A PROJECT REPORT

on

"OFFLINE TAILORING MANAGEMENT SYSTEM"

Submitted to

KIIT Deemed to be University

In Partial Fulfillment of the Requirement for the Award of

BACHELOR'S DEGREE IN COMPUTER SCIENCE & ENGINEERING

BY

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CERTIFICATE

This is certify that the project entitled

"OFFLINE TAILORING MANAGEMENT SYSTEM" submitted by

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is a record of bonafide work carried out by them, in the partial fulfillment of the requirement for the award of Degree of Bachelor of Engineering (Computer Science & Engineering OR Information Technology) at KIIT Deemed to be university, Bhubaneswar. This work is done during year 2019-2020, under our guidance.

Date: 04 / 12 / 2019

PROF. M.K. GOURISARIA

(Prof. Guide Name)
Project Guide

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ABSTRACT

The task is expected to motorize the fitting part which is physically kept up. After the computerization this will mean better organizations and incredible keeping of records, data uprightness, data security, quick interest and moreover paperless condition. The endeavor has generally taken care of organization of information for the customers and in essential initiative.

Every customer of the system should sign into the structure using username and mystery state with the objective that security and check will be ensured. When marked in, a customer can make and ask for, check dress status or even give analysis. The structure official can regulate customer information and moreover update records.

This will help in understanding the vision 2030 where the organization needs its kinfolk to be painstakingly instructed and moreover motorize all the organization portions and administrations, along these lines getting a handle on Electronic Governing.

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CHAPTER ONE:INTRODUCTION

Offline tailoring management system is a is a framework intended to help the officials of fitting activities inside the business. It will give online organizations to customers, for instance, estimation convenience to their tailors, check whether their pieces of attire are done and besides help in real keeping of records.This will ensure availability of right information, information security, basic storing, access and recuperation.

The examination goes for structure a mechanized fitting organization structure that would be more reasonable and capable than the present manual framework.

1.1 Background information

Tailoring has been known to be instructed by unlearned people. It has been seen as a requiring the drop outs in the Indian systems and elsewhere. Tailors use standard manual systems to book in their clients. The clients need to wander out to region of the tailor shop to get their estimation taken. These estimations are made on papers or books. This strategy speak to a high hazard in regards to security of their information i.e., can get lost, unapproved people can without quite a bit of a stretch access the information, data order and decency not kept up. No genuine fortifications and the system is tedious.

1.2 Problem Statement

At present customers need to walk around the tailor shops to get their estimations taken for the fitting of their vestments. Their nuances are taken and kept on papers. Customers additionally need to move from their working environments to continue to check for the pieces of clothing whether there complete or not. This is monotonous and extravagant. Due to the manual systems being utilized, the whole strategy will as a rule be moderate. Customers additionally have no prior information on cost of work their pieces of attire.

1.3 Proposed Solution

The proposed disconnected fitting administration framework will dispose of all these manual intercession's and addition the speed of the whole method. The structure will empower customers to enlist on the web and adequately present their estimations.

The structure has inbuilt endorsement system to favor the entered data. The customer can login to the system to watch out for the status of the pieces of clothing for collection. The structure will exhibit the formally completed bits of dress for clients to assemble. The structure furthermore gives information about the cost of each bit of apparel the customer intends to get weave. This data will be taken care of in the database for further reference or audit.

1.4 Proposed Project Title

Title of the project is clearly stated, i.e. Offline Tailoring Management System

1.5 Project Objectives

- Automate the rhythmic movement manual fitting structure and keep up an open customer, thing database, keep up data security and customer rights.To empower clients to send their estimations to their tailors for their garments to be made.
- To engage customers to send their estimations to their tailors for their articles of clothing to be made. .
- To make sense of the all cost dependent upon the picked surface, kind of material, sum and term and benefits that information to the customer.
- To engage report age: it can give a report of finished bits of attire to the clients for social occasion and arrangements made, administrator can see all of the customers and their nuances, finished pieces of attire and all of the arrangements made.
- To make a data bank for straightforward access or recuperation of customer nuances, orders put and the customers who enrolled to the system.

1.6 Justification

Offline Tailoring management system will break the topographical blocks and bring the whole technique into a lively and basic way to deal with get to tailors. It will motorize the customary fitting system into a progressed electronic structure. This will improve data recuperation, amassing and security. It is in like manner shrewd since it will wipe out going cost to get your estimations taken and besides going to check if your dress has been made and is set up for gathering.

The clients can get to their online tailors all day every day and at any territory gave they are related with the web.

On account of the progress in media transmission for instance undersea cabling, web getting the opportunity to speed is required to fill in as the cost decreases. This will make this system continuously capable to use and offer a forceful edge in the market.

1.6 Scope

The Offline Tailoring Management System will permit to enlist and pass on estimations to the tailor for the accompanying system to seek after.

It in like manner keeps up clients' information and making various reports about the tailor shop. The central customers of the endeavor are clients and system Administrator.

It furthermore engages customers to check the status of their bits of garments for instance in case arranged or not for collection. The structure gives information about the cost, the surface kind the customer need his/her dress weave from, the length a customer needs the dress finished, the kind of material to be used, sum the extent that sets required and specifically, the system enlists the hard and fast cost and benefits that information to the customer.

Be that as it may, online installment has not been achieved,but the client is relied upon to pay either by means of versatile cash move administrations like m-pesa, pesapal or money when they come to pick their garments.

1.7 Risks and Alleviation's

1.7.1 Risks

A part of the threats and hazard that can impact this assignment are : -

- Hosting – some host may be tricky
- Security chance – software engineers and disease attack
- Time – not prepared to complete the endeavor in time
- Cost of assets – not having adequate spending plan

1.7.2 Alleviation's

- Look for reliable people/association to have your program.
- Use of security endeavors for instance firewalls to shield from unapproved people.
- I will ensure that adventure timetable is sought after for the undertaking to finish in time.
- Ensure that the necessary resources are available and inside my spending limit.

1.8 Monitoring and Evaluation

It was finished by week by week meeting with my venture manage Dr. M.K. Gourisaria sir. I had the option to report the advancement and difficulties experienced. I moreover worked and reviving on changes recommended to improve the idea of this dare to this level of standard.

CHAPTER TWO: LITERATURE REVIEW

Composing evaluation is a substance made by strategy for a person to suffer as a principle need the basic components of cutting edge data complete of broad revelations despite theoretical and methodological duties to a particular subject. Basic dreams are to organize the cutting edge consider in the variety of composing and to offer setting for the definite per client. (Cooper, 1998)

A tailor is one that makes, upkeep, and changes vestments which joins suits, covers, and attire. (answers.Com, 2012)

A tailor makes custom materials wear of various styles like covers, skirts or jeans that go together with them, for men or women. A changes master adjusts the match of completed pieces of clothing, commonly equipped to-wear, or restyles them. Fashioners select mixes of line, rate, concealing, and surface for inferred pieces of clothing. They can in like manner don't have any sewing or example making limits, and may simply depict or conceptualize vestments. (Lancaster, 2013)

2.1 Origins of the Term Bespoke tailoring

According to Poole (1846), the term bespoke developed when in the times of yesteryear; a customer would pick an electrical release in a tailor's shop, whereupon the tailor would check it as being "bespoken for". It has come to mean a standard sort of fitting in which an especially individualized model is drafted for each client, and the perfect traditional fitting methodology is used to comprehend the condition of the last bit of garments. The two standard clarifications behind bespoke modified clothing are according to the accompanying:
1. Difficulty achieving a strong match from arranged to-wear vestments.
2. Access to a progressively broad extent of styles and material structures (Poole, 1846)
As showed by English Hardy (2003), an extraordinary tailor should have the choice to vanquish most of the potential inadequacies, and make an ideal masterpiece that fits, yet should in like manner control his client towards a style that is increasingly able to his/her body. He says that a skilled tailor can make fundamental dress from normal material, anyway with time and practice they can make sense of how to make bits of apparel of exceptional radiance that give colossal confirmation to their wearer. (Solid, 2013)

2.2 Developments in Tailoring Industry

In Uganda, there has been progression of fitting school where a full scale number of 50 understudies are at present enrolled. They moreover right presently use four staff people who are had some mastery in different areas of dressmaking and arranging. During the latest two years, 58 understudies have viably proceeded onward from this establishment, some of which have teamed up in order to start up their own one of a kind associations. The school immovably ask understudies to outline gatherings, since it is easier for a social event than for a single individual to manage the challenges of working up a case business. (Margaret, 2011)

According to Richard (2012), he conveyed a defiant streak to the inheritance of suit making; he has transformed into a pillar of the progressed menswear establishment. His solid concealing and innovative turns have shown convincing to the stone n' move top of the line. .

According to Shaw (2001), he says that the fundamental man who continues sensibly is his tailor shop is the individual who takes as a lot of time as is required he sees me, while all the lay go on with their old estimations and foresee that me should fit them.(Shaw, 2001).

2.3 Becoming a Twenty-First Century Tailor Shop

The improvement of online retail and advances in web developments has engaged tinier bespoke makers to re light up lodge industry practices to contact overall onlookers. Bespoke endeavors are experiencing a strong resurgence with the happening to total propelled business focuses such StanfordRow.com. The choice alluded to the Oxford English Dictionary significance of bespoke as "uncommonly made", and considered that paying little heed to the truth a bespoke suit was "totally hand-made and the model cut without any planning, with a go-between treat orchestrate which incorporated a first fitting so alterations could be made to a half-made suit", while a suit made-to-evaluate "would be cut, as a rule by machine, from a present model, and adjusted by the customer's estimations", "both totally bespoke and made-to-check suits were "exceptionally made" in that they were made to the customer's accurate estimations and points of interest, not at all like off-the-peg suits". (Michael at.al 2011

2.4 Moving offline

As showed by Custom Tailors and Designers Association-CTDA (2012) At Gaebler, we're seeing an example in tailor shop new organizations toward an increasingly noticeable mix of advancement with traditional fitting business works out. While various progressively settled shops are hesitant to get a handle on advancement rich game plans, increasingly energetic business visionaries are getting bit of the general business by using development on different fronts:

2.4.1 **Distance Tailoring**. Detachment fitting empowers new organizations to develop their degree past the geographic restrictions of the local business focus. Customers play out their own estimations (with course) and spot arranges on the web. Though various tailors use along these lines to manage misuse disgraceful work abroad, it's possible to utilize a partition fitting framework.

2.4.2 **Integrated Back-end Solutions**.Tailor shops take after some other SMB (little and medium business) as in there are different out of sight business tasks that must be routinely performed. With the present advancement, accounting, charging, stock, conveyance and other programming courses of action can be consolidated to make an especially down to earth and steady back-end system.

2.4.3 **Social Media Marketing.** Internet organizing resources like Facebook and Twitter license tailor shop new organizations to change over satisfied customers to mark advocates. By adequately enamoring your customers on these and various areas, you can enable positive dialogs around your things and your picture.

As the development of vestment age is advancing, some little scale suit tailors are constantly developing their capacity to bit of apparel collecting level while others are so far endeavoring to be considered in the business.

CHAPTER THREE:METHODOLOGY

3.0 INTRODUCTION:

The term reasoning suggests the frameworks and systems grasped by driving an assessment examine. It follows how the data will be accumulated, and the mechanical assemblies for social occasion data, system reasoning, the proposed structure data and yield, customers and system improvement instruments.

3.1FACT FINDING TECHNIQUES

It exhibits how data will be assembled from the customers of the structure. The data aggregation procedures to be used include:

3.1.1 Observation

I will use this technique to assemble information about how the present structure functions and its methodology. This incorporates purposely watching and recording the practices and characteristics of assignments and techniques. It gives progressively separated and setting related information and can change in accordance with events as they occur, in any case, the system may be monotonous.

3.1.2 Interviews

I will coordinate an oral gathering whereby I will chat with business visionaries, suppliers and buyers to get an increasingly significant information on how the structure is getting serious. I slant toward this strategy since it gives more information from various interviewees and offers progressively noticeable flexibility as the opportunity to remake questions is there, especially in case of unstructured gathering. It's favored in light of the fact that it will give a closer contact between the customers and the designer from now on scattering the probability of the completed structure being dismissed by customers.

This framework as well:

- Permits clarification of request
- Has high response rate than made surveys
- It is sensible for use with both instructed and uneducated individuals
- Get full range and significance of information
- Develops relationship with client

- Can be versatile with client

3.1.3 Secondary Data Collection

This is information I will assemble from existing hotspots for instance from the books, web, journals and magazines that where accumulated by various experts and examination was done. It is from this data that I will by then differentiation and the fundamental data and choose an extreme end and end.

3.2 SYSTEM DEVELOPMENT METHODOLOGY (SDLC)

System development methodology is a technique that is used to show how the proposed system will developed. In this case, the methodology used will be a waterfall model.

3.2.1 Waterfall Model

It is incorporated the stages that the planner will use when working up the structure. It is a progressive model thus the name course. The designer needs to finish with one stage before taking off to the accompanying one. It incorporates the probability consider, examination arrange, plan organize, coding stage, testing stage, execution arrange finally the help organize. It is a clear model and easy to use and get it. With course improvement based methodologies, the inspectors and customers proceed with successively beginning with one phase then onto the following. The desires from each stage are voluminous and are displayed to the endeavor supporter for underwriting as the undertaking moves from stage to arrange. At the point when the stage is embraced by the help it closes and the accompanying stage begins.

Figure

Diagram of Waterfall model

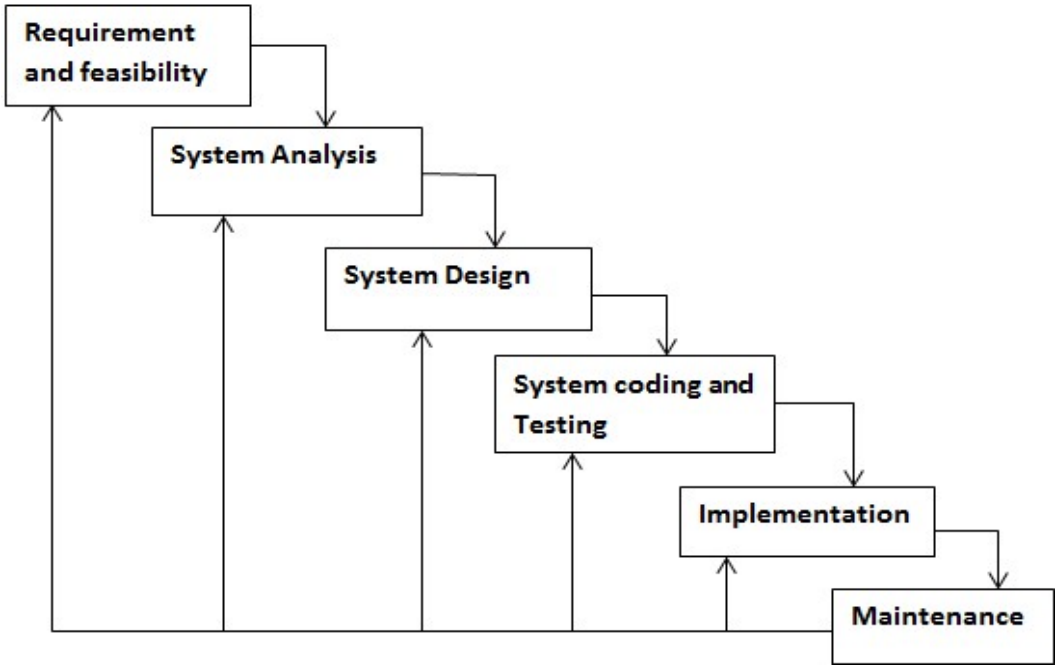

Figure 3.0: water fall diagram

3.2.1.1 Feasibility study

Here, I will do an examination to get a cognizance of the customers' present structure and issues experienced in this system through gatherings, recognitions, interests, etc. I will use the got data to choose the appropriateness of the structure being proposed similar to specific, financial and social accomplish capacities.

3.2.1.2 Requirements analysis:

At this stage, I will collect information about what the customer needs and describe the issues the system is depended upon to settle. I will in like manner join customers' business setting, thing limits and its similitude. I will collect essentials, for instance, programming like the programming language to use, database model and hardware required, for instance, PC, printers, etc.

3.2.1.3 Design.

At this stage we will make a general structure of the system building and physical arrangement which fuses User interface and Database structure. It's at this stage we will perceive any imperfections before moving onto the accompanying stage. The yield of this stage is the arrangement assurance which is used in the accompanying period of execution.

3.2.1.4 Coding/Implementation.

At this stage, we will begin coding as indicated by the structure specification(s). The yield of this movement is in any event one thing fragments worked by a pre-described coding standard and fixed, attempted and composed to satisfy the structure plan necessities.

3.2.1.5 Testing.

In this stage, we will ensure both individual and joined whole are methodicallly affirmed to ensure they are sans botch and satisfy customer requirements. We will incorporate both unit testing of individual code modules, structure testing of the organized thing and affirmation testing coordinated by or for customer. We will ensure bugs discovered are redressed before moving to the accompanying stage. We will in like manner plan, review and disseminate Product documentation at this stage.

3.2.1.6 Installation.

It is done once the thing has been attempted and confirmed as fit for use. The system is set up for use at customer site. We will do transport through web or physical movement depending upon customer needs.

3.2.1.7 Maintenance.

This stage occurs after foundation. It remembers making alterations for the system to improve execution. Such changes are customer begun or on account of bugs being discovered which were from the start not known. These adjustments are recorded for documentation and structure update.

3.2.1.8 Benefits of waterfall model

- It upgrades quality: getting essentials and structure initially gets and right potential slip-ups at the arrangement mastermind than at the testing stage, after the aggregate of what parts have been fused.
- Simple and clear and use
- Easy to direct as a result of the firmness of desires and review process
- Phases are handled and finished each one in turn

3.2.1.9 Criticisms of waterfall model

- Advocates of Agile programming headway battle that course model is a misguided idea for all intents and purposes – confiding in it's unimaginable for any non-fundamental undertaking to finish a time of programming things life cycle perfectly before moving to the accompanying stage and picking up from them. For example, clients may not know unequivocally what essentials they need before investigating a working model and commenting on it. They may change their requirements persistently. Originators and Programmers may have little direction over this. If clients change their necessities after the structure is settled, the arrangement must be modified to oblige new essentials. This reasonably implies invalidating a conventional game plan of working hours which means extended cost, especially if a great deal of the endeavors' advantages has quite recently been placed assets into Big arrangement ahead of time.
- Designers may not think about future execution inconveniences when making an arrangement for a unimplemented programming thing. That is, it may end up being clear in the utilization arrange that a particular locale of program helpfulness is strikingly difficult to realize. For this circumstance, it is more intelligent to change the structure than suffer in an arrangement reliant on faulty desires and that doesn't speak to the newly discovered issues.

3.3 CONCLUSION

The disconnected Tailoring Management System will facilitate crafted by the owner by keeping up the database and records. It will ease correspondence between the tailor and the customer. The framework processes the request direness and will likewise help the proprietor of the firm to keep up the Account Book and to effectively allot Jobs to his/her workers.

In this manner, this system will be dynamically important to realize.

We are thankful to the Almighty GOD, the Merciful without whose support and gift this venture would not been effectively finished. We additionally recognized with extraordinary gratitude to our venture manage "Dr. M.K. Gourisaria" sir, for her most important proposals and collaborations.

3.4 SYSTEM ANALYSIS

3.4.1 Existing System

The present system was seen to be absolutely manual, for instance customers' information is trapped in books, there in like manner required to walk around the tailor shop to get their estimations taken.

Customers furthermore go to the tailor shops to mind the headway of their pieces of attire.

3.4.2 Problems of Existing System

Pondering the above portion, there are various issues related with the present manual structure, they fuse the going with:

- Duplication in records of the customers.
- There is an issue of limit of the taken estimations for instance can without a doubt get lost.
- Information recuperation from these sources isn't basic.

3.4.3 Requirements Analysis

3.4.3.1 User Requirements

It is basic to get customers of the system totally included with the ultimate objective that the issue of progress the officials doesn't develop. The structure is depended upon to be:

- Easy to learn and use
- Improve on the capability of information amassing and recuperation.
- Produce results faster for instance estimations settlement or checking dress status, as such diminishing on time wasted during forward and in reverse traveling.
- Provides engaging interfaces with basic course all through the structure.
- Faster, versatile and invaluable.
- A system that stores data and produces reports helpful and definitely.

3.4.3.2 Functional Requirements

Utilitarian essentials get the proposed lead of the system. This lead may be imparted as organizations, tasks or limits the system is required to perform. In this way the proposed structure can:

- Capture customer information, store it and make it open at the crucial point in time.
- Present the customers with a constant introduction on the bits of dress status.
- Generate reports exactly and fortunate.
- Search and show customer information nuances.
- Computes the total cost of a bit of apparel depending upon the picked surface, kind of material, sum and term and benefits that information to the customer.

3.4.3.3 Non-functional Requirements (NFR)

Non-valuable necessities are requirements which decide criteria that can be used to condemn the assignment of a system, rather than express practices. This is showed up diversely in connection to valuable essentials that decide express direct or limits. Structures must show programming quality properties, for instance, accuracy, execution, cost, security and modifiability notwithstanding usability, for instance easy to use for the arranged customers. NFRs help to achieve the valuable need of a system. Thusly the proposed structure does the going with:

- The system has first class and faithful quality level. The break between frustrations, mean time to fix, and precision are high.
- The system has straightforward interfaces. This ensures the straightforwardness with which the structure can be learned or used. The structure can empower customers to present and work it with for all intents and purposes no arrangement.
- Handles creating proportions of work in a spry manner as can be expeditiously widened for instance the straightforwardness, with which the system can be changed to manage a gigantic augmentation in customers, exceptional main job or trades.
- The system prevents unapproved access to the structure with customer check through login-on structure.

3.4.3.4 System Requirements

3.4.3.4.1 Hardware requirements

ITEMS	QUATITY	PRICE(₹)
Computer Processor: core2dual 3GB RAM 500 HDD	1	50 000
External back up (disks) – @ 500 GB	2	16 000
Research and internet costs		2 000
Printing and photocopying		3 000
Stationary		3 000
Transport		4 000
Labour costs		5 000
TOTAL		**83 000**

Table 3.0: Hardware Requirements

3.4.3.4.2 Software Component System Requirement:

- Browsers: Microsoft Internet Explorer, Firefox
- Server: Wamp Server
- Operating System: Windows XP, 7, 8 and Linux.
- Back end: MySQL.
- Front end: PHP Script and scripting is done using JavaScript.

3.4.4 : Use Case Diagram

A usage case outline exhibits the relationship between the structure and its condition. The portions of a use case graph are:

- ✓ Actors: Represent outside substances of the system for instance Individuals who collaborate with the structure that is being illustrated. For example, customers and structure head will be the performers of the proposed system.
- ✓ Use Cases: Use cases are pragmatic bits of the structure. Models are recording and submitting estimations.
- ✓ Associations: Associations are showed up among performers and use cases, by outline a solid line between them. This equitable addresses that and on-screen character uses the use case.

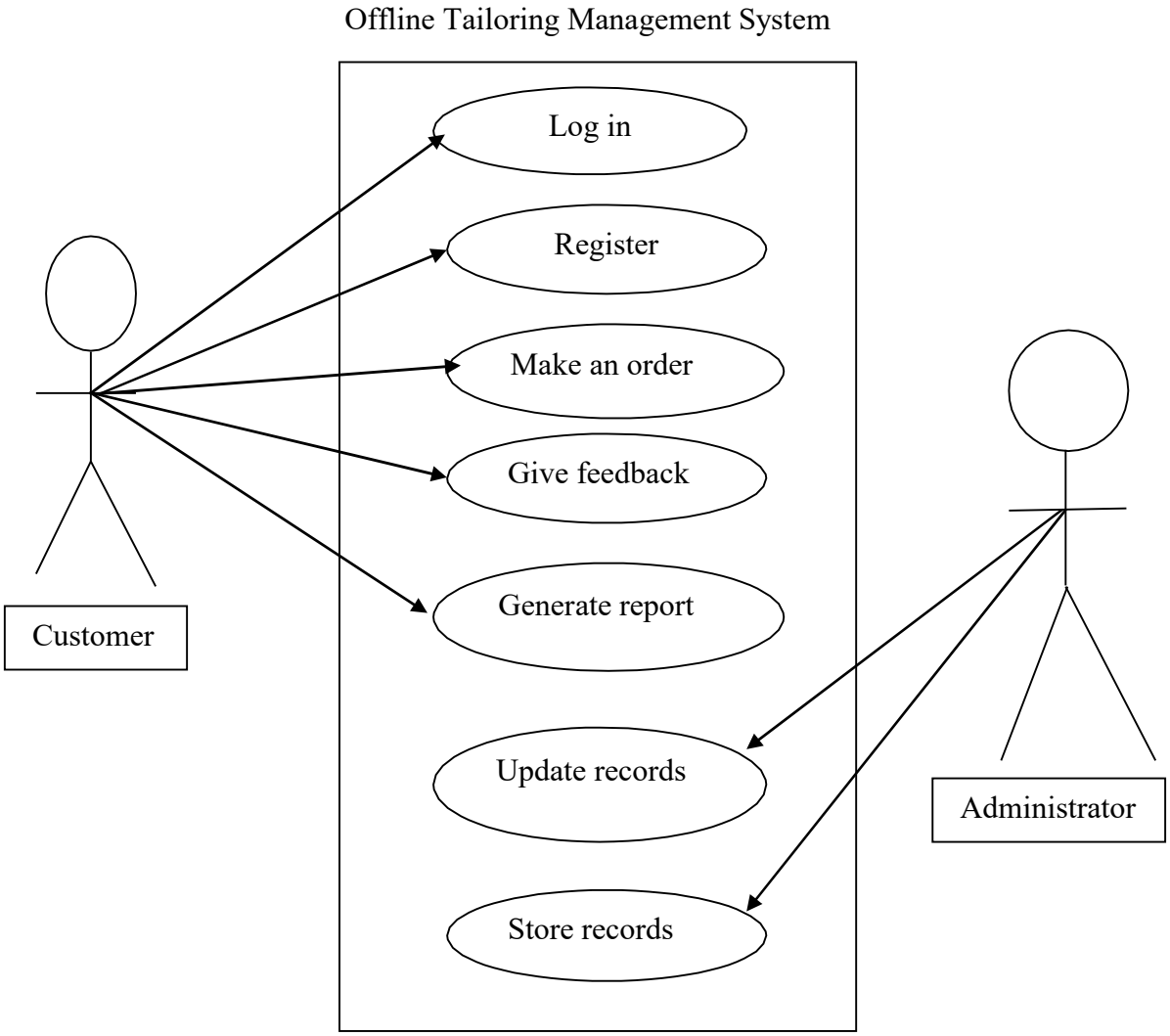

Figure 3.2: use case diagram

3.5: Data Flow Diagram

Data flow diagrams (DFD's) were utilized to speak to the progression of data in a framework. They are equipment free and don't reflect choice focuses. They exhibit the data and how it streams between explicit procedures in a framework. They give one sort of documentation to reports. These outlines help to show how information moves and changes through the framework in a graphical top-down design. They likewise help to give graphical portrayal of the framework's segments, forms and the interfaces between them.

At the point when it came to passing on how information courses through frameworks (and how that information was changed all the while), DFD's were the strategy for decision over specialized depictions for three chief reasons:

- DFD's are more clear by specialized and non-specialized spectators.
- They give an elevated level framework diagram, total with limits and associations with different frameworks.
- They give a point by point portrayal of the framework segments.

The outline beneath shows the progression of information through the proposed framework. It portrays the progression of data and the change that is applied as information moves from contribution to yield.

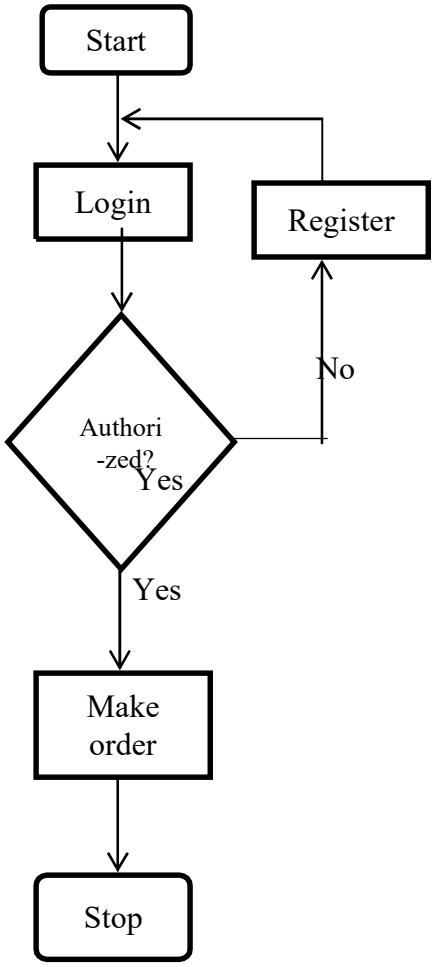

Figure 3.3: Diagram to show information flow in the proposed system

3.6: SYSTEM DESIGN

3.6.0 : Introduction

This incorporates changing the item essentials into a designing that portrays its top-level structure and perceives the item fragments and working up a low down arrangement for each item parts. For each need, a great deal of at any rate one arrangement parts will be made.

A model is a depiction of this present reality and can be worked for existing systems as a way to deal with all the more promptly fathom those systems or proposed systems as a way to deal with record business necessities or specific structure.

3.6.1 Data Modeling

This is a technique for sifting through and chronicling a system's data.

3.6.1.1 Conceptual design

Sensible arrangement is indisputably the principal time of structure, where outlines or solid models are the predominant devices and things. The hypothetical structure arrange gives a depiction of the proposed system in regards to set of consolidated musings and thoughts regarding what it should do, continue and take after, that will be reasonable by the customers in the manner anticipated.

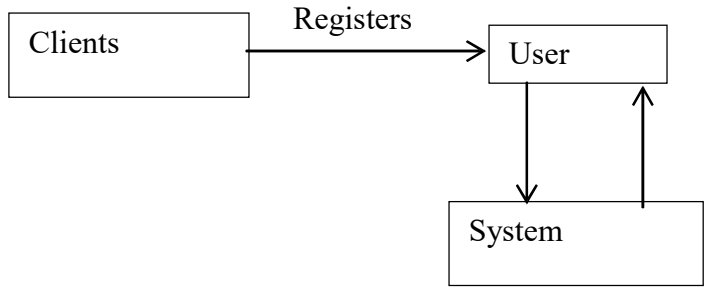

Figure 3.4: Diagram of a conceptual design of the system

3.6.1.2 Data dictionary

This contains all data definitions for cross-referencing and for directing and controlling access to the information chronicle/database. It gives a comprehensive interface portrayal (commensurate to Interface Control Documents) that is free of the model itself. Changes made to a model may be associated with the data word reference to choose whether the movements have affected the model's interface to various structures.

Data word references don't contain any authentic data from the database, simply bookkeeping information for regulating it. Without a data word reference, regardless, a database the administrators structure can't get to data from the database. Coming up next are the portrayals:

users

Field	Type	Collation	Attributes	Null	Default	Extra	Action
id	tinyint(3)			No	*None*	AUTO_INCREMENT	
user	varchar(20)	utf8_general_ci		No			
pass	varchar(25)	utf8_general_ci		No			
limit	text	utf8_general_ci		Yes	*NULL*		
auth	tinyint(1)			No	0		

Indexes:

Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	1	A		
id	BTREE	Yes	No	id	1	A		

Table 3.1: Description of user login

customers

Field	Type	Collation	Attributes	Null	Default	Extra	Action
id	smallint(6)			No	*None*	AUTO_INCREMENT	
cusid	varchar(11)	utf8_general_ci		No	21172		
oid	varchar(11)	utf8_general_ci		No	MT27090		
name	varchar(30)	utf8_general_ci		No	DULAL HALDER		
phone	varchar(13)	utf8_general_ci		Yes	*NULL*		
address	text	utf8_general_ci		Yes	*NULL*		

Indexes:

Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	1	A		
id	BTREE	Yes	No	id	1	A		

Table 3.2: Description of customers' information

topdress

Field	Type	Null	Default
DRESSCODE	int(100)	No	
DRESSTYPE	varchar(100)	No	
FABRIC	varchar(100)	No	
MATTYPE	varchar(100)	No	
QTY	varchar(100)	No	
CPP	varchar(100)	No	
TAMOUNT	varchar(100)	No	
DURATION	varchar(100)	No	
CUSTID	int(30)	No	
FLENGTH	int(3)	No	
SHOULDERS	int(3)	No	
CHEST	int(3)	No	
SLEEVE	varchar(8)	No	
NWAIST	int(3)	No	
WAIST	int(3)	No	
NECK	int(3)	No	
COMMENT	varchar(1000)	No	

Indexes:

Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	DRESSCODE	2	A		

Table 3.3: Description of top dresses measurements

btmdress

Field	Type	Collation	Attributes	Null	Default	Extra
id	int(4)			No	*None*	AUTO_INCREMENT
oid	varchar(11)	utf8_general_ci		No	MT27090	
cusid	int(11)			No	21172	
length	varchar(11)	utf8_general_ci		Yes	*NULL*	
waist	varchar(11)	utf8_general_ci		Yes	*NULL*	
hip	varchar(11)	utf8_general_ci		Yes	*NULL*	
thai	varchar(11)	utf8_general_ci		Yes	*NULL*	
hai	varchar(11)	utf8_general_ci		Yes	*NULL*	
fold	varchar(11)	utf8_general_ci		Yes	*NULL*	
description	text	latin1_swedish_ci		No	*None*	
shoulder	varchar(11)	utf8_general_ci		Yes	*NULL*	
sleeve	varchar(11)	utf8_general_ci		Yes	*NULL*	
neck	varchar(11)	utf8_general_ci		Yes	*NULL*	
chest	varchar(11)	utf8_general_ci		Yes	*NULL*	
type	varchar(10)	utf8_general_ci		Yes	*NULL*	

Indexes:

Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	1	A		

Table 3.4: Description of dresses measurements

Account

Field	Type	Collation	Attributes	Null	Default	Extra	Action
id	int(11)			No	*None*	AUTO_INCREMENT	
empid	varchar(7)	latin1_swedish_ci		No	-		
amount	double			No	0		
transaction	varchar(6)	latin1_swedish_ci		No	*None*		
name	varchar(25)	latin1_swedish_ci		No	*None*		
date	date			No	*None*		
reason	text	latin1_swedish_ci		No	*None*		
cusid	varchar(11)	latin1_swedish_ci		No	-		
oid	varchar(11)	latin1_swedish_ci		No	*None*		

Table 3.5: Description design of the Account table

finished

Field	Type	Null	Default	Comments
cusid	int(20)	No		
cusname	varchar(100)	No		
fdress	varchar(50)	No		

Indexes:

Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	cusid	2	A		

Table 3.6: Description design of the finished garments table

Shop

Field	Type	Collation	Attributes	Null	Default	Extra	Action
id	int(11)			No	*None*	AUTO_INCREMENT	
val	tinyint(4)			No	*None*		
date	date			No	*None*		

Table 3.7: Description design of the Shop information

CHAPTER FOUR: IMPLEMENTATION (CODING AND TESTING)

4.0. Introduction

It is the strategies of placing the proposed system in action. A bit of the Activities endeavored by the master are Training work power who will use the structure. There is furthermore course of action of customer manual and help page for compelling use of the system.

Next is to acquaint Computer Equipment and web with empower them to interface with their clients in the globe. This will support the full value of this proposed structure. Equipment should be picked up from apparent shipper. These fuse central taking care of unit (CPU), Ethernet joins, switches, yield and data contraptions for instance comfort, mouse, screen and all assistant accumulating devices. The hardware and programming venders have genuine commitment with respect to presenting these rigging. The analyst by then chooses the helpful changes. For instance may separate the movement limit changes realized by the modernized system.

4.1. Coding

Coding is the improvement of the real system using express language. For this proposed structure, I have used php to understand the system. It is a scripting language, progressively secure and electronic.

4.2 Application and Database Connection

The constructed system is related with the Mysql Database through a data circumstance. The tables should be made and institutionalized. The data should in like manner be endorsed. An affiliation should similarly be set and developed in the arrangement of the specific structures.

4.3. Testing

Testing is the route toward affirming and supporting the system for the conformance with specific and meeting the customer's requirements. The goals of testing are to ensure that the structure ventures is without botch, guarantee the system end customers can associate with the system well and assurance that the sections of the structure interface are working commendably.

4.3.1. Functional Testing

The purpose behind useful testing is to ensure that the program plays out all of the limits that were at first shown, that all the data is precisely recognized. It relates to the whole system and doesn't require a particular perception of the structure. All of the components of the structure as at first decided are deliberately attempted to ensure that nothing has been coincidentally disposed of or confused. A positive undertaking is committed to anticipate errors than a fresh customer may make, and tests had to check the effect of such goofs and assurance that they don't result in off course exercises or awful data being taken care of in the database.

4.3.2. System Testing

This is the spot the structure is checked whether it has met the customer necessities and executes as per wants. Coming up next are the tests to be used. On perfection of the whole system, all of it is attempted to ensure no botches have been introduced. The system is attempted with a sensible proportion of test data; disregarding the way that the investigator isn't depended upon to put days making in numerous records, the structure should be attempted with around 50 records in all of the essential tables.

4.3.2.1. Recovery Testing:

Recuperation testing can be done to figure out what occurs, for instance if there is a power disappointment in information passage. Is the entire database adulterated?

4.3.2.2. Acceptance Testing

The customer is free to test the structure to ensure that it fulfills the communicated objectives. If possible the researcher should watch this testing and not keep the customer from mistakes. The structure ought to adjust to frightening customer lead.

4.3.2.3. User Acceptance testing

This is attempting of the system by the customer division after the structure has completed the Systems test.

4.3.3. Unit testing

After the bits of the system are done they are first attempted. All the new gear, procedural manuals and all system interfaces must be attempted to ensure that they fulfill the necessary rules.

4.4. Test Data

The motivation behind test information is to check and guarantee that the structure is working commendably and according to the measures set. It incorporates checking the new system if it is working precisely. It is attempted in modules to set up if there is any issue in any module. This is whereby each module is attempted alone. While testing segments should be inputted as they are so as to be agreeable in the database else mix-ups will occur. For example, if customer's Id should be in numbers so the field should not recognize content.

4.5. File Conversion

The examiner changes the current records into a structure where it very well may be utilized by the new framework. The methodology is as per the following; the examiner first record the document information at that point Transcribe the reports to appropriate media and Verifies information to guarantee it is sans blunder.

4.6. Control

Control measures to be set up for the system is; Password where the customer is required to enter his/her mystery word to sign in. It is simply to endorse customers.

The antivirus programming should be used to clean up the diseases dangerous to the application. Physical security, for instance, keeping the system in an ensured room-Ensure that there are firm windows and Doors and guarding the spot.

4.7 Physical Design:

Home Interface Testing

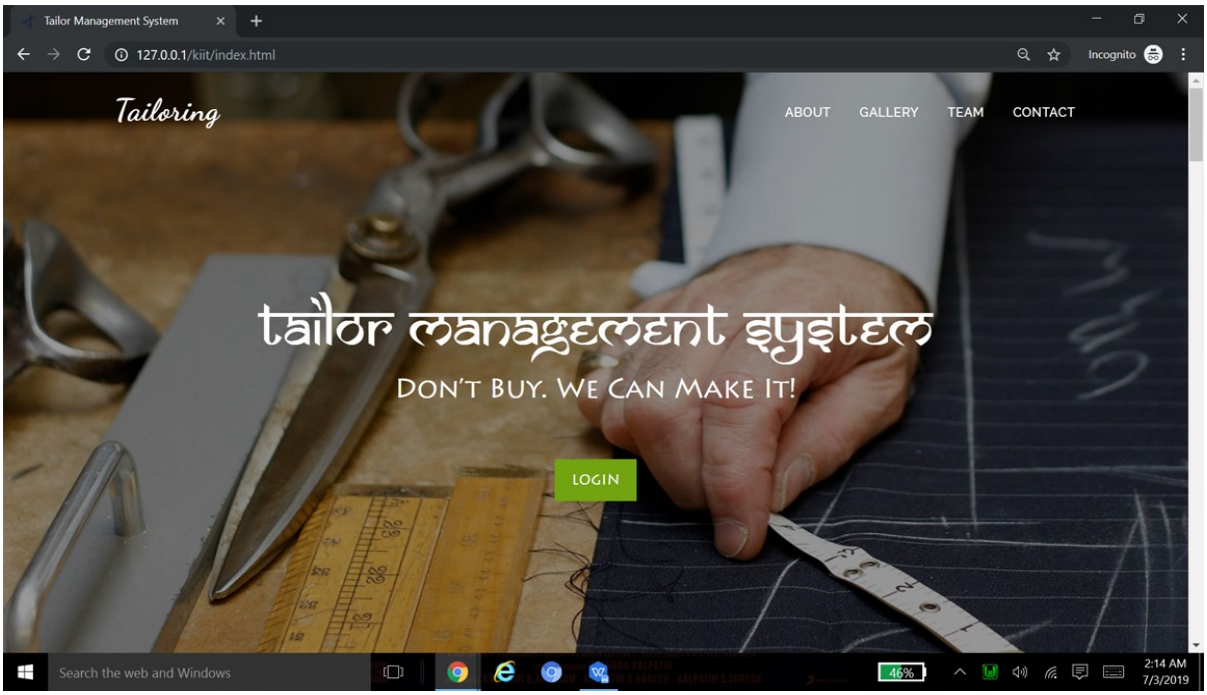

Figure 4.0: Shows the home user interface.

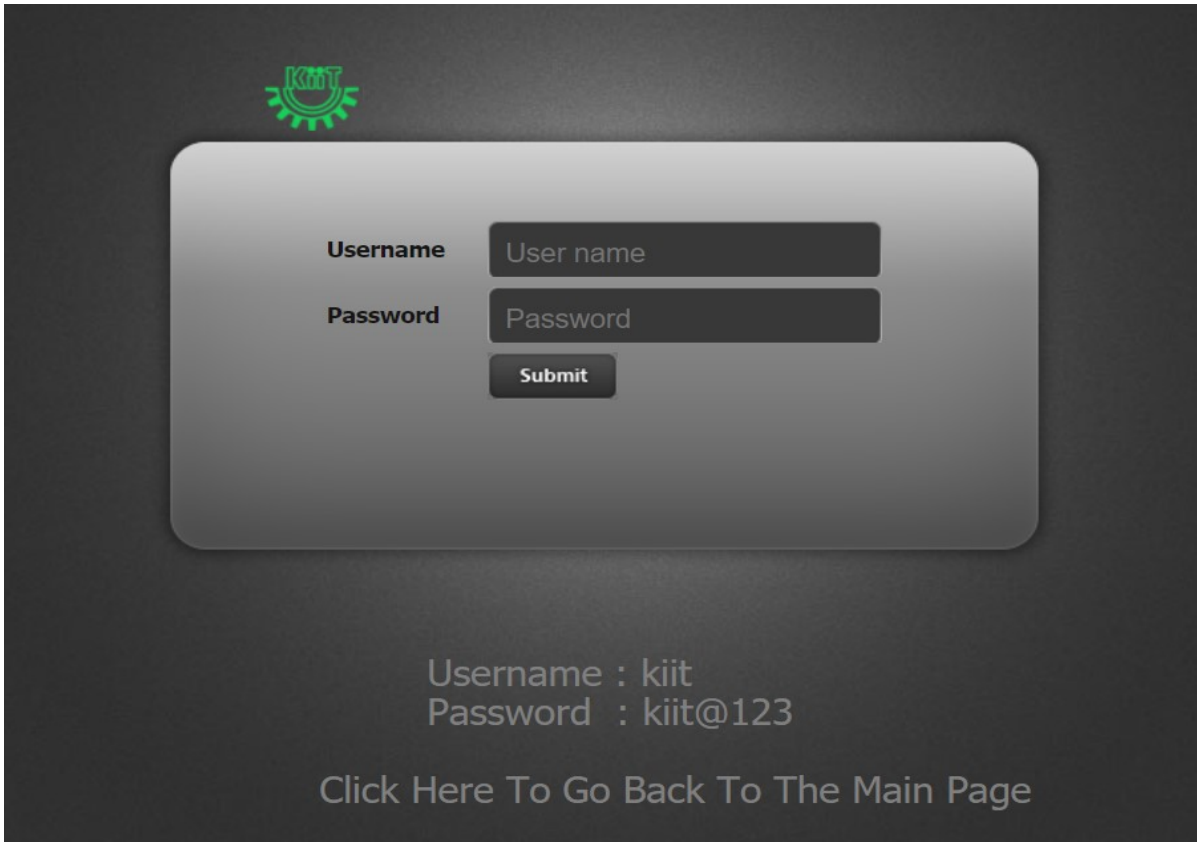

Figure 4.1: Shows the login user interface

Ordering User Interface Testing

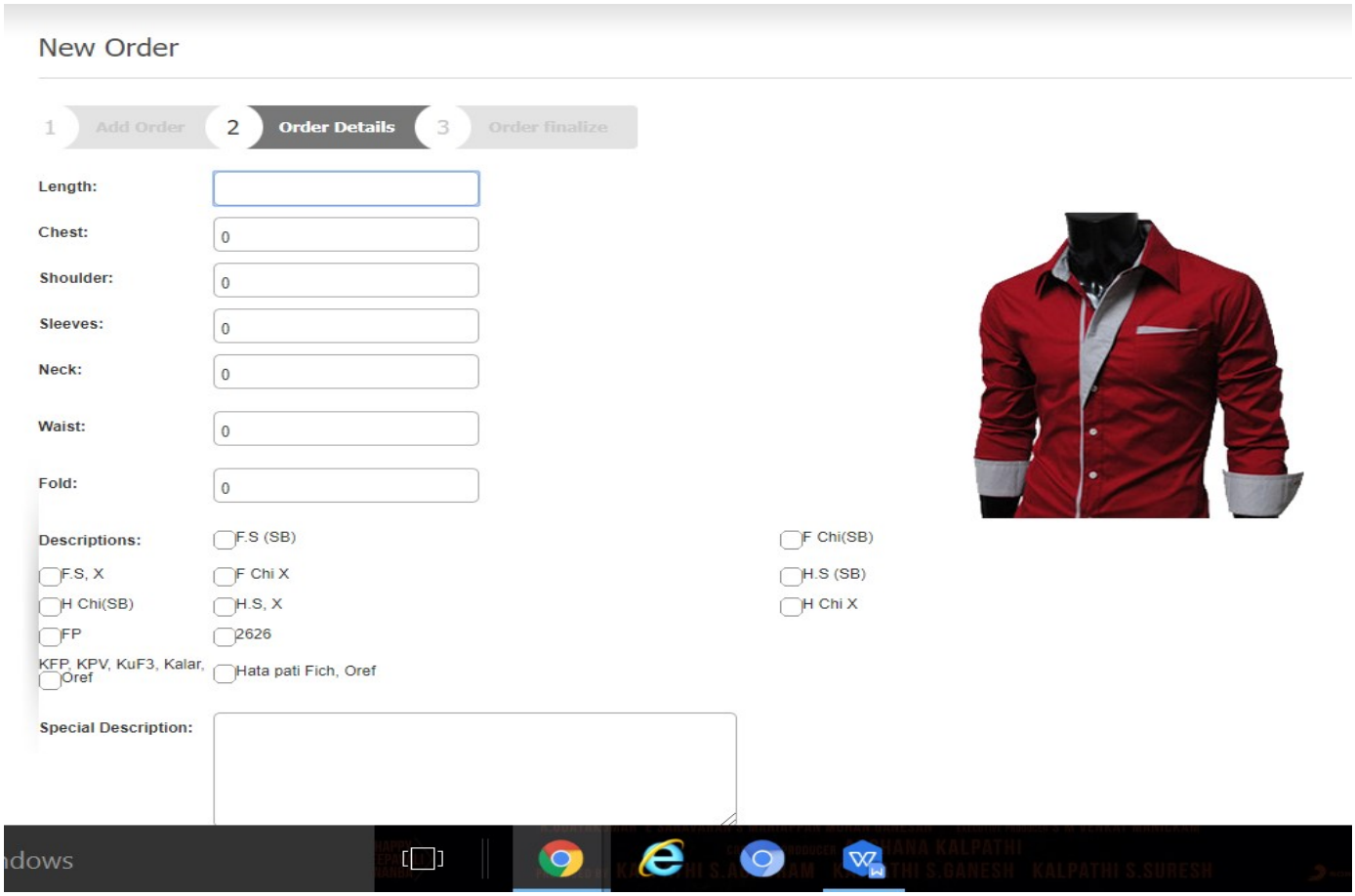

Figure 4.2:

Shows the dress ordering user interface

Interface of generating dress's Bill

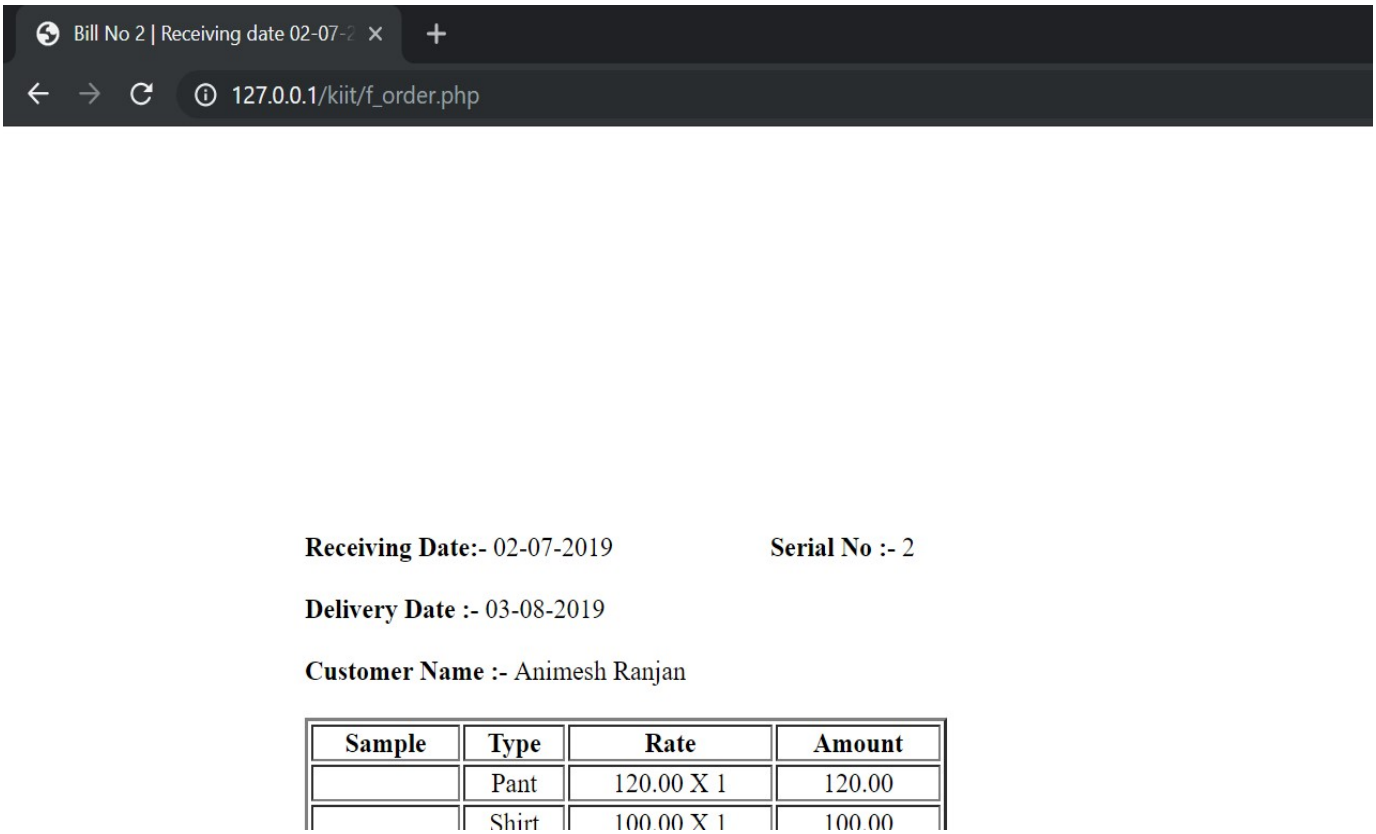

Figure 4.3: Shows interface for customer to view his dress's bill.

This interface empowers the client to see his/her dress via looking from the landing page utilizing the client id. On the off chance that the dress is done, the client sees it and can go to gather else he/she is asked to mercifully check once more.

CHAPTER FIVE: SUMMARY, LIMITATION, CONCLUSION AND RECOMMENDATIONS

5.0 Introduction

This segment portrays the goals of the system stipulated in before part, obstacle of the structure, end and recommendation of the system.

5.1 Summary

As discussed in the past parts the rule issue tended to was overseeing web fitting organization. It is the above condition that drove us to techniques for working up this Online Tailoring Management System to enable customers handle nuances of their pieces of clothing gainfully and enough. The assignment has executed Most of the objectives stipulated in before areas. The online fitting organization structure offers different focal points to the customer and can get data, store, and see, incorporate and eradicate the records entered.

It moreover offers information to the customer about the surfaces to be used, sum with respect to sets, edginess and registers the total cost of weaving the bit of apparel..

5.2 Limitations

Issues Encountered during System Design: Limited time to wrap up the work, restricted quantities of PCs with the web in the workforce thus it winds up hard to download PHP codes from the web and deficient budgetary help to encourage the undertaking.
It's because of time factor additionally that constrained the advancement and consolidation of online installment capacities, in any case, the framework shows applicable data about the expense of sewing a particular article of clothing requested relying upon the texture picked, material utilized, amount required and the criticalness at which it's required.

5.3 Conclusions

The center explanation behind the foundation of a fitting administration framework is to empower the clients and directors in an advantageous, reasonable and opportune way of communication. In this way the IT utilized by whoever uses the framework should bolster

innovation powerful. This may include preparing of the staffs on the best way to enter right and important information into the framework and the administration to continue refreshing the equipment and programming necessities of the framework. IT and PC frameworks should be continued being updated as increasingly more IT offices programming are presented in the present IT advertise.

The scientist recognizes the way that this framework does not deal with all staffs the tailor shops have like the advantage area and staff individuals in the tailor shop. The scientist along these lines proposes that for further examination into structure a framework that catches all fields as relates the tailor shop.

5.4 Recommendations

Planning of the significant number of people from the staff in the tailor shops to get accustomed with the system will be a need. This being another system, a couple of people from the staffs' organization will get undermined that the modernized fitting organization structure will replace their occupations. I would recommend that organization of the tailor shops encourages the staff on how this system will function and how it will upgrade their undertakings for instance customers will simply visit them during articles of clothing gathering. For the profitability of the structure, customers of the ought to be by and large instructed about the exercises of the system especially on the most ideal approach to enroll, give their nuances, make orders and on the most ideal approach to watch out for their dress status. They should similarly know how to login using username and mystery express which should be kept private.

Access to the server room should be physically gotten ready for unapproved individual; the server room should be without buildup and totally verified with a constrained air arrangement of 1100BTU to keep the server from over-warming. Support media like External hard circles, CDs, Diskettes and Flush plates can be used for fortifications and limit of data.

Access to the server room ought to be physically made preparations for unapproved individual; the server room ought to be without residue and completely secured with a forced air system of 1100BTU to keep the server from over-warming. Reinforcement media like External hard circles, CDs, Diskettes and Flush plates can be utilized for reinforcements and capacity of information.

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Vintage-style clothing website ModCloth Inc. "It used to be about search -- that was Amazon

Tom Giles at tgiles5@bloomberg.net - http://www.bloomberg.com/news/2012-08-08/e- tailor-startups-challenge-amazon-in-200-billion-market.html

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Appendix-A

STUDENT'S CONTRIBUTION TO THE PROJECT

NAME OF STUDENT	1. Siddharth Kant 2. Sadakat Aman Khan
ROLL NO	1605487 1605473
PROJECT TITLE	OFFLINE TAILOR MANAGEMENT SYSTEM
ABSTRACT OF THE PROJECT (WITHIN 80 WORDS)	The project is aimed to mechanize the fitting part which is physically kept up. After the computerization this will mean better administrations and great keeping of records, information uprightness, information security, fast pursuit and furthermore paperless condition. The undertaking has for the most part handled administration of data for the clients and in basic leadership.

CONTRIBUTION

1. CONTRIBUTION TO THE PROJECT REPORT	1. Responsible for writing the project documentation (SRS). 2. Responsible for studying the project references. 3. Responsible for creating the DFD's and req. Diagrams.
2. CONTRIBUTION DURING IMPLEMENTATION	1. Responsible for creating database and tables. 2. Responsible for Developing the interface. 3. Responsible for checking the bugs in the software.

SIGNATURE OF STUDENT

SIGNATURE OF GUIDE

APPENDIX B: ACTIVITY SCHEDULE

Week	Tasks/ Activities	Role of stage
1,2	Project idea	Generation of the system the i wants to develop
3-6	Proposal Writing	Writing the proposal from the information gathered
7	Submission and presentation	Presentation the proposal to the management and submits the final copy later.
8-10	Feasibility study	Gathering of the requirements from the customers/users to help develop the system.
11	System analysis	Analyses of the data collected and the requirements.
12	System Design	Designing of the system, both the logical and physical design of the system.
13-15	System Coding and testing	This will involve developing of the codes which will make the system operate and work accordingly. Testing is done to see that the system is giving the required outputs when given certain inputs.
16	System Implementation	This involves system installation and the website hosting.
17	System Documentation and user manual	This involves coming up with the user manual that will help the customer and other system users to use the system and also the documentation.

APPENDIX C: GANTT CHART

Gantt chart

No	Activity	DURATION IN WEEKS:																	
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th
1	Proposal																		
2	Field Study																		
3	Analysis																		
4	Database Design																		
5	Interface Design																		
6	Coding and Testing																		
7	System testing & Integration																		
8	Documentation																		

APPENDIX D: SAMPLE CODES:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
<title>Tailor Managment System</title>
<link rel="icon" type="image/png" href="images/favicon.png">
<link rel="stylesheet" href="css/screen.css" type="text/css" media="screen" title="default" />
<!--  jquery core -->
<script src="js/jquery/jquery-1.4.1.min.js" type="text/javascript"></script>

<!-- Custom jquery scripts -->
<script src="js/jquery/custom_jquery.js" type="text/javascript"></script>

<!-- MUST BE THE LAST SCRIPT IN <HEAD></HEAD></HEAD> png fix -->
<script src="js/jquery/jquery.pngFix.pack.js" type="text/javascript"></script>
<script type="text/javascript">
$(document).ready(function(){
$(document).pngFix( );
});
</script>
</head>
<body id="login-bg">

<!-- Start: login-holder -->
<div id="login-holder">

	<!-- start logo -->
	<div id="logo-login">
		<a href="index.html"><img src="images/shared/logo.png" width="156" height="40" alt="" /></a>
	</div>
	<!-- end logo -->

	<div class="clear"></div>

	<!--  start loginbox ..... -->
	<div id="loginbox">
```



```
	<!--  start login-inner -->
```

```
<div id="login-inner">
<table border="0" cellpadding="0" cellspacing="0">
<form action="auth.php" method="post">
<tr>
<th>Username</th>
<td><input type="text"  placeholder="User name" name="uname" class="login-inp" /></td>
</tr>
<tr>
<th>Password</th>
<td><input type="password" placeholder="Password" name="pass" class="login-inp" /></td>
</tr>
<tr>
<th></th>
<td><input type="submit" class="submit-login"  /></td>
</tr>
</form>
</table>
</div>
<!--  end login-inner -->
</div>
 <!--  end loginbox -->
<h1 style="color:#808080;margin-left:155px;margin-top: 50px;">Username : kiit <br>
 Password  : kiit@123<br><br>
 <a href="index.html" style="margin-left: -60px; color: #808080;">Click Here To Go Back To The  Main Page</a></h1>


<!--  end forgotbox -->

</div>
<!-- End: login-holder -->
</body>
</html>
```