WEB BASED GARMENT MANAGEMENT SYSTEM

FOR 'MOHONA FASHION'

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering

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DAFFODIL INTERNATIONAL UNIVERSITY

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APPROVAL

This Project titled **"Web Based Garment Management System For Mohona Fashion"**, submitted by Khondker Fahim Faishal, Mahir Shahriar Alam, ID No: 152-15-6067, 152-15-5619 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 07/09/2020.

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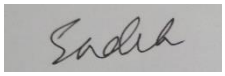

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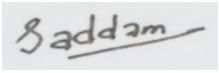

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DECLARATION

We hereby declare that this project has been done by us under the supervision of **Md. Fokhray Hossain**, **Professor, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for the award of any degree or diploma.

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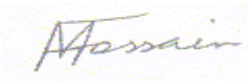

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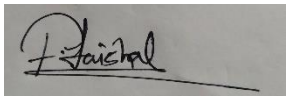

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Finally, we must acknowledge with due respect the constant support and patients of our parents.

ABSTRACT

The global marketplace for rag trade is very competitive these days. Internal control within the production method of the rag trade has been a key issue for holding existence in such a competitive market. Net based garment management systems are terribly helpful during this respect as a result of the manual examination is long and not correct enough. Hence, a management system made this method quicker and correct. Our purpose of this system is to modify the existing manual system by the help of computerized system and full-fledged pc software system, by fulfilling their needs, so their valuable data is often hold on for an extended amount with accessing and manipulation of a similar. The needs of software system and hardware are simply offered to figure with management system which will make error free, secured, reliable and quick process. It will help the user to consider different works rather to consider the record, so it'll facilitate organization in higher use of resources. The company will maintain all records which means that one needn't be diverted by data that's not helpful, having the ability to collect the data.

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CHAPTER 1

INTRODUCTION

1.1 Background of Project

Garments Industries in our country is facing the challenge of export of their product in the world market. The market has become terribly competitive and it's terribly onerous for the poor countries to survive within the quota free market. Economical management and correct business ways can produce quality production in bottom time and prices. cybernation may be a tool to attain this goal that permits the simplest use of the data to form future plans. Our connotation is to help the clothes industries of our country by making correct use of technology. As a reference subject we tend to visited a clothes manufactory named Mohona Fashion, however we tend to found that this company is not employing a correct cybernation system for production and inventory management system. Most of the works are measures in pen and paper. This can be retardation down the operations and errors. Most of the time, they're losing the previous information. this state of affairs is very poor, just in case of computerizations. As a result, they're facing countless difficulties such as-

i) It needs enough time to take care of balance.

ii) Needs vast workforce

iii) Chance of raw materials losses is higher.

iv) Stock question quickly isn't doable.

v) Coverage timely to department becomes impossible

vi) These are the reasons or background of implementing the project.

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1.2 Aim of Project

Management of any huge business is one, wherever automation may need vital impact in total performance. And garment business that is the largest business in Asian country, has way more value during this reason. That the basic goal is to develop a machine-controlled management system for any garments manufactory.

The goal of our project is to create the whole system economical and user friendly to the merchandise manager and administrator. The objectives specializing in our try area unit principally concerned:

• To extend the pliability of the administrator, agents and consumers.

• Creating the system quicker than the current system.

• To eliminate the paper work of the agent.

• To facilitate the Administrator in order that he will simply access product data from anyplace.

• To cut back quality of the assembly section.

• To cut back physical labor of the personnel at Mohona Fashion.

• To cut back maintenance employees of Mohona Fashion.

1.3 Existing System / Requirement Analysis

In the existing system, the user should search manually. The manual looking consumes ton of your time and toil. And conjointly they will search solely restricted areas. And conjointly they will get the limited product data and also the data might not be true. Many of us don't realize the present trend company data and their product. Therefore we want a replacement system for user convenient.

1.3.1 Drawbacks of the present System:

• The client needs to go every and each place to gather data, means that there's no guarantee that they will get all reasonably information

• The client takes ton of time to urge all data

• They ought to place toil

• Lots of manual work ought to be enforced

1.4 Research Methodology

Garments Industries in our country is facing the challenge of commerce of their product within the world market. The market has become terribly competitive and it's terribly laborious for the poor countries to survive within the quota free market place. Economical management and correct business ways will manufacture quality production in nominal time and prices. Automation may be a tool to attain this goal that permits the simplest use of the knowledge to create future plans. Our import was to assist the clothes industries of our country by exploitation correct use of technology. As a computer science & engineering student, we tend to visit a clothes manufactory named MOHONA FASHION, however we tend to found that it's not employing a correct automation system for production and inventory management system. Most of the works are dispensed in

pen and paper. This can be swiftness down the operations and errors area unit created ofttimes. Most of the time, they're losing the previous knowledge. The present state of affairs is extremely poor within the cluster just in case of computerizations. Here we tend to used PHP/MYSQL for the backend and conjointly used HTML/CSS and some different scripting languages for coming up with the forepart.

1.5 Proposed System

In the projected system, the client gets all the kind of data concerning buying of clothes. Within the proposed system the user merely choose the merchandise and find the total information concerning product. And conjointly get the knowledge concerning the merchandise stock, payment and booking of raw materials through the pc.

1.5.1 Benefits of Proposed System:

• It is user friendly

• Speed and effective data retrieval

• Reducing the toil

• Saves ton of your time

• Global access

• Get quality product

In the projected system, since all activities are computerized, it takes lee time for process the knowledge system and world access is that the main options of the projected system.

1.6 Conclusion (Outcome of Chapter 1):

In this chapter, we tend to represent concerning the introduction, motivation, the aim or goals of this project. We tend to conjointly represent concerning the present state of affairs of Mohona Fashion then tried to seek out the manual issues and talked concerning a way to convert that into automation or web-based management system. We tend to conjointly wrote concerning the analysis methodology and also the projected system, currently it's time to implement the project – therefore these are the ultimate outcomes of the chapter.

CHAPTER 2

EXISTING SYSTEM & REQUIREMENT ANALYSIS

2.1 INTRODUCTION

To gain some perspective on the management field and its main challenges, a literature survey is performed between the existing system and the proposed system. This process can be effective. Moreover, detecting the differences have become a new industrial utilization of computing technologies.

The previous manual system was tormented by a series of drawbacks. Since whole of the system was to be maintained with hands the method of keeping, maintaining and retrieving the data was terribly tedious and prolonged. The records were ne'er wont to be during a systematic order, there are several difficulties in associating any explicit dealings with a selected context. There would continually be redundant consumption of your time whereas coming into records and retrieving records.

The reason behind it's that there's heap of knowledge to be maintained and ought to be unbroken in mind whereas running the business. For this reason, we've provided options to form the entire system internet primarily based or computerised.

In this section the task is to search out what's required for the new system. it had been thought rigorously concerning what the system do, not however it ought to do this stuff. the subsequent tasks I performed during this section.

a) Define demands: The initial task within the requirement analysis section is to spot needs. There are 2 forms of needs

b) Analyze practical needs: There are 2 approaches to practical requirements documentation and validation. System modeling and Prototyping. i exploit prototyping

approach. At first, I build a image model and provides this model to the user. the most purpose of giving image is to confirm that desires of the users understood by American state.

2.2 Description

Building an automatic clothes management system involves a piece of meticulous designing and structuring. It will typically be troublesome if one doesn't follow a well-structured methodology approach. Once associate evolution of the suitableness of the foremost usually used life cycle methodology; falls, RAD, prototyping, progressive and spiral; Prototyping Model was chosen. By combining the higher options of the opposite 2 approaches the Prototyping model is especially appropriate for addressing the requirements of on-line clothes Inventory Management System. The Prototyping model that is employed, is shown in Fig. 2.

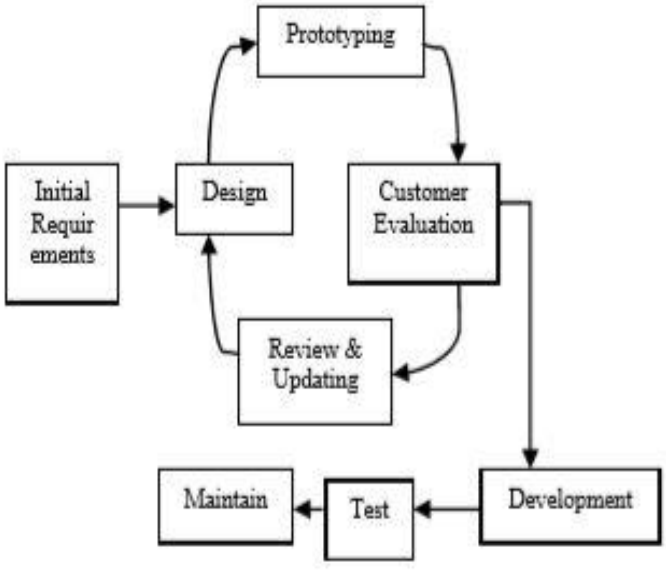


Fig 2: Prototyping Model

The present structure provides a transparent construct of what must be done and specifically what sorts of info must be received. The projected system must be real time on-line system so the administrator will get all the knowledge of the clothes whenever he/she needs to envision. The administrator can even add, update, search and delete clothes info.

2.3 Conclusion (Outcome of Chapter 2)

The goal of the project is to totally process the system. The result splits into 2 options:

i) Practical outcome

ii) Mechanical outcome

2.3.1 Practical outcome:

i) To maximizing the utilization of the whole system.

ii) Offering data additionally.

iii) To avoid man committed errors and misclassification.

iv) To supply higher services for this system.

v) To build the method error free and quick.

vi) Make sure of the duplication of the varied system.

vii) To make up a multi user system.

2.3.2 Mechanical Outcomes:

i) To design the project in order that it may be modified in future and also creating an extension of the system.

ii) To build the system rectifiable in order that the employee and users will handle the system satisfactorily with convenience.

iii) To schedule the project in order that the administration will offer the price easily and for the event of the system mustn't take too long unnecessarily.

iv) To design the system well and expeditiously in order that it will become a perfect system for the aim of use and study.

v) To design the system such in future it may be used as a main.

vi) To build the system with security thought.

vii) To make sure the hardware or software package failure, action may be taken. Therefore, necessary software backup need to be taken.

viii) To create the planning straight-forward since the online based mostly processed multi system is being thought of for the primary time and therefore terribly useful for undisciplined users and operations of the system.

CHAPTER 3

System Analysis & Design

3.1 Introduction

A system is needed to pick the most effective system that meets performance and economic needs. This entails associate in identification description an announcement of constraints, the identification of specific system objectives and an outline of outputs outline a system's needed performance. The analyst is then able to assess the feasibleness of candidate system to supply these outputs.

At first "Mohona Fashion" was visited to see their system. it had been found that the system represents the vital path system along. For representing this technique they use manual system. All the connected person of this company ne'er is aware of regarding web site or not throughout a brief time. they have Brobdingnagian time to trying the actual components or merchandise or product and typically they could failure.

The system study covers the entire life cycle of the processed Management System from the initial getting ready to the highest of the system's useful life. several interview sessions with the choice maker (MD), head (GM), Production Manager (PM), Store Officer of the "Mohona Fashion" occurred to identify but which wants live needed for the planned system.

3.2 Description

Since the work was initiated as project work thanks to paucity of your time rather than centering on complete ERP system it was determined to require up the system development for Production Management. This method includes 3 subsystems like:

(i) Development,
(ii) Production,
(iii) Quality Management. for correct understanding

And easy analyzing the system, the system analysis is carried out mistreatment information Flow Diagram‟s (DFD) that is explained within the following section. A DFD additionally called a “bubble chart,” has the aim of instructive system requirements and characteristic major transformations that may become programs in system style. Thanks to the area

Constraint the DFD‟s couldn't be announced here because it may be a descriptive approach.

All the diagrams are shown below:

3.2.1

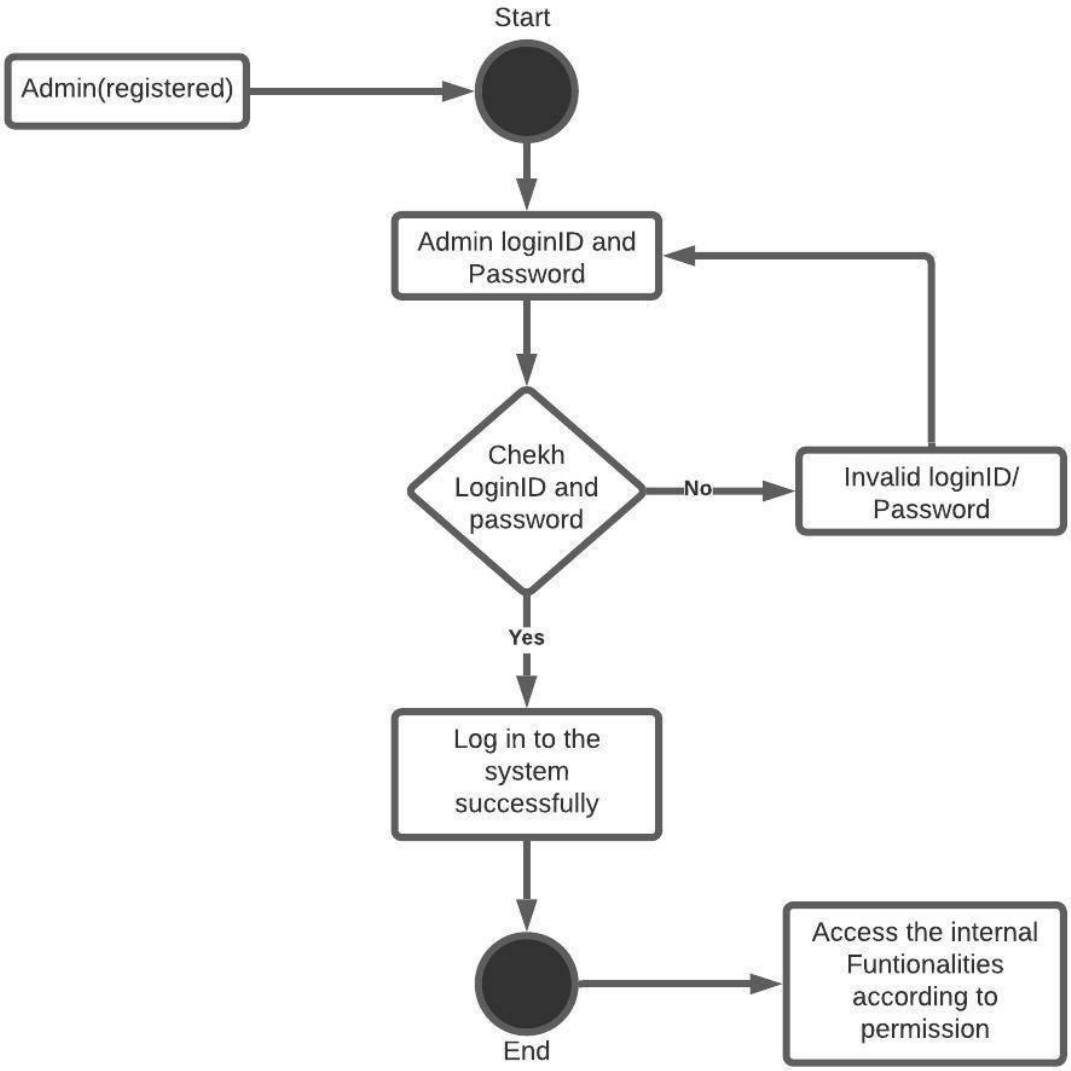


Fig: Login Activity Diagram

3.2.2

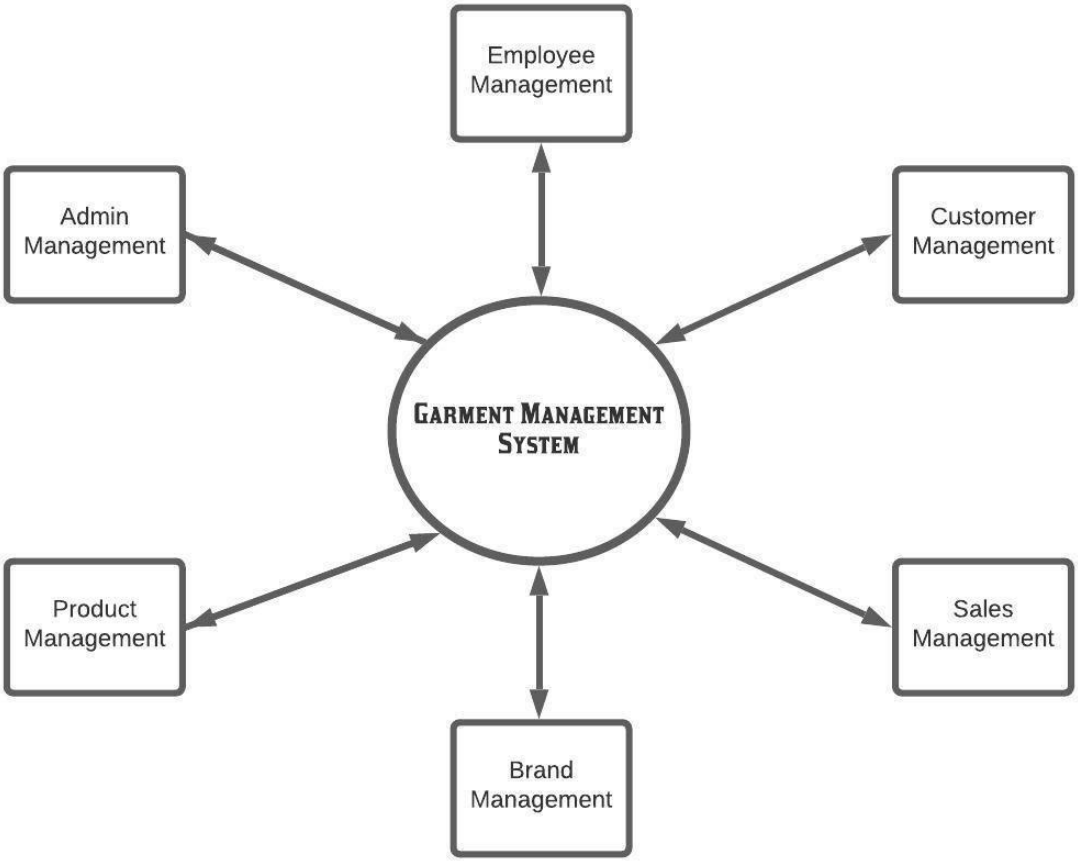


Fig: Data Flow Diagram

This is the data flow diagram or the elements of the whole management system, we have drawn it as all the branches, which are included in the website.

3.2.3

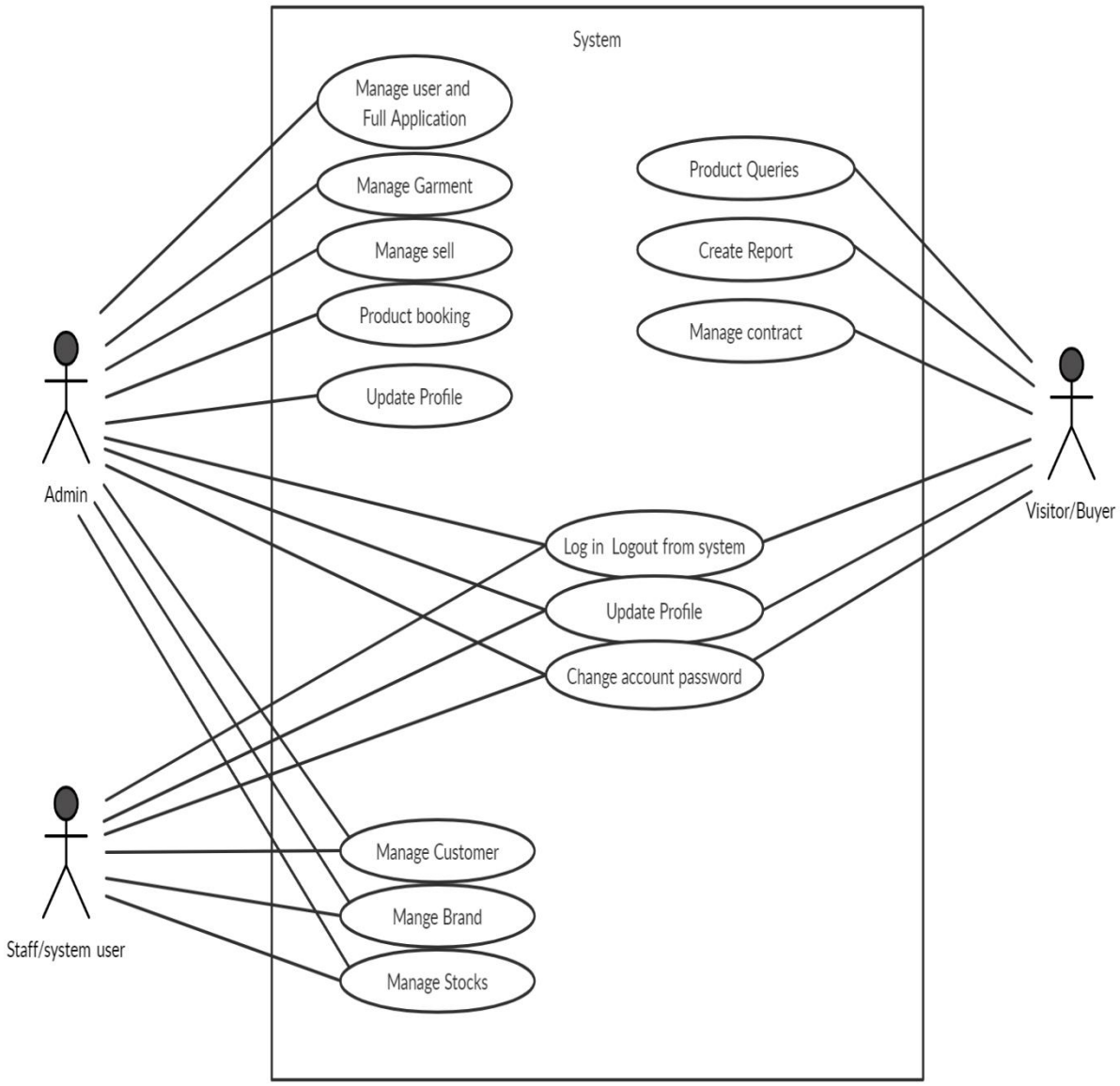


Fig: Use Case Diagram

3.3 Conclusion (Outcome of chapter 3):

In this part, a system of rules is made that fulfills the given necessities. style part of website development deals with remodeling the client's necessities into a operating system. Basically, design is performed within the following 2 steps:

i) Basic Design Phase
ii) Secondary Design Phase

3.3.1 Basic Design Phase:

In this part, the structure is meant within the block and therefore the block levels are created on the premise of identification section which is totally different, where blocks are created for various functions, are placed on minimize the data flow between those blocks. So, all activities that need a lot of interaction are not broken in one piece of block.

3.3.2 Secondary Design Phase:

In the section, the elaborate design of each block is remained.

3.3.3 The Normal Tasks:

1. Create blocks for whole system method.

2. Creating smaller, compact and viable modules in every block.

3. Making varied information structures.

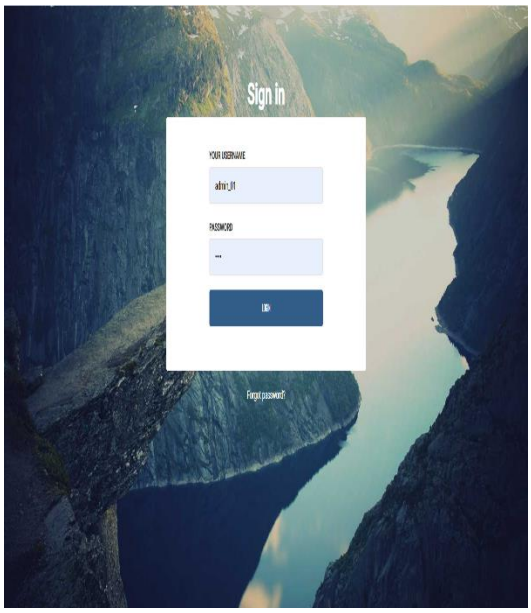
4. Identify details of codes to attain practicality.

5. Create the sorts of input and output.

6. Playing documentation of planning.

3.3.4 UI (User Interface) Design:

UI design remains with the dialogue between a user and with the computer. It's involved with everything from starting of the system or work into the system to the eventually desired inputs and outputs. As the flow of screens and messages are named a ‘dialogue’.



This is an user interface design of the website, here the admin can login through his id/password and after that, he will see a dashboard, which is consisting of some other elements, related to this website.

Chapter 4

SYSTEM DEVELOPMENT

4.1 Introduction

The system that is followed nowadays, could be a manual system. Necessary downside of existing system is time issue. It'll not facilitate the management to resolve the matter in no time. The goal of the project is to cut back manual works, increase the process speed and guarantee responsibility of knowledge. All method required for the textile management is recorded for providing sensible info to the priority. For implementing the project, we had to research a lot.

4.2 Description

System development deals with the interaction between the user and the applications as well as the readymade data for user requirements. Three types of forms are used here:

We develop our system implemented in two section:

a) Database service implementation

   - Back End

   - PHP MySQL

b) User service implementation

   -Front End

   -PHP, HTML, JAVASCRIPT, CSS.

4.2.1 Context Flow Diagram -01

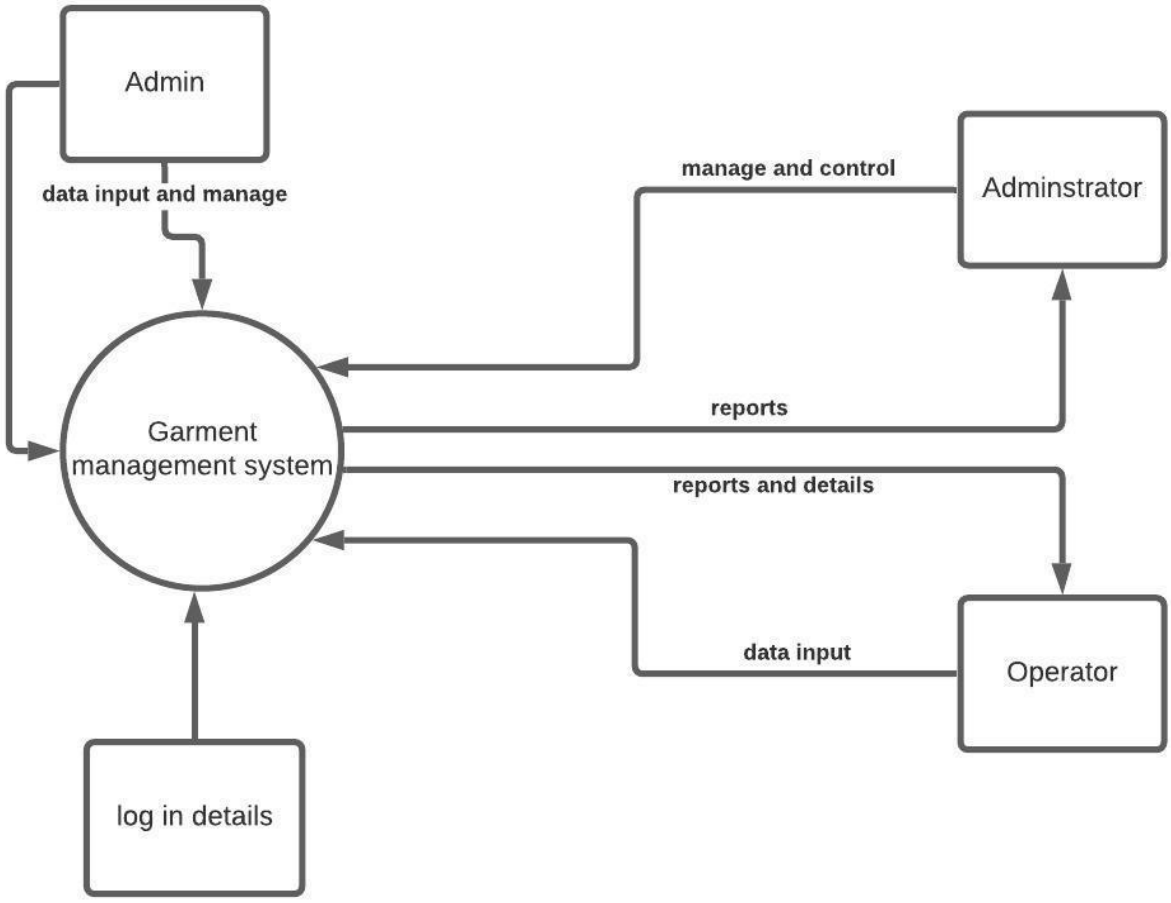


Fig: Context Flow Diagram -01

4.2.2 Context Flow Diagram -02

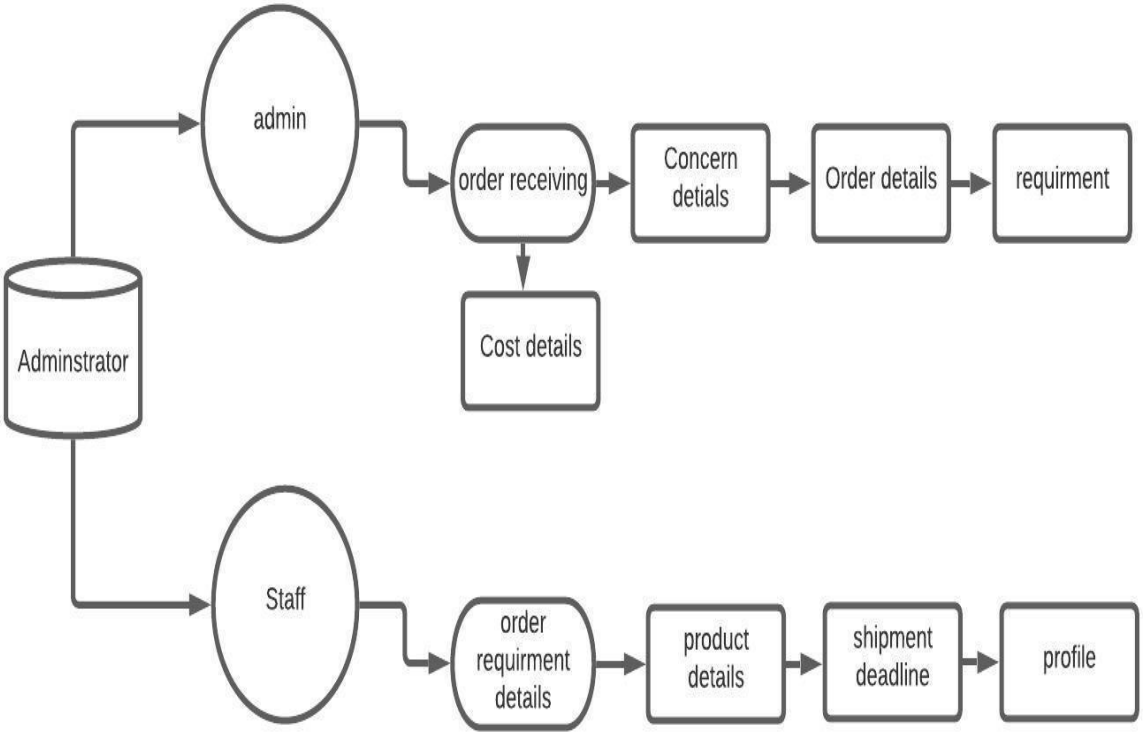


Fig: Context Flow Diagram -02

From these two diagrams, we can get an idea of developing the whole system or about the website, in short.

4.2.3 Class Diagram

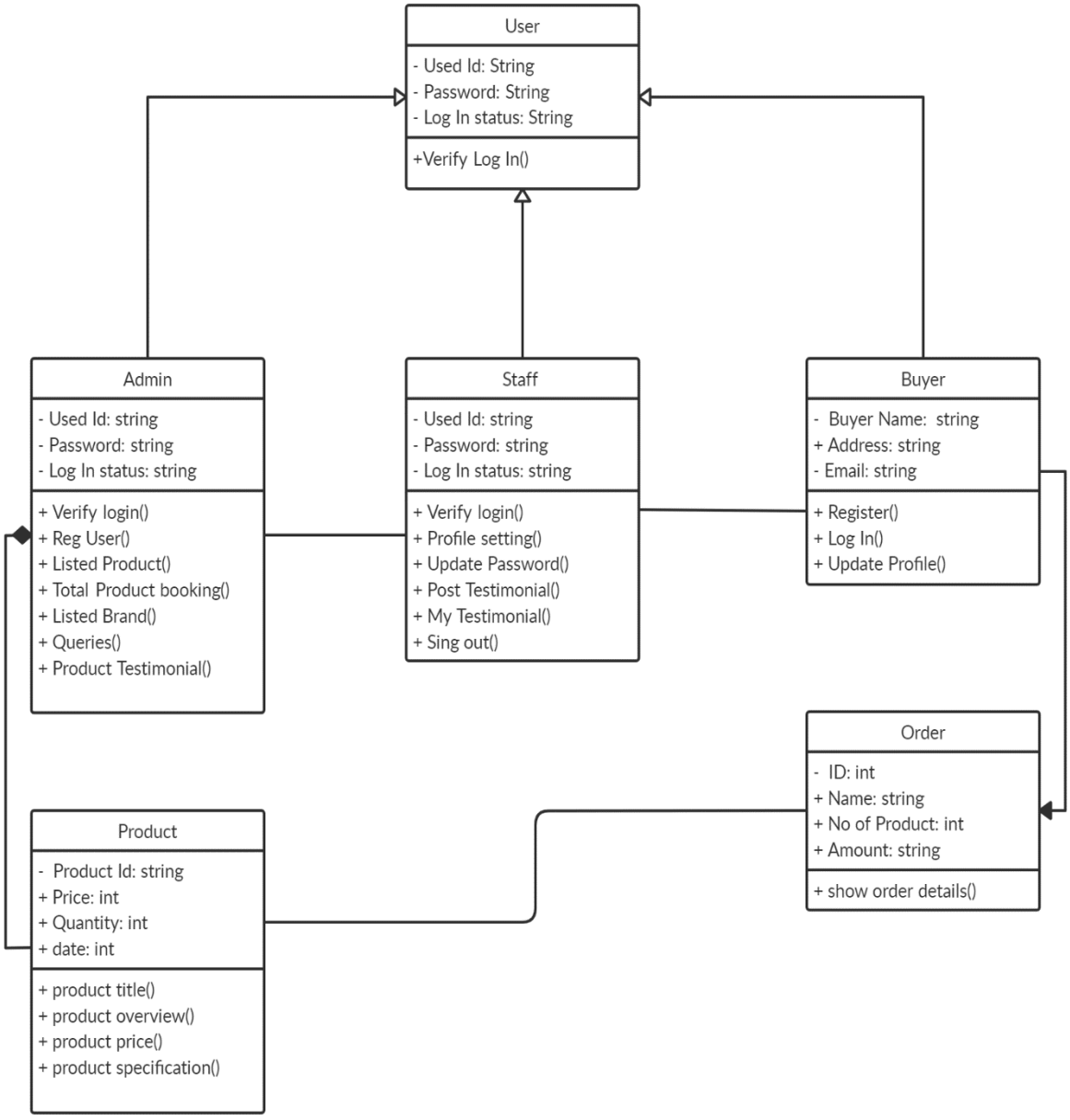


Fig: Class Diagram

4.3 Conclusion (Outcome of Chapter 4)

We developed the total system by HTML, CSS, JQUERY before finish and PHP Server and a few alternative aspect languages in backend. The total system is shown through the context multidimensional language or through the context diagrams.

Chapter-5

'Implementation & Testing'

5.1 Introduction:

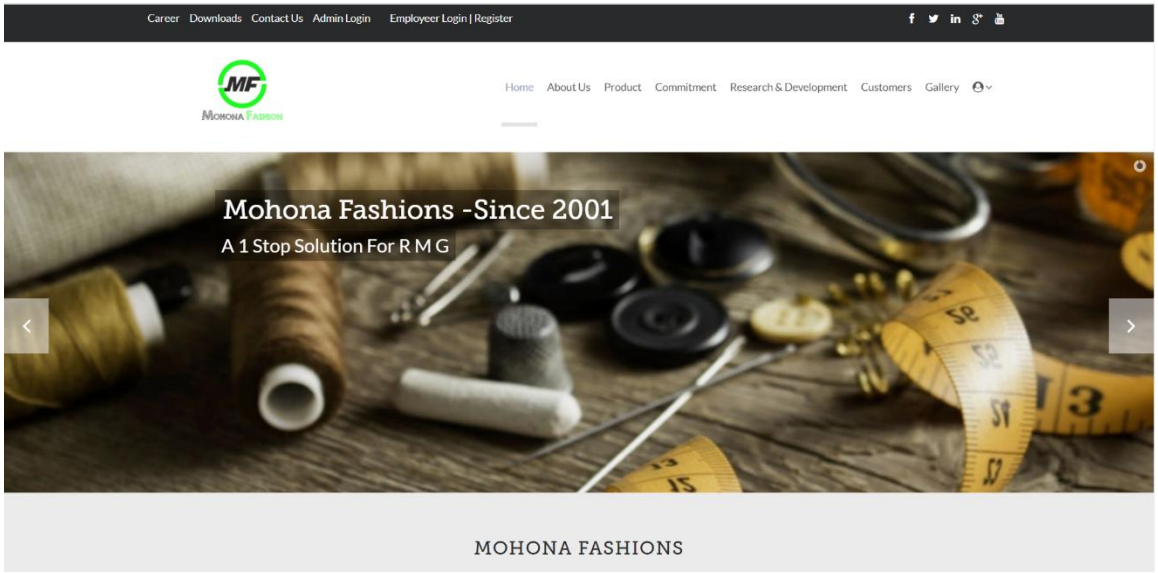
After developing this system, we have a tendency to get an internet site to be shown. All we are able to decision it as our project implementation, at that time we have a tendency to check all the weather there, for testing functions.

The Product Development info keeps track of the workers, customer, manufacturer, garment detail, sample product and final product. The merchandise development provides description of the elements of info delineated in keeping with the wants we have a tendency to establish six entity varieties one comparable to one another. The merchandise is developed supported client demand, the client contains a distinctive name, a novel code, and details concerning them because the attributes.

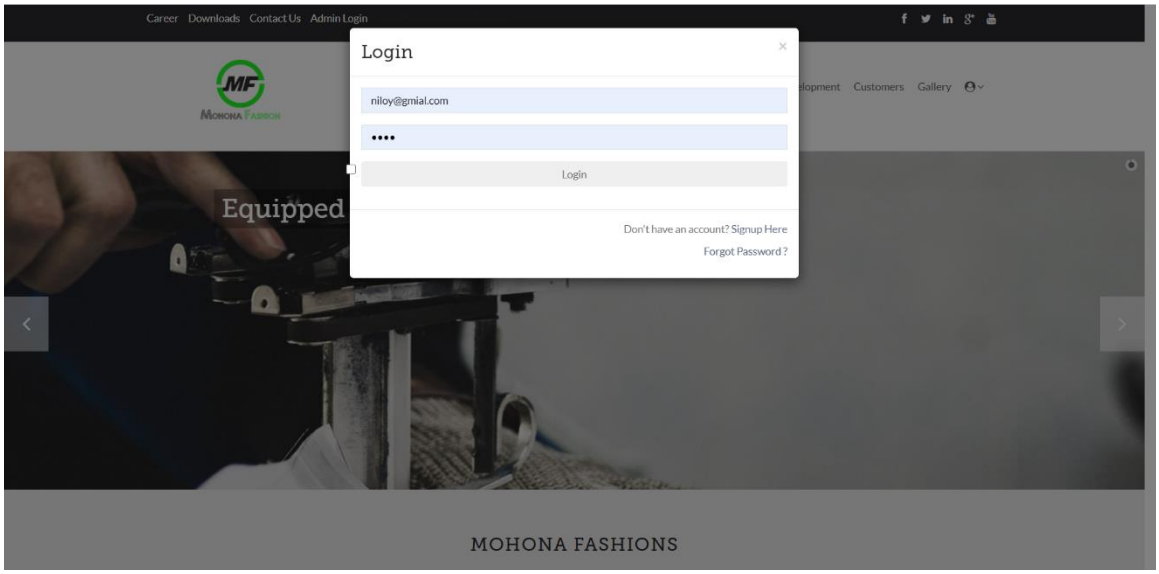
It keeps track of the main points of the client thus on grasp whether or not the client had any previous dealings with the firm or not and also the order placed by him is transacted. The manufacturer conjointly contains a distinctive name, a novel code, and details concerning the firm. The code is vital attribute here for client and manufacturer

5.2 Description

Here is a screenshot of our management system website:



Homepage of the Website



Login Format of Employee

5.3 Conclusion (Outcome of chapter 5)

A management system should be established and regularly improved. It should be aligned with the aims of the organization and also should contribute to their accomplishment. The aim of the management system should be enhanced by:

— Transportation along with a very helpful manner and all the necessities for managing the company.

— To describing the planned and systematic actions to produce confidence that every needs are fulfilled.

— Guaranteeing health, nature, security, quality and economic needs aren't about severally from safety needs, to help including their negative impact on safety.

— Safety shall be dominant inside the management system, preponderant all alternative demands.

Chapter-6

Critical Appraisal (SWOT Analysis)

6.1 Introduction:

SWOT (pronounced “Swat”) Analysis is changing into a lot of common issues in business nowadays. Historically, analysis is related to the key factors of a business. Morever, the business tool can even analyze the effectiveness of any website and it also can produce a wonderful web site design strategy.

6.1.1 What is SWOT Analysis?

A SWOT analysis can be a weapon that appears a bit of a business, or the corporate to put positive and negative characteristics within the atmosphere. For our functions nowadays, we have a plan to mistreatment the weapon to investigate our website. We are able to develop the strengths and weaknesses inside our website (within the internal environment) and therefore the opportunities as well as threats our website faces (outside of the external environment).

6.2 Description

The SWOT analysis is a very great tool for understanding and decision-making for all varieties of things in business and organizations. SWOT is associate degree signifier for Strengths, Weaknesses, Opportunities, and Threats. Data regarding the origins and inventors of SWOT analysis is below. The SWOT analysis headings offer an honest framework for reviewing strategy, position and direction of an organization or business proposition, or the other plan.

Completing a SWOT analysis is extremely straightforward, and could be a smart subject for workshop sessions. SWOT analysis additionally works well in group action conferences. A SWOT analysis measures a business unit, a proposition or idea; a tormenter analysis measures a market.

6.2.1 Strength:

We created this project as our strength and conjointly for the world strength. Through this website, we are able to build an excellent relationship among the consumers and therefore the sellers, there will be conjointly some strengths:

• Customer-centric style

• Useful as well as relevant contents

• Good navigation and search

• Fast and straightforward check in/check out system

• Responsive design with full mobile support

6.2.2 Weakness:

Weaknesses are merely characteristics of an internet site that place America at a drawback or that may forestall America from reaching our business objectives. Our garment management system has conjointly some weaknesses:

• Security threats

• Lack of flexibility

• Limited scope instead of manual system

• Unemployment drawback for the manual/ recent employees

6.2.3 Opportunity:

There are some external opportunities that may be foretold, like increasing this technique globally. There are some regular samples of this website's opportunities:

• Great technologies to enhance expertise.

• New and unboxed markets.

• New niche and market structures.

• New trends to convey message.

• More useful selling ways.

• No negative changes in garment sectors.

6.2.4 Threat:

• Competitor can repeat option or idea.

• Emergencies of new competitor.

• Converting client wants.

• SPAM & uninvited advertising.

• Upgraded browser.

6.3 Conclusion (Outcome of Chapter-6)

Now we have got some characteristics for every of the four segments, which may lead a higher performance of the website at starting of the marketplace. This analysis provide an brief idea of what kind of characteristic and factor measures this website. This time, we will begin reducing the impact of the negative effects and capitalize on our strength and opportunity.

This SWOT Associate example relies on an unreal scenario. The situation relies on a business-to-business producing company, WHO traditionally deem distributors to require their merchandise to the tip user market. the chance, and so the topic for the SWOT analysis, is for the manufacturer to form a brand and new company of its own to distribute its merchandise direct to sure end-user sectors, that aren't being lined or developed by its traditional distributors.

Chapter- 7

‘Conclusion’

7.1 Conclusion

Science has brought the globe at our door. Internet has created our life easier. With the event of civilization, our life has become comfy and luxuries. Nowadays each individuals all round the world wish to do one thing in an organized method. This want is met by the addition of info technologies that retain key info and permit for a straightforward thanks to manipulate that info. If anybody desires to keep up his/ her system by a organize method, internet info will serve for this purpose. Our “Garment Management System” provides the ability to keep up all of the sections of clothes production and keep track of all the merchandise info.

Our system is quicker than the current system. In manual system, it's tough to induce the information during a type time. Our system uses correct management of engineering. As a result, this method reduces the time quality and physical labor of the users. Differing kinds of users use this method and acquire the take pleasure in it. Administrator will access his needed info at intervals a second by victimization this method. Admin will take his call quickly and simply and this affects the performance. Clients will place order quickly.

There is little question that on-line application is most well-liked and necessary for all. Now a days, we rely on the internet for everything like job looking out, advertising, shopping for merchandise etc.

Our projected system is additionally on-line based mostly. Within the projected system maintained full production sector. We expect in some unspecified time in the future this “Online Management System” are an entire answer for the directors. Initially we have a tendency to collect the relevant knowledge from Mohona Fashion, then we have a plan to

create papers, discovered the system and ready info. Finally, we have a great initiative to started the implementation section and complete the project.

Mainly 3 varieties of user will access this code. Each user should be registered initial of all. Admin will access the total system and might generate the assembly report that shows the entire and running production info.

All of the users are benefited by the system. The administrator can get the utmost take pleasure in it. He will take any call simply and quickly. Higher management and security ensure knowledge, scale back workforce, eliminate paper work and increase the potency of the daily work.

7.2 Further Suggested Work

We have enforced the total project as per the wants of Mohona Fashion, we have a tendency to work here freely however not wide, we have a plan to even have some incomplete future set up for this project, like changing this project into an android application. Now a days, individuals feel easier with their mobile phones, instead of browsing on portable computer or laptop.

So that, if we can build a mechanical app, then it might be easier for us, as well as for Mohona Fashion and for the clients as well.

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Appendices

Here we have attached some screenshots of our website as extra elements, in this appendices section. This section is divided into 2 parts, the screenshots are given below.

Appendix 1

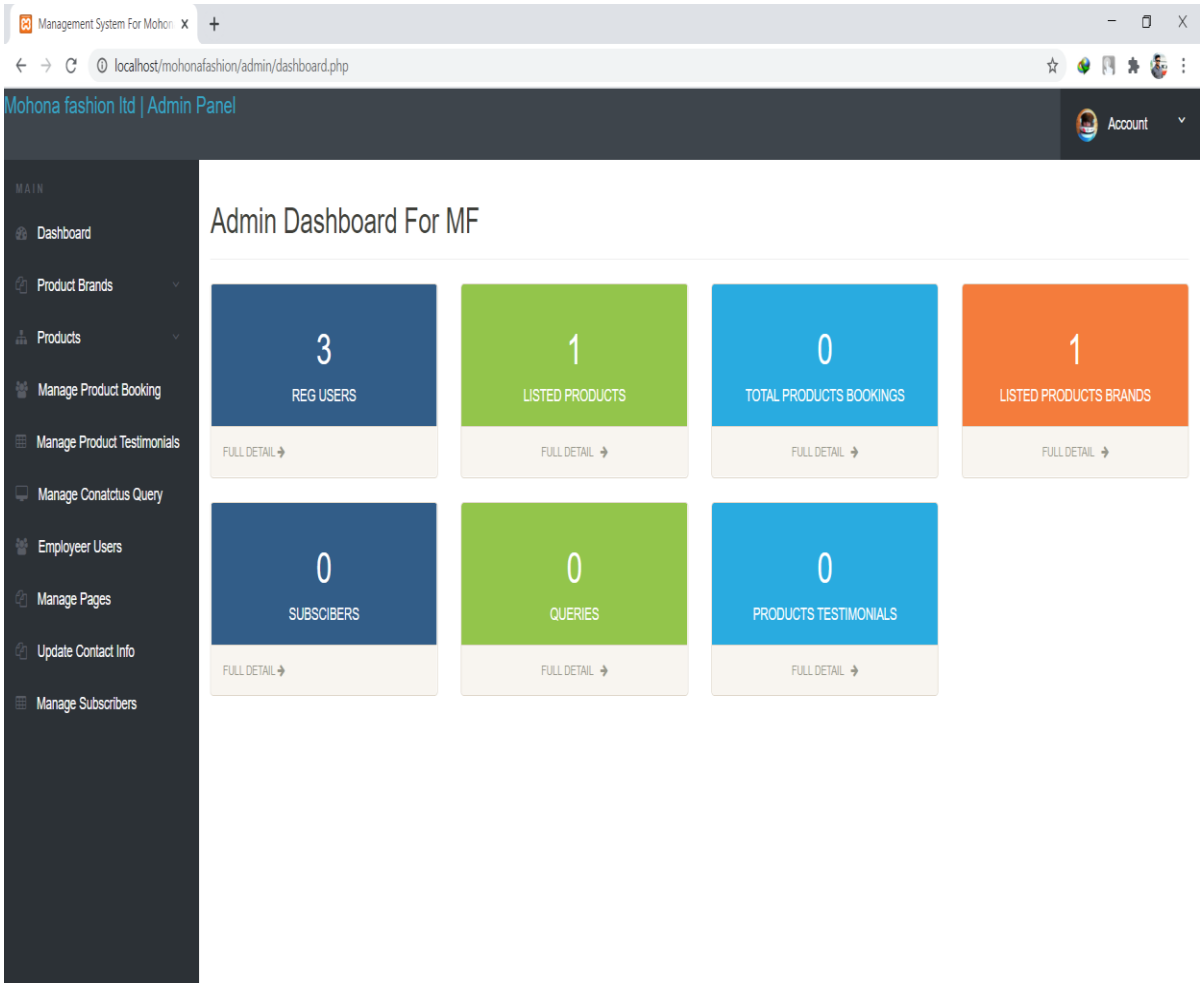

Fig: Final Admin Dashboard

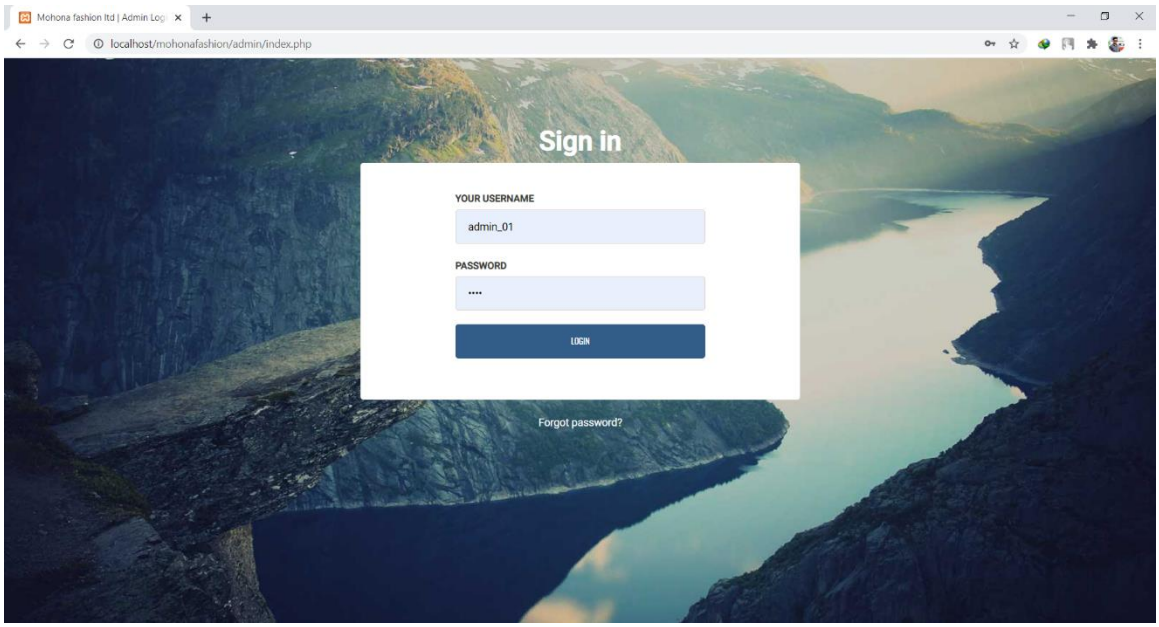

Fig: Admin Login

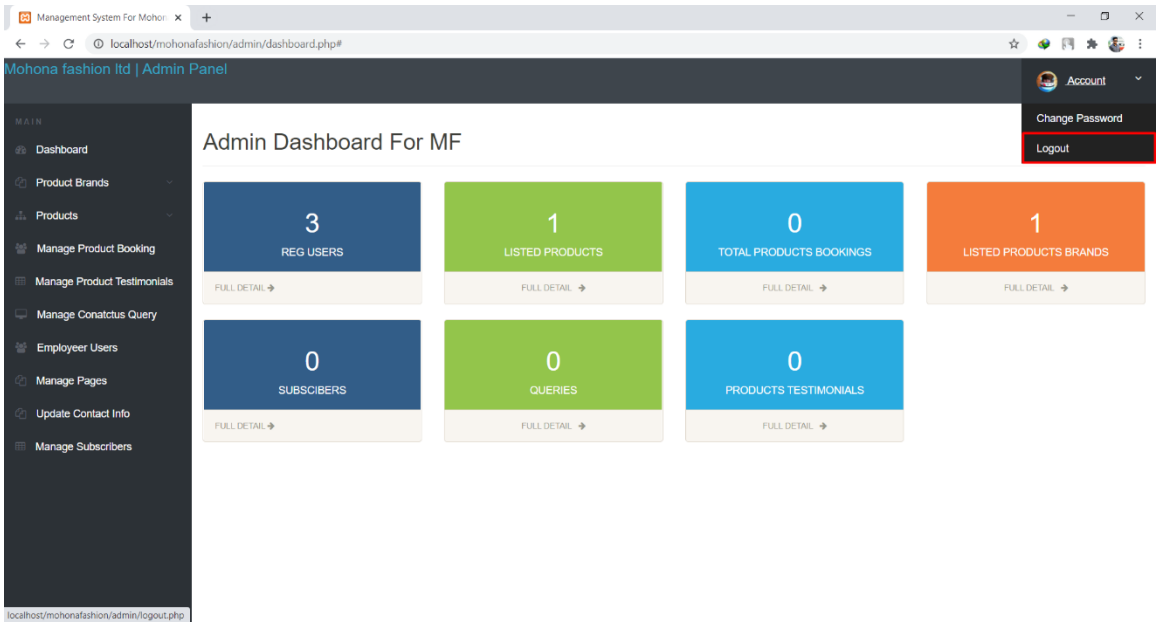

Fig: Admin Logout

Appendix 2

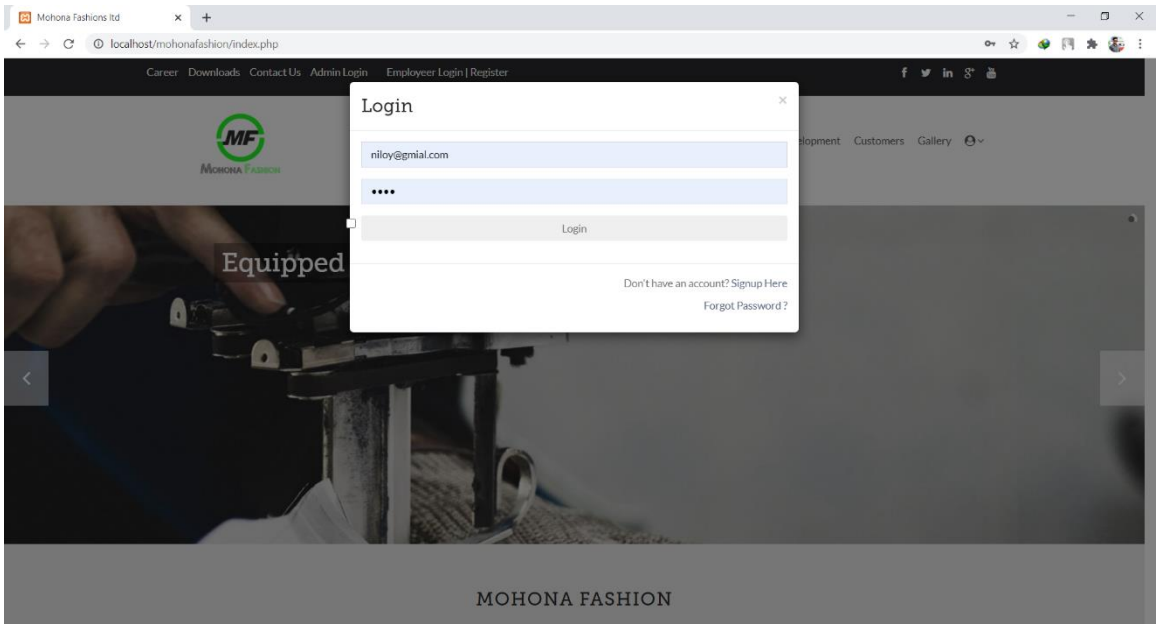

Fig: Employee Login

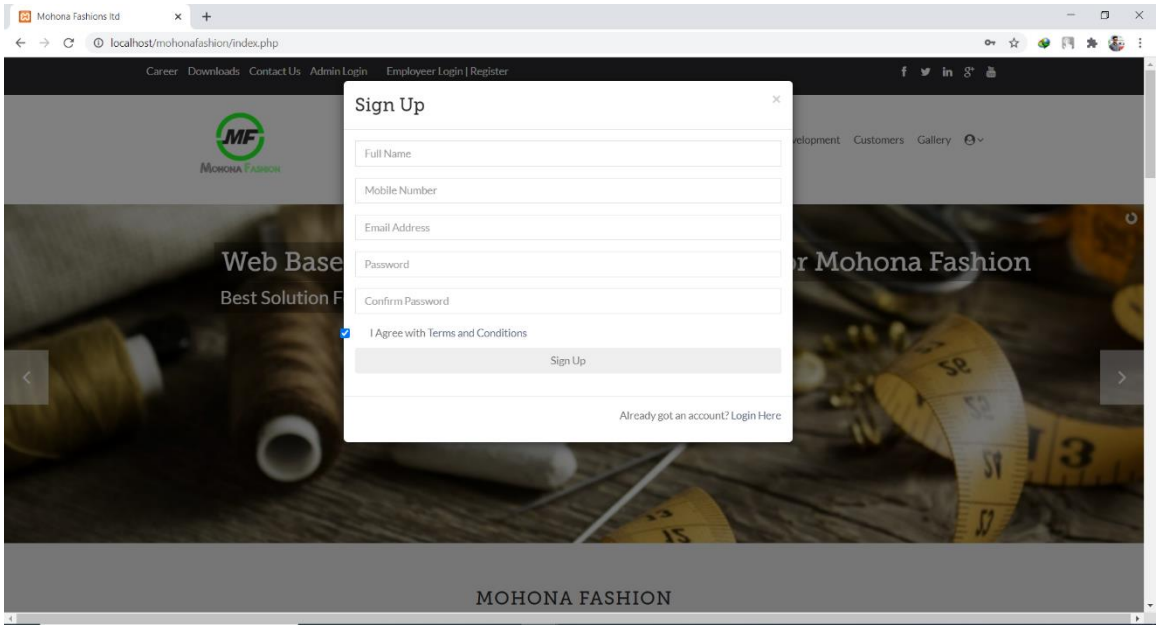

Fig: Employee Sign up

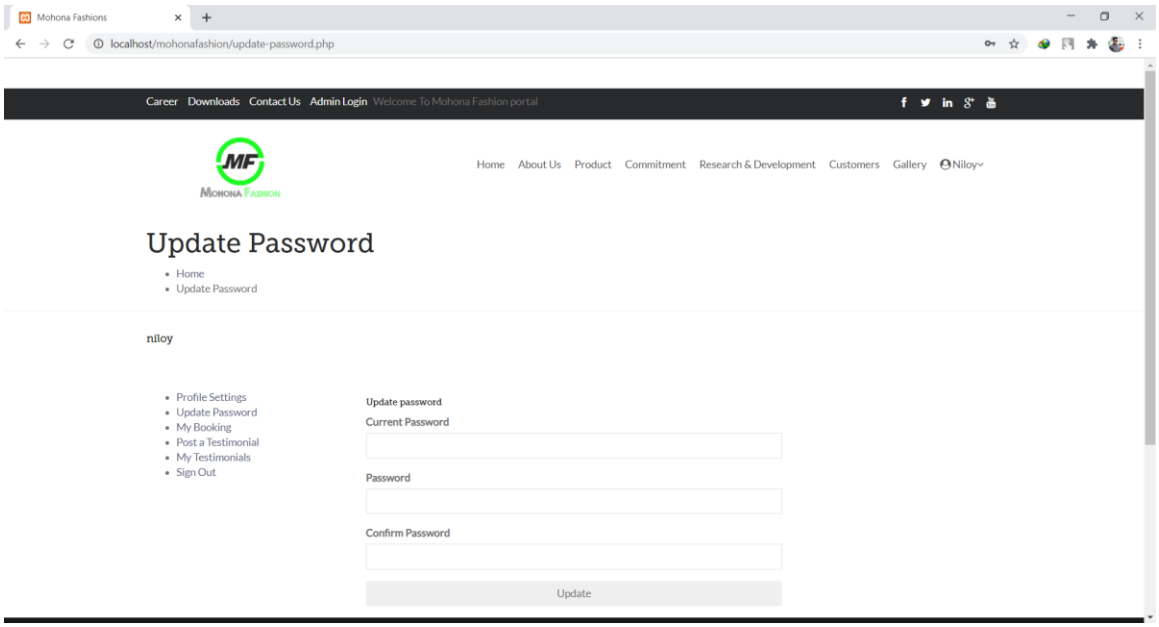

Fig: Employee Update Password

So, these are all the important elements/parts of our website, which we placed here as screenshots. Here are the dashboards of admin login/logout, employee login/logout and signup pages and also some profile details.

THANK YOU

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WEB BASED GARMENT MANAGEMENT SYSTEM FOR 'MOHONA FASHION' BY Mahir Shahriar Alam ID: 152-15- 5619 AND Khondker Fahim Faishal ID: 152-15- 6067 This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering Supervised By Dr. Md. Fokhray Hossain Associate Dean & Professor Department of Computer Science and Engineering Faculty of Science and Information Technology Daffodil International University DAFFODIL INTERNATIONAL UNIVERSITY DHAKA, BANGLADESH OCTOBER 2020 ©Daffodil International University APPROVAL This Project titled "Web Based Garment Management System For Mohona Fashion", submitted by Khondker Fahim Faishal, Mahir Shahriar Alam, ID No: 152-15-6067, 152- 15-5619 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 07/09/2020. BOARD OF EXAMINERS _____ Dr. Syed Akhter Hossain Chairman Professor and Head Department of Computer Science and Engineering Faculty of Science & Information Technology Daffodil International University _____ Md. Sadekur Rahman Internal Examiner Assistant Professor Department of Computer Science and Engineering Faculty of Science & Information Technology, Daffodil International University II _____ Subhenur Latif Assistant Professor Department of Computer Science and Engineering Faculty of Science & Information Technology Daffodil International University _____ Dr. Md. Saddam Hossain Assistant Professor Department of Computer Science and Engineering United International University Internal Examiner External Examiner III DECLARATION We hereby declare that this project has been done by us under the supervision of Md. Fokhray Hossain, Professor, Department of CSE Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for the award of any degree or diploma. Supervised by: Dr. Md. Fokhray Hossain Professor Department of CSE Daffodil International University Submitted by: Mahir Shahriar Alam ID: -152 -15- 5619 Department of CSE Daffodil International University Khondker Fahim Faishal ID: -152 -15- 6067 Department of CSE Daffodil International University IV ACKNOWLEDGEMENT First, we express our heartiest thanks and gratefulness to Almighty Allah for his divine blessing makes us possible to complete the final year Research project successfully. We have been taken efforts in this Research project. However, it would not have been possible without the kind support and help of many individuals. We would like to extend our sincere thanks to all of them. We are really grateful and wish our profound our indebtedness to, Md. Fokhray Hossain, Professor, Department of CSE, Daffodil International University, Bangladesh. Deep Knowledge & keen interest in our supervisor field in the "Web based garment management system" to carry out this project. His endless patience, continual encouragement scholarly guidance, constant and energetics supervision, constructive criticism, valuable advice, reading many inferior drafts and correcting them at all stage have made it possible to complete this Research project. We would like to express our heartiest gratitude to Dr. Syed Akhter Hossain ,Head, Department of CSE, for his kind help to finish our Research project and also other faculty member and the staff of Daffodil

the existing system, the user should search manually. The manual looking consumes ton of your time and toil. And conjointly they will search solely restricted areas. And conjointly they will get the limited product data and also the data might not be true. Many of us don't realize the present trend company data and their product. Therefore we want a replacement system for user convenient. 1.3.1 Drawbacks of the present System: • The client needs to go every and each place to gather data, means that there's no guarantee that they will get all reasonably information • The client takes ton of time to urge all data • They ought to place toil • Lots of manual work ought to be enforced 1.4 Research Methodology Garments Industries in our country is facing the challenge of commerce of their product within the world market. The market has become terribly competitive and it' s terribly laborious for the poor countries to survive within the quota free market place. Economical management and correct business ways will manufacture quality production in nominal time and prices. Automation may be a tool to attain this goal that permits the simplest use of the knowledge to create future plans. Our import was to assist the clothes industries of our country by exploitation correct use of technology. As a computer science & engineering student, we tend to visit a clothes manufactory named MOHONA FASHION, however we tend to found that it's not employing a correct automation system for production and inventory management system. Most of the works are dispensed in pen and paper. This can be swiftness down the operations and errors area unit created ofttimes. Most of the time, they're losing the previous knowledge. The present state of affairs is extremely poor within the cluster just in case of computerizations. Here we tend to used PHP/MYSQL for the backend and conjointly used HTML/CSS and some different scripting languages for coming up with the forepart. 1.5 Proposed System In the projected system, the client gets all the kind of data concerning buying of clothes. Within the proposed system the user merely choose the merchandise and find the total information concerning product. And conjointly get the knowledge concerning the merchandise stock, payment and booking of raw materials through the pc. 1.5.1 Benefits of Proposed System: • It is user friendly • Speed and effective data retrieval • Reducing the toil • Saves ton of your time • Global access • Get quality product In the projected system, since all activities are computerized, it takes lee time for process the knowledge system and world access is that the main options of the projected system. 1.6 Conclusion (Outcome of Chapter 1): In this chapter, we tend to represent concerning the introduction, motivation, the aim or goals of this project. We tend to conjointly represent concerning the present state of affairs of Mohona Fashion then tried to seek out the manual issues and talked concerning a way to convert that into automation or web-based management system. We tend to conjointly wrote concerning the analysis methodology and also the projected system, currently it's time to implement the project – therefore these are the ultimate outcomes of the chapter. CHAPTER 2 EXISTING SYSTEM & REQUIREMENT ANALYSIS 2.1 INTRODUCTION To gain some perspective on the management field and its main challenges, a literature survey is performed between the existing system and the proposed system. This process can be effective. Moreover, detecting the differences have become a new industrial utilization of computing technologies. The previous manual system was tormented by a series of drawbacks. Since whole of the system was to be maintained with hands the method of keeping, maintaining and retrieving the data was terribly tedious and prolonged. The records were ne'er wont to be during a systematic order, there are several difficulties in associating any explicit dealings with a selected context. There would continually be redundant consumption of your time whereas coming into records and retrieving records. The reason behind it's that there's heap of knowledge to be maintained and ought to be unbroken in mind whereas running the business. For this reason, we've provided options to form the entire system internet primarily based or computerised. In this section the task is to search out what's required for the new system. it had been thought rigorously concerning what the system do, not however it ought to do this stuff. the subsequent tasks I performed during this section. a) Define demands: The initial task within the requirement analysis section is to spot needs. There are 2 forms of needs b) Analyze practical needs: There are 2 approaches to practical requirements documentation and validation. System modeling and Prototyping. i exploit prototyping approach. At first, I build a image model and provides this model to the user. the most purpose of giving image is to confirm that desires of the users understood by American state. 2.2 Description Building an automatic clothes management system involves a piece of meticulous designing and structuring. It will typically be troublesome if one doesn't follow a well- structured methodology approach. Once associate evolution of the suitableness of the foremost usually used life cycle methodology; falls, RAD, prototyping, progressive and spiral; Prototyping Model was chosen. By combining the higher options of the opposite 2 approaches the Prototyping model is especially appropriate for addressing the requirements of on-line clothes Inventory Management System. The Prototyping model that is employed, is shown in Fig. 2. Fig 2: Prototyping Model The present structure provides a transparent construct of what must be done and specifically what sorts of info must be received. The projected

matter in no time. The goal of the project is to cut back manual works, increase the process speed and guarantee responsibility of knowledge. All method required for the textile management is recorded for providing sensible info to the priority. For implementing the project, we had to research a lot. 4.2 Description System development deals with the interaction between the user and the applications as well as the readymade data for user requirements. Three types of forms are used here: We develop our system implemented in two section: a) Database service implementation - Back End - PHP MySQL b) User service implementation -Front End -PHP, HTML, JAVASCRIPT, CSS. 4.2.1 Context Flow Diagram -01 Fig: Context Flow Diagram -01 4.2.2 Context Flow Diagram -02 Fig: Context Flow Diagram -02 From these two diagrams, we can get an idea of developing the whole system or about the website, in short. 4.2.3 Class Diagram Fig: Class Diagram 4.3 Conclusion (Outcome of Chapter 4) We developed the total system by HTML, CSS, JQUERY before finish and PHP Server and a few alternative aspect languages in backend. The total system is shown through the context multidimensional language or through the context diagrams. Chapter-5 'Implementation & Testing' 5.1 Introduction: After developing this system, we have a tendency to get an internet site to be shown. All we are able to decision it as our project implementation, at that time we have a tendency to check all the weather there, for testing functions. The Product Development info keeps track of the workers, customer, manufacturer, garment detail, sample product and final product. The merchandise development provides description of the elements of info delineated in keeping with the wants we have a tendency to establish six entity varieties one comparable to one another. The merchandise is developed supported client demand, the client contains a distinctive name, a novel code, and details concerning them because the attributes. It keeps track of the main points of the client thus on grasp whether or not the client had any previous dealings with the firm or not and also the order placed by him is transacted. The manufacturer conjointly contains a distinctive name, a novel code, and details concerning the firm. The code is vital attribute here for client and manufacturer 5.2 Description Here is a screenshot of our management system website: Homepage of the Website Login Format of Employee 5.3 Conclusion (Outcome of chapter 5) A management system should be established and regularly improved. It should be aligned with the aims of the organization and also should contribute to their accomplishment. The aim of the management system should be enhanced by: — Transportation along with a very helpful manner and all the necessities for managing the company. — To describing the planned and systematic actions to produce confidence that every needs are fulfilled. — Guaranteeing health, nature, security, quality and economic needs aren't about severally from safety needs, to help including their negative impact on safety. — Safety shall be dominant inside the management system, preponderant all alternative demands. Chapter-6 Critical Appraisal (SWOT Analysis) 6.1 Introduction: SWOT (pronounced "Swat") Analysis is changing into a lot of common issues in business nowadays. Historically, analysis is related to the key factors of a business. Morever, the business tool can even analyze the effectiveness of any website and it also can produce a wonderful web site design strategy. 6.1.1 What is SWOT Analysis? A SWOT analysis can be a weapon that appears a bit of a business, or the corporate to put positive and negative characteristics within the atmosphere. For our functions nowadays, we have a plan to mistreatment the weapon to investigate our website. We are able to develop the strengths and weaknesses inside our website (within the internal environment) and therefore the opportunities as well as threats our website faces (outside of the external environment). 6.2 Description The SWOT analysis is a very great tool for understanding and decision-making for all varieties of things in business and organizations. SWOT is associate degree signifier for Strengths, Weaknesses, Opportunities, and Threats. Data regarding the origins and inventors of SWOT analysis is below. The SWOT analysis headings offer an honest framework for reviewing strategy, position and direction of an organization or business proposition, or the other plan. Completing a SWOT analysis is extremely straightforward, and could be a smart subject for workshop sessions. SWOT analysis additionally works well in group action conferences. A SWOT analysis measures a business unit, a proposition or idea; a tormenter analysis measures a market. 6.2.1 Strength: We created this project as our strength and conjointly for the world strength. Through this website, we are able to build an excellent relationship among the consumers and therefore the sellers, there will be conjointly some strengths: • Customer-centric style • Useful as well as relevant contents • Good navigation and search • Fast and straightforward check in/check out system • Responsive design with full mobile support 6.2.2 Weakness: Weaknesses are merely characteristics of an internet site that place America at a drawback or that may forestall America from reaching our business objectives. Our garment management system has conjointly some weaknesses: • Security threats • Lack of flexibility • Limited scope instead of manual system • Unemployment drawback for the manual/ recent employees 6.2.3 Opportunity: There are some external opportunities that may be foretold, like increasing this technique globally. There are some regular samples of this

website's opportunities: • Great technologies to enhance expertise. • New and unboxed markets. • New niche and market structures. • New trends to convey message. • More useful selling ways. • No negative changes in garment sectors. 6.2.4 Threat: • Competitor can repeat option or idea. • Emergencies of new competitor. • Converting client wants. • SPAM & uninvited advertising. • Upgraded browser. 6.3 Conclusion (Outcome of Chapter-6) Now we have got some characteristics for every of the four segments, which may lead a higher performance of the website at starting of the marketplace. This analysis provide an brief idea of what kind of characteristic and factor measures this website. This time, we will begin reducing the impact of the negative effects and capitalize on our strength and opportunity. This SWOT Associate example relies on an unreal scenario. 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Sudarshan, John Joseph McGraw Hill International, 2004 "Database System Concepts" printed by McGraw-Hill education written in Singapore. • A moving-picture show by Khandakar Mustaq Ahmed "Discover Bangladesh" free on 2001. • B. Smith, R.Bopara - Software Development Life Cycle (by) • International Journal of Engineering and Advanced Technology Studies (Vol.4, No.3, pp.31-5, July 2020. printed by European Centre for analysis coaching and Development UK (www.eajournals.org))Mohona Fashion Appendices Here we have attached some screenshots of our website as extra elements, in this appendices section. This section is divided into 2 parts, the screenshots are given below. Appendix 1 Fig: Final Admin Dashboard Fig: Admin Login Fig: Admin Logout Appendix 2 Fig: Employee Login Fig: Employee Sign up Fig: Employee Update Password So, these are all the important elements/parts of our website, which we placed here as screenshots. Here are the dashboards of admin login/logout, employee login/logout and signup pages and also some profile details. THANK YOU ©Daffodil International University ©Daffodil International University ©Daffodil International University ©Daffodil International University ©Daffodil International University ©Daffodil International University ©Daffodil International University ©Daffodil International University ©Daffodil International University 2 ©Daffodil International University 3 ©Daffodil International University 4 ©Daffodil International

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