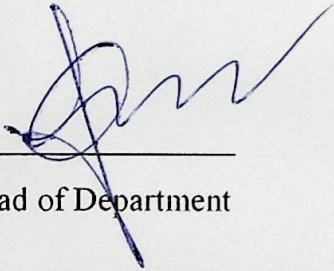University of Peshawer, Peshawer.

<u>Dedication</u>

Dedicated to my parents whose prayers make me stand where I am today
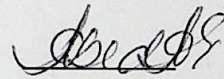
<u>Acknowledgements</u>

Thanks to all the people who made this project a success. Firstly I would like to thank my advisor ABID ALI MINHAS who has always been there in case of any problems. I have been greatly benefited from the help of my advisor ABID ALI MINHAS has extended to me. His contribution towards making of this project was overwhelming. He was tolerant towards all the questions I asked and given every sort of technical skills .In the end I would like thank the staff members who have provided their valuable time and efforts.
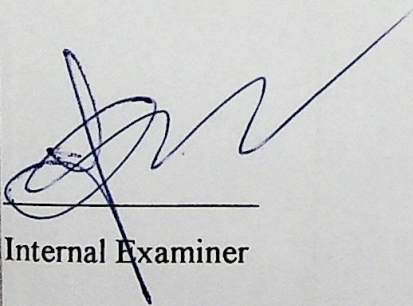
Certificate

This is certify that we have read the project report submitted by Usman Sadiq, it is our judgement that this report is of sufficient standard to warrant its acceptance by Bahria Institute of Management and Computer Science department of University of Peshawar , Islamabad for the degree of Bachelor of Computer Science .
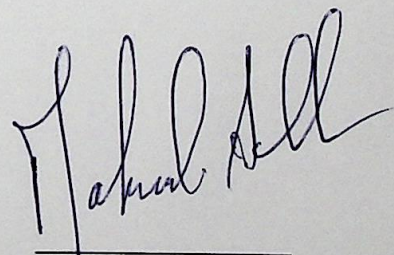
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Head of Department

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Supervisor

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Internal Examiner

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External Examiner

PREFACE

Remote monitoring is the need of today's industry. Control of fire alarms and warning system are as important as the remote visual monitoring of the building systems. Remote control of the lights, heating and cooling systems can save a lot of effort.

In the same way the storage god owns for textile and food material do need a control of humidity and temperature for a long life of the fabric and freshness of the food .All these requirements are very genuine and exist in the industry and project scenario of our country.

Use of microcontrollers in microwave ovens, printers, televisions ,radio transceivers ,speedometers ,electronic fuel injection system and fly by wire systems of the aircraft has become very common .This has resulted in the cost of embedded hardware .

The objective of this project is to make available the node parameters which can be Send data from node parameters to any where you want using short messaging service of GSM.

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