



Independent University, Bangladesh

Internship Report

On

Dekko Isho Website(UI Design)

**In consideration of the partial fulfillment of the requirements for the degree
of**

BACHELOR OF SCIENCE

In

Computer Science & Engineering

Submitted by

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Letter of Transmittal

Date: 27 January 2021

Ms.Romasa Qasim

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Department of Computer Science and Engineering

Independent University Bangladesh

Bashundhara, Dhaka

Subject: Submission of Internship Report.

Dear Madam,

With all due regard, It is a great pleasure to submit my report on Internship at Dekko Isho group. I have tried to discuss my project works, achievements and experiences in this report.

I have learned many things during my internship period, which was quite interesting, beneficial and knowledgeable. It is my immense pleasure in presenting you this report based on my experience during my internship. In this report, I have discussed my internship period at Dekko Isho group, an overview of the company and its activities, my experiences working for such a company in Bangladesh.

I also hope that you would be kind to accept my internship report also taking into consideration of any mistakes in preparing this report. I also would like to thank you for giving me the opportunity to submit this report.

Sincerely Yours

Mehedi Hasan Shuvo

ID: 1530538

Internship Report
On
Dekko Isho Website
An undergraduate internship report submitted by
Mehedi Hasan Shuvo
Id – 1530817
Has been approved on 27/ 01 / 2021

Ms. Romasa Qasim
Internship Supervisor & Lecturer
Department of Computer Science and Engineering
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Acknowledgement

At first, I would like to thank Almighty ALLAH for giving me the endurance and the ability to work hard. It is my privilege that I had the opportunity to do an internship at Dekko Isho Group. I would like to thank all the people on whom I carry out my internship.

I express my deep gratefulness to my supervisor Ms. Romasa Qasim Lecturer, Department of Computer Science and Engineering, Independent University, Bangladesh; for her invaluable instructions, continuous guidance, constructive criticisms and thoughtful advice during pursuing this internship and preparation of this report.

I also express my deep gratefulness to Mr.Masudur Rahman (IT Head,Dekko Isho Group). I would also like to thank my colleagues at the office. They were really supportive and they made my internship period more eventful and enjoyable. Without them it was not possible to done the tasks successfully.

Finally, I must acknowledge with due respect the constant support and patients of my parents.

Abstract

This report documents the process of designing and developing a static website for Dekko Isho Group. The old website of Dekko Isho Group was made of Wordpress. Due to having heavy media contents, the website took a long time to load. Besides there was an cyber attack on this website and the website was hacked.

Though the company managed to get their website back but they lost so many data and the most of the content do not load properly. Initially it was planned to make this website dynamically. A team was built consisting me and some of my colleagues to remake this website again. But due to some issues the project was delayed. As my internship period was only for 3 months I had to complete this website statically. It will later be used to built the website dynamically. I was assigned to their front end team and I have done my part. Rest of the part will be covered by the back end team of Dekko Isho Group.

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Chapter 1

Introduction

Dekko Isho Group's current website is made with Wordpress. This website is mostly static. Some months ago this website was hacked by French hackers. Though Dekko Isho Group managed to get their website back but the website became too slow and most of the contents didn't load properly.

In this project, I have redesigned their website on my own. As I was in the front end team I have made the website statically. I have used only html, css, bootstrap and javascript for this project. The layout will further be used for developing the website dynamically.

1.1 Project Background

The old website was hacked and unable to use so a team was made to create the website differently. But due to some issues the project was delayed. So I've fulfilled my front end part and statically created the website layout. But it will be used for further progress.

1.2 Problem Statement

The main problem of the old website was, it was too heavy with lots of contents and it takes a lot of time to load. Besides the website was hacked and lots of contents were gone. So a new type of website was planned to be made. It was a task for me to make the template of the website

And it was initially planned that the back end team will use it and make the website. But due to some reasons it was delayed.

1.3 Objectives

- Make the website lighter and easy to load.
- Make the website look more attractive.
- Easy to use for clients.
- Products details.
- Client details.

1.4 Scope of the Project

- It can later be used for back end work.
- The clients list and details can be seen.
- Dekko isho's company profile can be seen and can contact through their website.

1.5 Major Responsibilities

- Working & updating front-end for Dekko Isho Website.
- Communicating for upcoming updates.
- Generating new ideas for the system.
- Discussing the work with the expertise before starting the work.
- Collaborate with my Team.

CHAPTER 2

COMPANY PROFILE











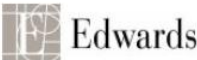













2.1 Company Background

Since the 1950s, Dekko Group has been singularly focused on delivering superior, consistent results using high-conviction portfolios, rigorous research and individual accountability. The Group has experienced phenomenal growth, becoming the market leader due to the quality of its goods and services, its focus on cost leadership and the efficiency of its human capital. The adherence to quality and timeliness in their exports have earned them a competitive advantage, having turned them into the industry leader of today.

2.2 Dekko Isho's Services

- Woven Tops
- Woven Bottoms
- Cotton Shirts
- Jeans Pants
- Jackets
- T shirts

2.3 Dekko Isho's Clients

2.4 Dekko Isho's address

CORPORATE OFFICE

Suvastu Zenim Plaza House # 37 (4th Floor), Road # 16 (Old 27),
Dhanmondi R/A, Dhaka-1209

Contact No: +88 02 9132-934/-944

Email: info@dekkoisho.com

EUROPE OFFICE

36 GLOUCESTER AVENUE, NW1 7BB LONDON, United Kingdom

2.5 Factory Units:

- Dekko Apparels Ltd
- Dekko Readywears Ltd
- Dekko Garments Ltd
- Globus Garments Ltd
- Agami Fashion Ltd
- Agami Washing Ltd

CHAPTER 3

LITERATURE REVIEW

3.1 Web Development

Web programming, also known as web development, is the creation of dynamic web applications. Web development is the work involved in developing a web site for the Internet (World Wide Web) or an intranet (a private network). Web development can range from developing a simple single static page of plain text to complex web-based internet applications (web apps), electronic businesses, and social network services.

There are two broad divisions of web development – front-end development (also called client-side development) and back-end

development (also called server-side development) which have been demonstrated as follows:

3.1.1 Front-end Development

Front-end web development, which is also known as client-side development is the practice of producing HTML, CSS and JavaScript for a website or Web Application so that a user can see and interact with them directly. Front-end developers are engaged in analyzing code, design, and debugging applications along with ensuring a seamless user experience. Front-end developer manages what people first see in their browser. As a front end developer I am responsible for the look, feel and ultimately design of the site. The challenges associated with front end development is that the tools and techniques used to create the front end of a website change constantly and so the developer needs to constantly be aware of how the field is developing.

The objective of designing a site is to ensure that when users open up the site they see the information in a format that is easy to read and relevant. This is further complicated by the fact that users now use a large variety of devices with varying screen sizes and resolutions thus forcing the designer to take into consideration these aspects when designing the site. They need to ensure that their site comes up correctly in different browsers (cross-browser), different operating systems (cross-platform) and different devices (cross-device), which requires careful planning on the side of the developer.

3.1.2 Back-end Development

Back-end Development refers to the server side of development where you are primarily focused on how the site works. Making updates and

changes in addition to monitoring functionality of the site will be your primary responsibility. This type of web development usually consists of three parts: a server, an application, and a database. Code written by back end developers is what communicates the database information to the browser. Anything you can't easily see with the eye such as databases and servers is the work of a back end developer. Back end developer positions are often called programmers or web developers.

Back-end scripts are written in many different coding languages and frameworks, such as

- PHP
- ASP.NET
- Perl
- Java
- Node.js
- Python

3.1.3 Graphic Design

Graphic design uses visual compositions to solve problems and communicate ideas through typography, imagery, color and form. There's no one way to do that, and that's why there are several types of graphic design, each with their own area of specialization.

Though they often overlap, each type of graphic design requires specific set of skills and design techniques. Many designers specialize in a single type, others focus on a set of related, similar types. Graphic design can use image-based designs involving photos, illustrations, logos and symbols, type-based designs, or a combination of both techniques. These designs can include various combinations of the following elements.

Computer graphic design combines skills in technology, business and art, using computer-generated images and words to create unique concepts and messages for publishing and advertising.

3.2 Relation with Undergraduate Courses

In Independent University Bangladesh(IUB), I have one numerous course among them, these five courses are related to my internship work, Database Management (CSE303), System Analysis and Design (CSE307), Web Application & Internet (CSE309), Software Engineering (CSE451) and Mobile Application Development (CSE464).

Database Management (CSE303), one of the basic courses where I learned about the Database development process and Database languages. E-R Model, Transferring ERD to Relations, Introduction to normalization, and Introduction to Structured Query Language was part of this course. Database Management can too portray the information capacity, operations, and security practices of a Database Administrator (DBA), all through the life cycle of the information.

Overseeing a database includes planning, actualizing, and supporting put away information, to maximize its esteem.

System Analysis and Design (CSE307), System analysis is conducted for the reason for considering a framework or its parts in arrange to distinguish its goals. It could be an issue tackling a strategy that makes strides the system and guarantees that all the components of the system work effectively to achieve their reason. It could be a process of planning an unused business system or supplanting an existing framework by characterizing its components or modules to satisfy the

particular necessities. Sometime recently arranging you wish to get it the old system completely and decide how computers can best be utilized in arranges to function proficiently.

Web Application & Internet (CSE309), a computer program that utilizes web browsers and web technology to perform errands over the Web. Web applications utilize a combination of server-side scripts (PHP and ASP) to handle the storage and retrieval of the data, and client-side scripts (JavaScript and HTML) to show data to clients.

Software Engineering (CSE451), teach us the process of analyzing user requirements and then designing, building, and testing software application which will satisfy those requirements. It moreover incorporates related documentation required for creating, working, and keeping up them.

TOOLS WE USED TO BUILD THIS PROJECT

3.2.1 HTML5



HTML5 is a markup language used for structuring and presenting content on the World Wide Web. It is the fifth and last major HTML version that is a World Wide Web Consortium recommendation. The current specification is known as the HTML Living Standard.

3.2.2 CSS3



Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

3.2.3Bootstrap 4

Bootstrap 4



Bootstrap is a free front-end framework for faster and easier web development. Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins.

3.2.4 Javascript



JavaScript, often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

3.3 Methodology

The study mainly focuses on the development of Dekko Isho Group. To develop the website we will follow Waterfall Methodology.

The waterfall model is a breakdown of project activities into linear sequential phases, where each phase depends on the deliverables of the previous one and corresponds to a specialization of tasks. The approach is typical for certain areas of engineering design. The waterfall methodology is a sequential development approach, in which development is seen as flowing steadily downwards (like a waterfall) through several phases.

CHAPTER 4

DEVELOPMENT PHASE

This Dekko Isho website is created just to make the website more user friendly for its buyers. Because Dekko Isho has buyer from many other countries. So it should be easily maintainable. Though the front end part is only done. But in future there will be an admin panel and most of its contents will be managed from its database.

4.1 Software Development Process of Dekko Isho Group

Purpose: Making the website more user friendly, interactive and should take less time to load.

Procedures:

- Analyzing and Specifying the Requirement
- Designing the System
- Implementing all the functional and non-functional requirements
- Validating the system
- Changing the software in response to changing demands
- Deployment the system

Standards:

- Understanding, analyzing and documenting the system requirement
- System should be developed by following proper software development process methodologies
- System should be tested every phase in proper way by following standard quality assurance and testing methodologies

Knowledge, Skill, Environment and Resources:

Knowledge of html, Css, Bootstrap, JQuery,Python Django.

Also need friendly working environment and computing resources as well.

Tools: Visual Studio Code.

4.2.1 Planning

In planning section it has been done the Requirement Analysis which is divided into two parts as Functional & Non Functional requirements. Here, these requirements are identified by discussing with the management team, through studying the existing system, talking to different user groups. After that, designing of the system, implementing, testing also done for the website.

4.2.2 Requirement Analysis

Requirements Analysis is the procedure of defining the expectations of the users for an application that is to be built or reformed. Requirements analysis involves all the tasks that are conducted to identify the needs of different stakeholders. Therefore requirements analysis means to analyze, document, validate and manage software or system requirements. Great quality requirements are documented, actionable, measurable, testable, traceable, helps to identify business opportunities, and are defined to a facilitate system design as well. The requirements of the company we have included functions into the system and finalized the requirements as well.

4.2.3 Functional Requirements

The functional requirement is that it essentially specifies something a system should do. The Functional Requirements are the operations and activities that a system must be able to perform.

Here in this section Functional Requirements for the system includes:

- Descriptions of data to be entered into the system,
- Descriptions of operations performed by each section,
- Descriptions of work-flows performed by the system,
- Descriptions of system reports or other outputs,
- Who can enter the data into the system,
- How the system meets applicable regulatory requirements.

4.2.4 Non Functional Requirements

Non-functional requirements are often called "quality attributes" of a system. A non-functional requirement (NFR) is a requirement that specifies criteria that can be used to judge the operation of a system. Here, according to this website Non Functional Requirements are discussed below.

Security requirements: During developing a website, Security and administration is a matter of great importance. All information on the main website is secured. Only website administrator has access to the dashboard on main website to control the features. This project is covered vue.js programming language at backend which contains various layers of security.

User friendly interfaces & less response time: Every interfaces of this website is easily understandable and user friendly. Because of

containing fast speed of server users can use this website without interruption.

Extensibility and maintainability requirements: The website can be expanded to accommodate many further modules without making any changes to any existing modules. This website is created in such a way that the administrator can easily maintain server, agent and customer sides simultaneously.

Feasibility analysis: The main purpose of the feasibility analysis is to determine whether it would be financially and technically feasible to develop a project or not. The feasibility analysis involves the analysis of the problem and collection of all relevant information relating to the product such as the different data items which would be input to the system.

- **Operational feasibility:** The website is beneficial only if it is turned into information systems that will meet the company's operating requirements. This test of feasibility asks if the system will work when it is developed and installed.
- **Technical feasibility:** The software and hardware requirements to develop this website is the concerning matter on technical feasibility. The proposed technology has to meet all software requirements by considering factors as the browser support for PHP programming language along with basic web technologies.
- **Economic feasibility:** Appropriate budget, financial benefits, investment vs. profit are main factors for economic feasibility. There is no need for any extra man power to maintain the website. As this project was developed using open source technology no additional funding is needed for technology. This project is certainly economically feasible according to these features.

CHAPTER 5

5.1 IMPLEMENTATION

Dekko Isho Website is under construction. As I have mentioned earlier I have done the front end part, now the back end team will soon start their work to create the project dynamically. After the project is done it will be implemented on test basis.

5.2 Testing

After the project is done it will also be tested properly.

5.3 Deployment

While the testing is done for the Dekko Isho Website, it is compiling for release. The executive files for Dekko Isho Website will be deployed on Web server. From the web server users can access the website easily.

CHAPTER 6

Project/Work as Engineering Problem Analysis

6.1 Sustainability of the Product/Work

The development of sustainable software has been identified as one of the key challenges within the field of Web Application. Sustainable development aims to meet show needs whereas guaranteeing supportability of common frameworks and the environment to not compromise the capacity of future generations to meet their possess needs. To keep the software more sustainable maintains of the system and user interface need to change time to time keep the function similar. This is because using the same software for a long time may reduce the modern development around us. To keep up with it, system must be developing as well as software.

For Sustainability,

- Interviewing with different stakeholders for better understand and make easy user interface product for software.
- Review of one or more similar projects, than developing initial work.
- Evaluation and feedback of stakeholders will help to improvement the system and software for Sustainable which is done through collaborative case study.

6.2 Social and Environmental Effects and Analysis

To test the catalog of criteria and legitimacy of the technique, testing facility tests were done on software items within the item bunches content handling, browser, substance administration framework, and

database. A comparison of computer program items inside each gathers and with the same usefulness uncovered pertinent contrasts in terms of equipment assets use and energy. Take the case of content handling: the vitality utilization of program 1 run on the same equipment to execute the standard utilization situation was about four times higher and processor utilization more than four times more noteworthy than with the comparable program 2. To keep the application working is optimum condition, we make sure it can use in minimum configuration include in our non-function properties.

CHAPTER 7

CONCLUSION & RECOMMENDATION

7.1 Conclusion

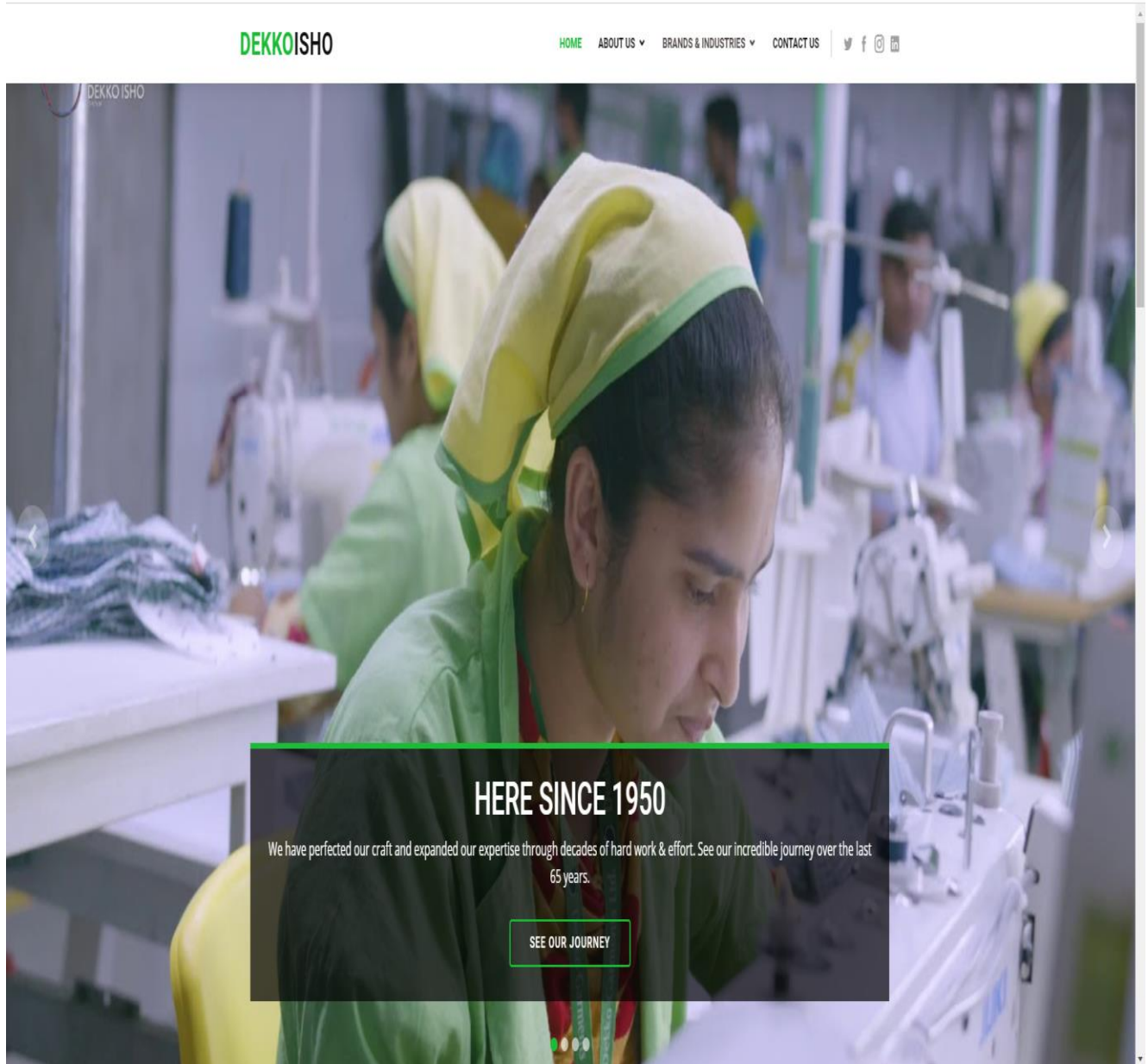
The existing website of Dekko Isho Group is very slow and lacks some information. I hope the new website will replace it as soon as possible. It will be much more easier to use, time saving and much more user friendly. The back end team will soon start their work and the website will go live as soon as possible.

7.2 Recommendation

The new website is designed to be more user interactive and easy to use. I think this will be much more productive than the previous one. There will be more new features like various language translator. So that buyers from France, Germany, Italy etc can easily access our website easily. So this new website will be recommended. When the back end of the project is done, new improvements will come eventually.

Some Screenshots of the Website

Home page:



ABOUT DEKKO ISHO

A DIVERSIFIED BUSINESS CONGLOMERATE IN BANGLADESH

Since the 1950s, Dekko Group has been singularly focused on delivering superior, consistent results using high-conviction portfolios, rigorous research and individual accountability. The Group has experienced phenomenal growth, becoming the market leader due to the quality of its goods and services, its focus on cost leadership and the efficiency of its human capital. The adherence to quality and timeliness in our exports have earned us a competitive advantage, having turned us into the industry leader of today.

- ✓ 63 YEARS OF EXPERIENCE
- ✓ 2M PRODUCTION CAPACITY PER MONTH
- ✓ 150M TURNOVER

WHY DEKKO ISHO?



Passion for the fashion

Our main driving force is to serve the fashion world from the manufacturing perspective which has led us to build our production units, organize our teams and inspire the workforce.



Process Automation

As an innovative organization, Dekko ISHO has already taken "Industry 4.0" as part of its business strategy. Our processes are automated by using sophisticated pieces of machinery and business automation software's to improve our customer responsiveness.



Unique craftsmanship

Adding value to business with our design team, fabric sourcing team, group office & washing we try to add value to the business by making new offer & presenting new concept.



Transparency and commitment towards customers

Keeping the mindset of "Customer is King", we have always satisfied our customers by adhering to our commitments. We also keep our concerned customers updated to maintain transparency on a regular basis.



Handling complex supply chain issues smoothly

Our experienced and knowledgeable team has been able to overcome the challenges in the uncertain supply chain of Bangladesh with better planning and proactive actions. Dekko ISHO has already established a seamless production process by using its own facilities in a controlled manner.



Sustainable production and green manufacturing

Dekko ISHO is working alongside with the global campaign of sustainable production and with increased use of sustainable cotton, recycled fiber in the product and by setting up environment friendly units we are showing our pledge towards green manufacturing.

OVER 30 SATISFIED CLIENTS

DEKKO ISHO

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Dhaka Division, Bangladesh

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Suvasu Zenim Plaza

House# 312, Rd No. 27, Dhaka 1209

View larger map

Location:

Shuvasu Zenim Plaza,

Road 27, Dhanmondi 1209

Dhaka, Dhaka Division,

Bangladesh

Email:

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Subject

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Shuvasu Zenim Plaza, Road 27,

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