



Daffodil
International
University

Industrial Internship

At

ZAMZAMIT

Submitted By

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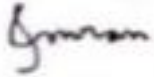
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APPROVAL

This report titled “**Industrial Internship at ZAMZAMIT**” by **Md. Masud Rana, ID: 172-35-2189** to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the submitted requirements for the degree of B.Sc. in Software Engineering and approved as to its style and contents.

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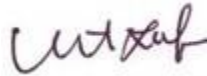
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DECLARATION

The Internship report entitled “**Industrial Internship at ZAMZAMIT**” is done under the supervision **Afsana Begum, Assistant Professor**, Department of Software Engineering, Daffodil International University. I declare that this report is my original work for the degree of B.Sc. in Software Engineering and that neither the whole work nor any part has been submitted for another degree in this or any other university.

Masud

Submitted by

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অফসানা বেগম

Certified by:

Afsana Begum
Assistant Professor

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ACKNOWLEDEMENT

It was a great privilege for me to do an internship in such a reputed company. It was all possible for my supervisor **Afsana Begum, Assistant Professor, Department of Software Engineering, Daffodil International University**. She is the one who gave me the opportunity of this internship for which I am grateful to her. Moreover, during this entire internship period, she gave me her utmost support and guidance which was really very helpful for me to complete this internship successfully. Finally, I am thankful to Allah for all the good results.

EXECUTIVE SUMMARY

As part of my internship, I chose this step because I feel it can satisfy my energy and it will give positive results for my future. I am especially grateful to ZAMZAMIT for giving me this internship opportunity and for employing me in the project “Tungi Para School Library”.

ZAMZAMIT is an IT company providing IT services in Bangladesh since 4 years. Expertise in development of software such as web and mobile applications. They have also enriched the web design, software and graphics workforce for advertising. ZAMZAMIT always puts its customer first. Their mission is to accelerate, improve the software development process and produce quality products anytime, anywhere, using the latest tools and techniques, to ensure customer through successful delivery.

Brief on the project [Tungi Para Library Management]

With the help of this application we will be able to collect and submit any of the books collected by the author as per our choice.

In this application, users can collect and submit books as per their requirement through membership. And be aware of all the information and data related to the book.

There is no need to maintain the register separately in the application. IT will act as a digital register.

And I have done the RDLC report from the database. This part of the project was my responsibility.

And I have done the report with proper procedure.

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CHAPTER 1: INTRODUCTION

1.1 Background

Internship is an opportunity where students can apply their learning and knowledge to solve real team problems and with the help of senior figures in that organization. It gives students an opportunity to link their education to a competitive environment at the industry level. Also gain skills and experience from organizations that help them gain experience in the industry and build a better future before graduation.

As a student at Daffodil International University, my university offered me this wonderful opportunity to intern in our graduate program, and I got this opportunity. With no previous professional experience, I joined ZAMZAMIT and worked as an apprentice in a project called "Tungipara School Library". This is a web based project. So this is a great opportunity to get practical experience in web development. The duration of this internship will include a stimulating and dynamic opportunity and will help me find the best career of the century.

1.2 Motivation

I did this internship to make my career as a web application developer. I firmly believe that it is one of the most powerful careers. As a web developer, we design and develop different types of web applications for our clients.

And it can help me find new challenges and creative workplaces where I can apply my skills and knowledge. There is also the possibility of specializing in a single branch as a frontend or backend developer.

1.3 Objectives

I have prepared this report for Bachelor of Science in Software Engineering internship program. This report will do little to help potential students in the work environment. By applying the knowledge I have acquired, they can prepare for their future career accordingly. Additionally, the report is designed to reflect my success, project work and professional development during the internship period. Additionally, those interested in learning more about the Tungipara School Library Project may find this report useful.

The report is prepared to meet specific goals. Its goal is to:

1. Introduction of my organization
2. Services of the organization
3. Team description where I work
4. Brief description of my responsibilities
5. My achievements, focusing on non-academic achievements.
6. Know the problems faced in the software industry
7. Know the way how to solve this problem.
8. Know the conventions and coding style
9. Grow with the development cycle and models
10. Working followed by documentation and customization
11. Know about software maintenance.

1.4 Scope

This report is prepared for my educational purpose only and to accomplish the requirement for industrial attachment. Some of the direct and indirect aspects of software industry and their challenges has included in this report. This report reflects my experiences and insights of knowledge that I earned from my workstation. A detail description of “Tungipara School Library” project is discussed so that other students can take their decision whether it is suitable for them or not after knowing about the company.

CHAPTER 2: COMPANY OVERVIEW

2.1 Overview

I joined JAMJAMIT as an intern which is an IT company who serves IT service for the last 4 years. Its services include Software solutions, Web development/design, Graphics design and Hoisting services. They provide their service not only in Bangladesh but also in the world. This company was formed by highly experienced people in project management and software development to ensure quality services with a clear vision. They execute their every project with continuous accountability. They put the client's goals first and develop strategies according to the clients' requirements. ZAMZAMIT always try to earn clients trust and try to build a great relationship with them.

2.2 List of Services

- Business Management System.
- Android/IOS App Development.
- Web Design and Development
- Professional Graphic Design service.
- Advanced UI/UX Design
- Template Design
- Hosting Domain Services.

2.3 Market Situations

The job for web developers is growing rapidly than the other of professions. Demands are going to be driven by the growing popularity of electronics devices. The newly created startup or the old one now tries to build their websites to represents themselves and their work around the world. And many others are trying to build mobile app and web app both to reach their target audience with their services. So, the number of people who wants the web and mobile services to make their business spread is increasing day by day. So, our company provide this quality services and products by maintaining the customer satisfaction.

2.4 Target Audience

Developers are always tried to place new methodology through their creative idea. Every single startup/business wants to made website that meet their expectation and make their services available to their targeted audience. Through the website company/organizations display their services or products and customer order that products or took these services Our companies target audiences are basically new startups, e-commerce sites, management systems, government projects, new online newspapers services etc. and that they also target student who have time to apply their knowledge on those projects for part time or a short period of time. Besides many needs' mobile application for their business and they are also our companies target audience.

2.5 Organization Strength

1. ZAMZAMIT providing software solutions and services to more than 150 clients in the last 4 years.
2. The company has expert engineers and skilled software developers
3. Strong client relationships
4. Strong support team.
5. Smooth internal communications
6. Well planned successful marketing strategies.
7. Provide Professional Training.

2.6 Contact

Company Name: ZAMZAMIT

Website: <http://zamzamit.net/>

Email: info@zamzamit.net

Address: Ground Floor, House: 1, Road: 6, Nikunjo: 2, Khilkhet, Dhaka-1229

CHAPTER 3: COMPANY CULTURE AND CARRYING OUT

3.1 Development Team Overview

In this internship period I have worked with the main development team of Tungipara School Library. There is one project lead who supervised the project and one project coordinator who deal with client about project requirements and any kind of clarification. Other team members follow the instruction of project lead and try to maintain the development rules. Each and every team member are very helpful. They always try to help one another and contribute their work and knowledge to make this project successful.

3.2 Working Environment

The office has a great environment of working. Office provides all the necessary equipment with a beautiful organized desk. Every team member enjoys their work in this environment. It makes them more productive. Overall, it was very comfortable.

3.3 Rules and Regulations

1. Enter office before 9 A.M.
2. Punch your ID card before entering and leaving office.
3. Keep silent in the work room.
4. All communication must establish via working email or skype.
5. Join daily scrum meeting.
6. Always follow task management tools.
7. You must have to clear all the task within deadline and get approval from team lead.
8. Send daily task update mail to lead and coordinator.
9. No personal talk or gossiping or personal phone call in work room.

3.4 Facilities

1. Friday, Saturday, weekend.
2. 2 increments yearly.
3. 2 festival bonuses.
4. Performance Bonus.
5. Overtime payment.
6. Daily lunch.

3.5 Professional Environment

Though I took this internship as a part of my academic course, but there are massive differences between industry environment and classroom environment. This industrial environment is not as simple as I expected. It is tough to adapt professional environment by one day. Professionalism has to be learned from within the professional environment ZAMZAMIT helped me to adapt this professionalism. Also, the environment of my team is also friendly.

3.6 Office Culture

In a word corporate culture of ZAMZAMIT is excellent. They provide daily lunch and have arrangement for refreshment of the employee. Employee can take refreshment break and our company has lots of entertainments elements to cheer up the employee and keep their mind fresh.

3.7 First day at office

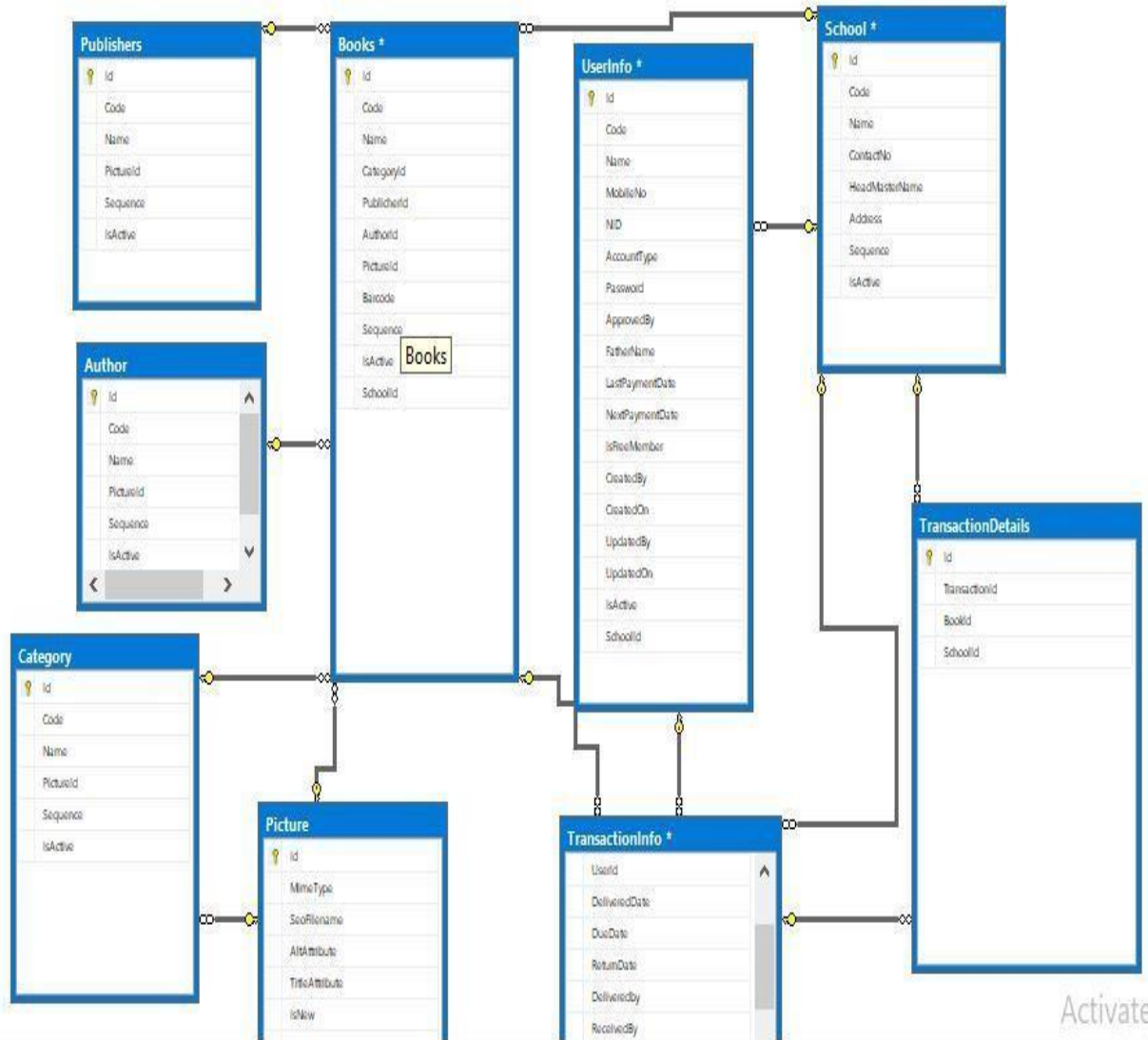
While I found out that my working day will start from tomorrow, I have been excited to think about how the day will go. Then when the day started, everyone came one by one and started sending morning messages in our ZAMZAMIT skype group, inside me a little

bit of

fear started working. Because this is my first entry in this industry. So, I was more afraid of how everyone would accept me. Then since 8 o'clock, I have been sitting in front of the computer wondering when everyone will come and at the same time, my heart rate has been increasing at a rate parallel to my fear. Finally, our team leader, everyone's favorite Shibli brother, and the rest of our teammate came to the meeting, Shibli brother introduced me to everyone there, I was very happy to get such friendly behavior from everyone. Then I realized that I was really lucky to be a member of the ZAMZAMIT family and there is nothing to be worry and fear. After that Shibli brother briefed us about the projects and also said who is working on which project. Another funny thing is that when another teammate (another senior employee of our team) asked me to tell me about myself, I was very confused as to what to say. Because that was the first time, I was talking to everyone and if I can't present myself properly on the first day, a bad impression will be formed. So, I said something about me with tons of fear. Finally, Shibli brother explained our tasks to us and told me about my today's learning and ended the meeting by saying to me to practice my lessons. So, as Shibli brother said, I studied my given lesson on my first day. Even though I knew something before, but I did it a little more sincerely today. Because now is the time to prove and work with the ZAMZAMIT family altogether. So, with that in mind, I did my reading. So overall the day was a very scary day for me at the beginning but after talking to everyone I didn't think about it anymore and I invested the rest of the time in my learning.

CHAPTER 4: SYSTEM DESIGN SPECIFICATION

4.1 ER Diagram



Activate Wind
Go to Settings to a

4.2 Development Tools and Technology

4.2.1 Technologies

1. MSSQL

4.2.2 Tools

2. MSSQL SERVER 2014
3. REPORT BUILDER 3.0 (RDLC)

CHAPTER 5: PROJECT EXERTION

5.1 Training Knowledge

Before starting the project, my team leader shared with me an overview of the project. Then my team hired another team member to explain to me the technical and theoretical aspects of the entire project. Because I need to know what we are going to develop. My lead asks me about my technical strengths and deficiencies based on my project. After hearing everything, he promised to help me meet my needs during this project.

5.2 Technical Findings

I have done the RDLC report from the database. For this report I had to learn the Report Builder software. At the first time I had faced some problems but my team leader helped me a lot for prove me to the right person to do this.

5.3 Challenges

It's always a challenge for me when it comes to new functions because there are times when I don't have to code from the beginning. I want to work on exit code. Then it was difficult for me to keep the existing functionality in effect and implement new functionality or make changes to this part. So I have to study the existing code with a good understanding of the logic applied to it and then I get my hands dirty with coding.

5.4 Completion and Delivery

Because of my less knowledge of this new technology I could not meet the deadline for some tasks and it took extra time to complete those tasks. And after joining me the first.

5.5 School Wise Book List

বঙ্গবন্ধু স্মৃতি সরকারি বা লিকা উচ্চ বিদ্যালয়

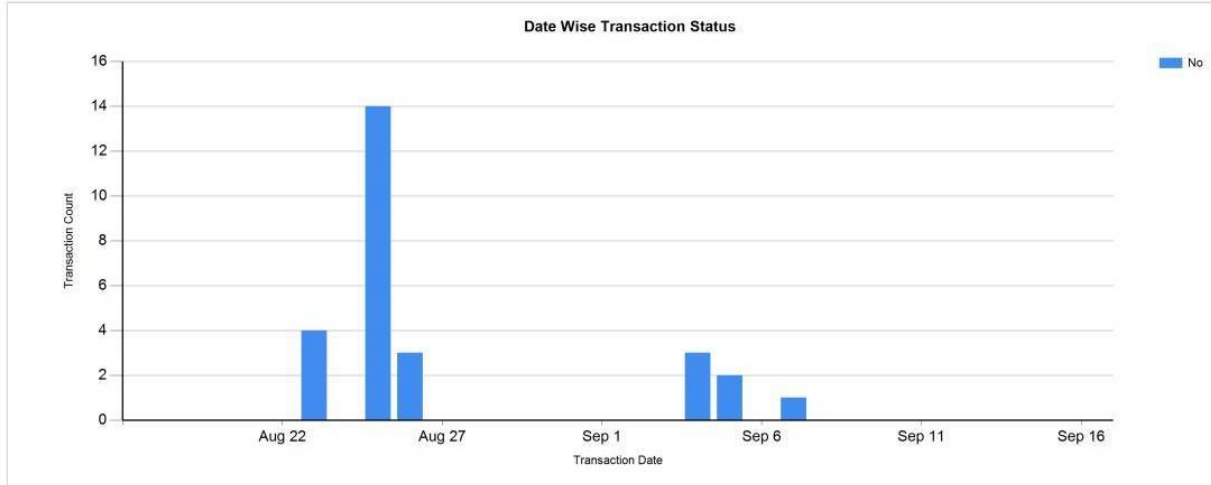
টুংগীপাড়া

Category Name	Author Name	Publisher Name	Book Name
অভিজ্ঞতা	পি.এসসি	জ্ঞান বিতরনী	আমার দেখা ব্যার্থ সেনা অভ্যুত্থান' ৯৬-মেজর জেনারেল(অব.) এম এ মতিন, বীর প্রতীক
	রবীন্দ্রনাথ ঠাকুর	পড়ুয়া	পদ্মা নদীর মাঝি
	সায্যাদ কাদির	মজিদ পাবলিকেশন ঢাকা	নানা রঙের দিন
উপন্যাস	ইমদাদুল হক মিলন	পল্লব পাবলিকেশন	আমার মেয়ের সংসার
	জাহির রায়হান	অনুপম প্রকাশনী	কয়েকটি মৃত্যু
	মোশারফ হোসেন শাজাহান	নওরোজ সাহিত্য সংসদ	আসে নিভুতে
	হুমায়ূন আহমেদ	অনুপম প্রকাশনী	দারুচিনি দ্বীপ
ক্যাটাগরি	লেখক	প্রকাশক	বইয়ের নাম
গণিত, বিজ্ঞান	ড. মুহাম্মাদ কুদরাত-এ-খুদা	পড়ুয়া	বিজ্ঞানের বিচিত্র কাহিনি
ছোট গল্প	আবু কায়সার	অয়ন	খুশির খবর
বাংলা কবিতা	কুদরাত-এ-খুদা উদ্দীন	পলাশ প্রকাশনী	ধানখেত
	নুরুল করিম নাসিম	অয়ন প্রকাশন	বাইরের জানালা
	রবীন্দ্রনাথ ঠাকুর	নবাবগঞ্জ প্রকাশনী	সোনার তরী
		বিশ্বসাহিত্য ভবন	বলাকা
শামসুর রহমান	বিউটি বুক হাউজ	নক্ষত্র বাজাতে বাজাতে	

বাংলা ছড়া	রিজিয়া রহমান	ঐতিহ্য	ঝিলিমিলি তারা
ভ্রমণ কাহিনী	মীনা আজিজ	শিল্পতরু প্রকাশনী	নীল নয়নার দেশে
মুক্তিযুদ্ধ	খোন্দকার ইব্রাহিম খালেদ	মুক্তদেশ	মুক্তিসংগ্রাম ও মহানায়ক
রম্য রচনা	আহসান হাবীব	প্রতীক	ভূত অমনিবাস
রাজনীতি	সিরাজুল হোসেন খান	জ্ঞান বিতরনী	বিশ্ব রাজনীতির রূপরেখা
স্ব-উন্নতি প্রেরণা এবং ধ্যান	ডা. লুৎফর রহমান	চারুলিপি	উচ্চ জীবন

5.6 Transaction Info Day Wise Booklist

বঙ্গবন্ধু স্মৃতি সরকারি বালিকা উচ্চ বিদ্যালয়
টুংগীপাড়া



5.7 School Wise Top 5 Student taken the book

বঙ্গবন্ধু স্মৃতি সরকারি বা লিকা উচ্চ বিদ্যালয়

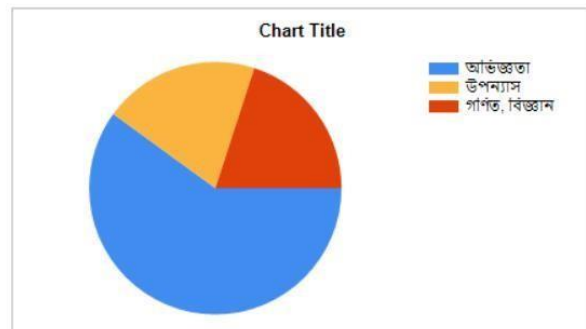
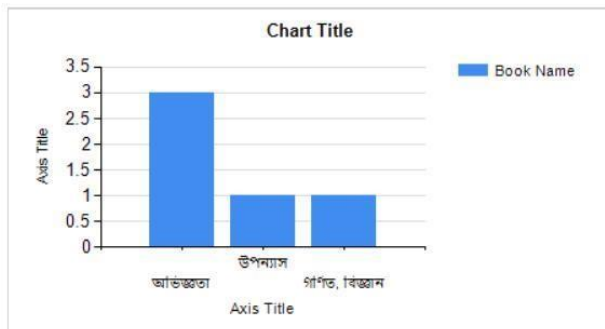
টুংগীপাড়া

Name	Father Name	NID	Book Name
Md. Korim	Md.Rohim	123 3456 7891	আমার দেখা ব্যার্থ সেনা অভুতান' ৯৬-মেজর জেনারেল(অব.) এম এ মতিন, বীর প্রতীক
Mohammad	Mohammad	123 2345 6789	আমার দেখা ব্যার্থ সেনা অভুতান' ৯৬-মেজর জেনারেল(অব.) এম এ মতিন, বীর প্রতীক
Shakil	Hossain	123456789	আমার দেখা ব্যার্থ সেনা অভুতান' ৯৬-মেজর জেনারেল(অব.) এম এ মতিন, বীর প্রতীক
Shiblee	Abdul Latif	333	আমার দেখা ব্যার্থ সেনা অভুতান' ৯৬-মেজর জেনারেল(অব.) এম এ মতিন, বীর প্রতীক
test f	test f	444	আমার দেখা ব্যার্থ সেনা অভুতান' ৯৬-মেজর জেনারেল(অব.) এম এ মতিন, বীর প্রতীক

Developped By: ZamZamIT

16 Sep 2021 4:41 PM

Categories Wise Book



5.8 Project link: Mobile App “Tungipara School library”

CHAPTER 6: EXPERIENCE AND ACHIEVEMENTS

6.1 Technical Enhancement

1. SQL

6.2 Non-Technical Enhancement

- 6.2.1 MS SQL Server
- 6.2.2 RDLC Report Builder 3.0

6.3 Achievements

The biggest achievement of this internship is that the project I have done is really amazing. Because it's going to be really useful and beneficial for researchers. A researcher can do almost anything in a system that has never happened before. Our system cuts down on a researcher's time and organizes everything better so that a researcher has everything at his fingertips. So working as a team on this project is a big success for me.

6.4 Future Scope

I learned a lot during this internship. It's not just technology, there are a lot of soft skills and other skills that will come in handy in the future. The mistakes I make at the moment and the lessons I learn from them are priceless. Now I know how to handle extreme situations when faced with a problem. How to deal with customer How to meet deadline and much more. These experiences will help me a lot in the near future.

6.5 Limitations

Before joining the company, I signed the company's contract and confidentiality agreement. This agreement states that I may not disclose internal or sensitive information about the Company and projects to others without proper authorization. Therefore, in order to maintain company rules and confidentiality, I avoid too many details about my project and my business.

CHAPTER 7: CONCLUSIONS AND RECOMMENDATION

7.1 Conclusions

To conclude, the overall journey of my internship at ZAMZAMIT was so amazing. I enjoyed this journey from the first day of my internship. The experiences and learnings I have earned from this internship program with this company was really important for me and my future career. This internship program assisted me a lot to realize further for the coming future of mine. During the program, I have remarked the overall activity of an Industrial project and environment and I have obtained plenty of understanding about those. I have a great opportunity to relate my theoretical knowledge with real life system.

7.2 Recommendation

Before joining ZAMZAMIT, I had no idea what I was going to learn from it. But I am well aware of what I have achieved and learned. In the field, I got tremendous support from my senior and junior colleagues, which is unforgettable. To this end, I would like to express my heartfelt gratitude to my colleagues for their support and advice and their time. Thanks also to our CEO sir for taking this opportunity to be part of the ZAMZAMIT family.

CHAPTER 8: PLAGIARISM REPORT AND CLEARANCE

8.1 Plagiarism Report

10/14/21, 2:19 PM

Turnitin

Turnitin Originality Report

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http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/5682/171-35-1826%20%2824_%29.pdf?isAllowed=y&sequence=1

1% match (student papers from 28-Jan-2021)

[Submitted to Deptford Township High School on 2021-01-28](#)

1% match (Internet from 28-Sep-2021)

<https://www.coursehero.com/file/104583404/Presentation1pptx/>

1% match (Internet from 30-May-2016)

<http://www.lccit.org.bd/2014/2014/03/07/>

< 1% match (Internet from 07-Apr-2021)

http://dspace.daffodilvarsity.edu.bd:8080/bitstream/handle/123456789/5135/162-15-7815%20%2828_%29.pdf?isAllowed=y&sequence=1

< 1% match (Internet from 12-Apr-2021)

<https://www.pureenergypolicy.org/wp-content/uploads/2015/06/LB-11GS-15-Executive-Summary.pdf>

8.2 Clearance Proof

