A PROJECT REPORT ON

ONLINE SHOP MANAGEMENT SYSTEM

SUBMITTED BY

Syed Ariful Islam Emon

Batch: 23rd Id: P-201502302

Nirjhar Mazumder

Batch: 23rd Id: P-201502305

Md. Masud Shikder

Batch: 23rd Id: P-201502306

In partial fulfillment for the award of the degree

OF

POST GRADUATION DIPLOMA (PGD)

ΙN

INFORMATION & COMMUNICATION TECHNOLOGY (ICT)

A_T

Bangladesh Korea Institute of Information & Communication Technology (BKIICT)

Bangladesh Computer Council Information & Communication Technology Division



CIRTIFICATE

TO WHOME SO EVER IT MAY CONCERN

This is to certify that **Syed Ariful Islam Emon, Nirjhar Mazumder** and **Md. Masud Shikder** the students of PGD in ICT has completed their project work titled "**ONLINE SHOP MANAGEMENT SYSTEM**" satisfactorily in partial fulfillment of requirement of PDG-ICT course, Bangladesh Korea Institute of Information & Communication Technology (BKIICT), Bangladesh Computer Council, Information & Communication Technology Division, in the year 2015-16.

Md. Saiful Islam Shuvo
Software Engineer,
LumexTech Solutions Ltd.
Course Instructor
Bangladesh Computer Council

CANDIDATES' DECLARATION

I am hereby declared that, project report entitled "ONLINE SHOP MANAGEMENT SYSTEM" for the award of the partial fulfillment of requirement of PGD-ICT course, Bangladesh Korea Institute of Information & Communication Technology (BKIICT), Bangladesh Computer Council, Information & Communication Technology Division, in the year 2015-16 under the guidance and supervision of Mr. Md. Saiful Isam Shuvo.

Also I declare that following student also equally worked in this project:

- 1. Syed Ariful Islam Emon
- 2. Nirjhar Mazumder
- 3. Md. Masud Shikder

Candidate Signature:

Syed Ariful Islam Emon Nirjhar Mazumder Masud Shikder

Batch: 23rd Batch: 23rd Batch: 23rd

ACKNOWLEDGEMENT

Success in such a comprehensive project cannot be achieved single-handed. It is the team effort that sails the ship to the coast. So we would like to express our sincere thanks to all the dignitaries who were involved in making this project the great joy and turning it out into the successful piece of work. The report being submitted today is a result of collective effort. We would like to extend our sincere thanks to all of them. The report has been solely prepared by us with the purpose of fulfilling the *Degree of Post-Graduation Diploma in Information and Communication Technology*. There are in numerous helping hands behind it who have guided us.

We are lifelong indebted to Mr. Md. Saiful Islam Shuvo Sir, whose contribution in stimulating suggestions and encouragement, helped us to coordinate our project, while we shall be facing the profession world. He provided very friendly environment in the institute so that we have been able to work at extreme level of ours. His uncompromising demand for quality and instance for meeting the deadlines. We are motivated to complete the work before time achieves excellence in whatever we did.

Needless to mention **Fahmida Ahmed** Ma'am, BCC and course Coordinator in PGDICT, Batch-23rd of BCC spared no pains to train us in ICT with great enthusiasm and inspiration. Under his able guidance and leadership we really had a great Opportunity to be trained in ICT.

We would also like to thank to Mr. Md. Shohidul Islam Sarkar, Lab Assistant of Bangladesh Computer Council for all his valuable assistance in the project work. We are also like to thank our all the Instructors who are always being a best Guide for us. They are the persons who give solutions whenever needed. They all are also a part of our success of this program and study. We have to appreciate the guidance given by other supervisor as well as the panels especially in our project presentation that has improved our presentation skills thanks to their comment and advices.

Last but not the least, we would also like to thank our friends and classmates who co-operate us during the preparations of our project report and without them this report has not been possible. Their ideas helped us a lot to improve our project report.

We would also like to acknowledge all the friends and colleagues, team members for the help and encouragement by them from time to time. The constant support and encouragement of my friends is deeply appreciated. The project indeed gave challenging and exhilarating experience in designing and developing the required system.

With sincere regards,

Syed Ariful Islam Emon Nirjhar Mazumder Md. Masud Shikder

TABLE OF CONTENTS

Chapter No.		Chapter Title	Page No.	
		Project Profile	1	
01		Introduction	2-6	
01		Introduction	2-0	
	1.1	Introduction	3	
	1.2	Project Overview	3-4	
	1.3	Scope of the project	4	
	1.4	Objective of the project	4-5	
	1.5	Facilities	5	
	1.6	Security fact	6	
	1.7	Analytical functionalities	6	
02		Project Findings & Methodology	7-11	
	2.1	Project Findings (existing systems)	8	
	2.2	Main Objectives	8	
	2.3	Methodology of Online Shopping	8-9	
	2.4	Various Method of Online Shopping	10-11	
03		System Requirements	12-28	
-03		System requirements	12-20	
	3.1	Tools and Platforms Used	13-28	
04		Project scheduling & Work breakdown	29-31	
		110ject sentaamig to 1101h steahao#1	25 61	
	4.1	Project Scheduling	30	
	4.2	Roles and Responsibilities	30	
	4.3	Pert Chart	31	
	4.4	Gantt Chart	31	
			'	
05		System Analysis and Design	32-6	
	5.1	System analysis	33	
	5.2	Software Process Models	33-35	
	5.3	Web Engineering	36-37	
	5.4	Steps in Website Development Process	37-39	
	5.5	Database Design Basics	39-41	
	5.6	E-R Diagram DFD (Data Flow Diagram)	41-47 47-50	
	5.8	Schema	50	
	5.9	Primary Key	51	
	5.10	Foreign Key	51	
	5.11	Schema diagram for administrator and Customers	51	
	5.12	Data Dictionary	51-52	
	5.13	Description of data objects in database table	52-56	
		<u> </u>	'	
06	Graphical User Interface & User Guide		57-75	
		No. 17 Company	~ 0	
	6.1	Main Features of This System	58	
	6.2	Privacy & Security of This System	59	
	6.3	About the System	59	
	6.4	Menu Types	59	
	6.5	Organization of the Template	60	
	6.6	Screenshots and outputs of the system	61-74	

07		System algorithms & Coding	75-78
	7.1	Customer Login Module	76
	7.2	Registering Customer	77
	7.3	Customer order product	78
	7.4	Admin panel order showing	78
08	Improvement of System		79-82
	8.1	Maintenance	80
	8.2		80-81
	8.3	System maintenance System Security Measures	81-82
	0.5	System Security Weasures	01-02
09	System's Limitations & Future Enhancement		83-85
	9.1	Benefits	84
	9.2	Limitation of the system	84
	9.3	Future Enhancement of Our Project	85
10			04.0=
10	Discussion & Conclusion		86-87
	10.1	Discussion & Conclusion	87
11	References		88-90
11	Keierences		00-70
	11.1	Websites	89
	11.2	Books	90