Eroject Title:

[20 points, Times New Roman (TNR), centered]

Sample 1: Front cover

Submitted by

[18 points, TNR, centered]

Student Name 1

[14 points, TNR, centered]

[14 points, TNR, centered]

ID: 15.….20

Student Name 2

ID: 15…..49

A project report submitted in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering from City University

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CITY UNIVERSITY, DHAKA, BANGLADESH

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[13 points, TNR, Uppercase, Centered]

AUGUST 2019

Project Title:

Submitted by

Student Name 1

ID: 15.….20

Student Name 2

ID: 15…..49

A project report submitted in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering from City University

[Logo Size: Height: 1.1”, Width: 1.78”, with circle]



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CITY UNIVERSITY, DHAKA, BANGLADESH

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AUGUST 2019

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**DECLARATION**

This is to certify that the project titled “**Extraction of Signal from Noisy Channel Based onKalman Filter**” is the result of our study in partial fulfillment of the B.Sc. Engineering degree under the supervision of <Supervisor Name>, <Designation>, Department of Electrical and Electronic Engineering (EEE), City University, Bangladesh. It is also hereby declared that this project or any part of it has not been submitted elsewhere for the award of any degree.

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|  |  |
| --- | --- |
| Signature of Author’s  Md. …………….  ID: xxxxxxxxx  Dept. of Computer Science and Engineering  City University, Dhaka, Bangladesh  Md. …………….  ID: xxxxxxxxx  Dept. of Computer Science and Engineering  City University, Dhaka, Bangladesh | Signature of Supervisor  Md. ………………….  Designation  Dept. of Computer Science and Engineering  City University, Dhaka, Bangladesh |

**ACKNOWLEDGEMENT**

First, we would like to say heartiest thanks to almighty “ALLAH” for giving us the strength to finish the project as a part of our partial fulfillment for the requirements for the Degree of B. Sc. in Electrical and Electronic Engineering. We would like to express our gratitude and appreciation to our supervisor,<Name>, <Designation>, Department of Electrical and Electronic Engineering of City University for the guidance and enthusiasm extended throughout the progress of this work.We would like to say Special thanks to our head of the department Md. HumayunKabir Khan, Assistant Professor, Department of Electrical and Electronic Engineering of City University for his precious advises, fruitful suggestions and coordination. We would like to express our heartiest gratitude to Prof. Dr. Engr. Md. Huamaun Kabir , Dean, Faculty of Science & Engineering, City University for allowing us to do the projects. We are also grateful to all the faculties of the Department of Electrical and Electronic Engineering of City University, Bangladesh for giving us the opportunity to complete the work and necessary support during the period. This thesis work would not have been possible without the encouragement, logical help and advice from our friends. We are grateful to them. Finally, we must acknowledge with due respect the constant support and patience of our parents.

[The acknowledgement page is conventional but is not required. This page allows you to thank those individuals who helped you to create your thesis or project report. This should be occupy a single page.]

**ABSTRACT**

[Each copy of project/thesis report must contain an abstract. The abstract is a summary of the work’s significant contents and should contain a short statement of the problem, a brief discussion of the methods and procedures used in gathering data, a summary of the finding and the results obtained. This should be occupy single page and not more than 150 words. The abstract does not have subdivisions.]

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CHAPTER 1

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Sample 9: Main Body of Report

INTRODUCTION

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* 1. **Introduction**

The introduction serves to set the scene or scope of the intended goal. It identifies the overall theme of the work and will usually explain the needs that have led to the project proposal. This chapter describes the background and the relevant information for this Thesis/Project work by briefly introducing the field and explaining the principal research problem. The objectives of this thesis are also presented in brief. Finally, a concise outline of the thesis is provided at the end of the chapter. This chapter should include at least 5-10 references related to the thesis/project.

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* 1. **Background of the Study**

More than 70% of the Earth’s surface is covered by water with nearly 97% seas and oceans [1]. The environment in underwater holds a great deal of uncertainty and potentially hostile in many cases for human being. However, this huge underwater area is abundant in natural resources, both marine life and minerals. Furthermore, if we can closely monitor the seismic activity in underwater, it would be possible to predict the tsunami as well as the earthquake.

* 1. **Objectives of the Research Project/Thesis**

[Text]

CHAPTER 3

METHODOLOGY/ EXPERIMENTAL DESIGN

This chapter introduces about the required components and software to design our proposed system. The specification and fundamental ideas of each components is mentioned briefly in this chapter. This chapter also explains what you did and how you did it, allowing readers to evaluate the reliability and validity of your thesis/project. A detail analysis of theoretical studies, proposed circuit diagram, Simulation and implementation of proposed system should be placed in this chapter.

* 1. **Required Components and Software**

[Text]

* 1. **Description of Components**

[Text]

[Sub-heading: 12 points, TNR]

* + 1. **Arduino Nano**

[Text]

* + 1. **Relay**

[Text]

* 1. **Description of Software**

[Text]

* + 1. **Proteus Design Suite**

[Text]

**REFERENCES**

[11 points, TNR, Uppercase]

1. S. Al-Dharrab, M. Uysal and T. M. Duman, “Cooperative Underwater Acoustic Communications,” IEEE Communications Magazine, vol. 51, no. 7, pp. 146-153, July 2013.

[11 points, TNR,

Line space 1.5, IEEE format]

1. Akhil N, DinuMohan ,Fayis P, SijaGopinath “Railway Crack Detection System” International Research Journal of Engineering And Technology (IRJET), Volume: 03, Issue: 05 ,May-2016, ISSN: 2395-0072.

Sample 10: Reference Page

1. Smart Grid Vision and Roadmap for India, August 12, 2013, Ministry of Power Government of India.Accessed: January 30, 2019. [Online]. Available: http://www.nsgm.gov.in/sites/default/files/India-Smart-Grid-Vision-and-Roadmap-Full-Document.pdf

**APPENDIX A**

**APPENDIX B**

**Appendix B: Departmental Project/Thesis Approval Form**