Online Buying House Management System

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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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APPROVAL

This Project titled **"Online Buying House Management System**", submitted by Md. Omor Faruk and Shah Mahmud, 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 December 2018.

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DECLARATIONS

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

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ABSTRACT

This project has been developed by thinking on the industrial progression of Bangladesh, particularly Ready Made Garments Industry. To make a strong, steadfast and sophisticated platform for the buyers and sellers from home and abroad to deal with garments products easily. To order or get order both buyers and sellers will be registered merchant of our application. Industries owners/ sellers will be able to post their products here to advertise .Every buyers can see posted products, search products on their choice basis, communicate with the sellers/industries to bargain with the prices, qualities, quantities, colors, sizes etc whatever they exactly need to make the deal of the products .Both buyers and sellers will be star marked basis on their reputations. Buyers could be post a job to hire product makers/ sellers and then worthy people will accept the job based on buyers demands. Financial transaction will be done through us as a guarantee and we will work as a via of two parties. Buyers could easily order from any part of the world to get garments products of Bangladesh. We belief that this application will help our nation to prompt the garments business across the world as buyers could easily buy products and they not need to visit any industry and neither need to be harassed nor cheated by faulty businessman.

TABLE OF CONTENTS

LIST OF FIGURES

FIGURES **PAGE**

CHAPTER 1

INTRODUCTION

1.1 Introduction

This report will express all about the features and strategy to develop the application that we thought and worked step by step to reach in a final achievement. This statement particularly holds in details for the objectives, design model, scope, primary requirements and by end reporting and observing procedures which has been taken.

Dealing a business through online is a smart way comparing to the modern globalization. Almost all in every sector modern technologies are being used to get more facilities, reducing time duration, first and errorless communication in the specific field. Online Buying House application is one of the advanced applications which bring about excellent facilities for garments products businessman of domestic and international individuals. Here a buyer easily could hire a vendor by posting a job for his products and vendor who is capable of making the and delivery the products with the requirements will accept the agreement although multiple vendors will try to accept the deal but only one vendor could accept it by favor of buyer.

Sellers could easily post their existing products sample as all buyers could see the post with the sizes, colors, fabrics types and the cost per piece to get more buyers. Here, an international platform and environment will be created for garments business.

1.2 Motivation

To run and finish a job properly motivation works significantly. Motivation is the medicine of mental energy which helps to execute a task enthusiastically. Here are some points that has motivated us to develop this application.

Thinking on the modern business strategies, businessmen are moving to make deals through online.

Bangladesh is one of the biggest readymade garments products exporters in the Europe and America. This market is quite large and Bangladeshi readymade garments products have good reputation in the abroad. Buyers from these countries try to buy/ order with

their specific choice of products in a large quantity for business purpose. They search in a way which would be faithful and help them to get the retailer from Bangladesh to do the deal smoothly and easily. If such a field could be created Bangladeshi garments products will be more ordered from international buyer then this garments industry will be flourished and government will earn vast revenue finally our nation will be developed.

1.3 Objectives

This modern era is the golden time of communication that is mainly relying on information technology. The readymade garments products business will be quite easier to both buyer and seller in this sector.

All buyer and seller will be registered member of the system and to be registered they have to provide some verified accurate information. It is an automated system where thousands of buyers and sellers can make deal together. Buyers will be able to search the sellers/retailers/industries to get information that he needed to order products. Moreover, they could do rating a retailer after the deal and this rating will be a judgment depends on the retailer commitments and then it will be visible to all buyers. On the other hand, retailer could advertise their products here and poke the buyers to get attentions if the buyer previous orders and search are related with the retailer's advertisements. Personal messaging system is created for buyers and sellers to make good communication and statement for future uses.

In the admin part of module, administrator has the right to control the system. This application is firmly secured so that no one can entrance in the application without having registration which is required first. This application yield user authentication and it is evolved by Laravel framework, Php, CSS, JavaScript, Bootstrap, Git Installer, Laravel-html collective, Composer, AjaxControlToolkit.Installer.15.1.4.0, Crystal Report, and SQL Server2005.[1]

1.4 Expected Outcome

The expected outcome of Online Buying House is projected satisfactory.

- This application can be used from anywhere anytime if there is a internet connection and web browser because to run web application user location and additional software is not needed to download.
- As both buyers and sellers get rating marks after having a deal which bears their works dealing behaviors and reputations therefore they will maintain a better business environment to do more business in the future.
- Quality of the products will be tested before shipment, if the products are well enough to the requirement signed by the retailer then it will move to its destination, otherwise shipment will be banned and retailer will not get any payment.
- International brotherhood and friendship will be developed through the business.
- Buyer easily could trace the expected sellers/retailers.
- It may contribute to GDP (National Gross Domestic Product).
- Graphical User Interfaces (GUI) are very user friendly hence users will be enable operate this application easily.

1.5 Report Layout

- The inspection of the concept of rules, postulates and methods recruited by authority.
- The strategic study of concept have been put in inside the discipline.
- In a written record procedure to administration of the system which hold strategies, explanation, definition proficiency which is used to store, collect, research, analyze and manipulate information as portion of researching of the specific field.

CHAPTER 2

BACKGROUND

2.1 Introduction

This is the era of modern technology and most outstanding technologies formed on information technology. Every day we are using these technologies in daily necessary purposes. For instance: mobile phone, PC is using to communicate throughout the world. These technologies reduced our time and money cost and provided flexibility in life. People started to rely on these technologies greatly than previous days because of its vast uses and benefits. Doctors use technologies to diagnose disease and to provide treatment. Scientist uses it for their research works. Businessman uses it to promote their business as like advertising their products. Thinking on our garments business to promote internationally we enthusiastic to develop a platform where people can give order, get order in a large quantity of garments products to do business nationally and internationally without any harassment.

Online Buying House system will provide this environment to the buyer and seller where Bangladeshi garments industry will be more flourish, reputation and national revenue will enlarge, therefore we have decided to develop this application.

2.2 Related Works

Traditional buying house processes is one of the related one but its ordering process and industries exploration is not related with our system.

Our system mainly developed to introduce more buyer and sellers with their different qualities, choices, requirements and demands. It's mainly relates with freelancing applications.

For example, upwork.com, freelancer.com, guru.com etc. are providing platform to work globally where thousands of employee and employers gather together. Only qualified one get the job to complete and every works is concerned by authority and job providers too. [2]

Moreover, alibaba.com is one of top popular online business application which provides thousands categories of products all around the world but the difference between our application is, it will works directly between buyers and sellers.

Here is the traditional buying house steps flow diagram:

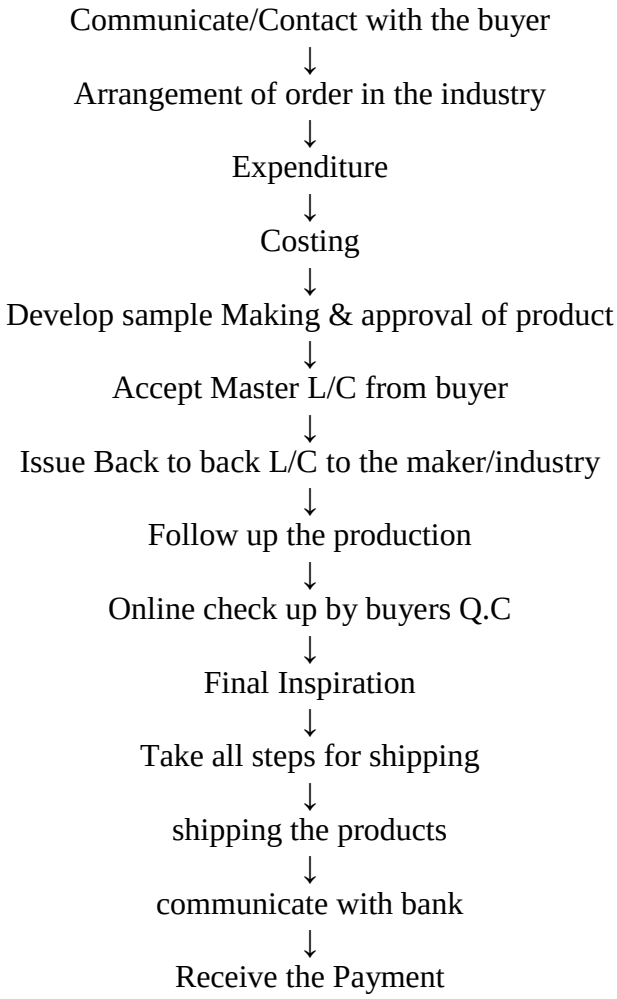

Figure 2.1: Flow Chart of Garment Buying House

2.3 Comparative Studies

In Bangladesh there are many online business applications where most of them are offering products to the consumer using different techniques to attract the client. Relating on garments industry, some we application offering garments products to the local people

very few of them hardly decorated to take order from foreign countries. Most of the owner thinks about the personal profit not about the national income and profit. [3]

Bangladeshi garments industry acquired extensive reputation and popularity throughout the world particularly in EU and USA. Clothes businessman from these country are very eager to order garments product in large quantity where most of them are habited to do business via online and the probably try to make business with Bangladeshi garments industries in online but seldom do it.

They always search for good manufacturer companies for their order but do not know exactly which industries truly meet the agreement from buyers. Here, we will try to provide them a platform as an international environment will be generated and buyers/sellers could do their business easily and smoothly.

2.4 Scope of the Problem

Foreign buyers hardly judge a manufacturer in the first glance of dealing a business. Someone cheat with the buyers and some buyers cheat with the buying house/manufacturer/seller due to misunderstanding and lacking to fulfill the requirements. By the way many manufacturer companies get shut down after counting loses from the buyers, besides many buyers move their order to other countries. Its happens only for scarce of a better environment for completing the business and a strong via should be needed who works as a interpreter for the deal.

Therefore, online buying house will provide them these type of supports and buyers, sellers easily get understand about each other visiting their profile where if they have done deal previously and star marking they have gained from the opposite buyers/sellers. Here they could easily choose the client make businesses. Bothe the buyers and sellers will try to keep a better relationship for their future agreement. Since every buyers/sellers are judged by their previous works, they hardly do anything wrong with each other while having the deal because both have the power to rating them. [4]

From this point of view we have decided to develop this application where both parties can do the business independently and our garments industry can get more reputation in

the world through these services. We hope that one day our application will contribute greatly to develop the Bengali nation.

2.5 Challenges

Like other good application development we have faced challenges during working with the idea for this application. It's difficult to understanding the taste of buyers and manufacturers in the beginning. We were not familiar properly this industry. By times we could understand nearly ins and outs for it.

We think one of the biggest challenges is to marketing it in locally and internationally. We need more manufacturers/sellers/industries and buyers actually for whom the application is developed. They are the heart of this application's main purpose. Besides, we have to understand their feedback what actually they wants in our application to make them easy to complete the business. Always we will try to priorities their demand first and make this application more users friendly. Moreover, it is hard to identify the real businessman during completing the registration.

However we have tried our best to fit all the requirements we committed early and in future we will develop it with modern technologies based on user's feedback.

CHAPTER 3

REQUIREMENT SPECIFICATION

3.1 Business Process Modeling

Business process modeling is the graphical representation of a company's business processes or workflows, as a means of identifying potential improvements. This is usually done through different graphing methods, such as the flowchart, data-flow diagram, etc. Business process modeling is usually used interchangeably with business process mapping. Process modeling software gives an analytical representation of 'as-is' processes in an organization and contrasts it with 'to-be' processes for making them more efficient. [5]

There are many benefits to business process modeling:

- Gives everyone a clear understanding of how the process works
- Provides consistency and controls the process
- Identifies and eliminates redundancies and inefficiencies
- Sets a clear starting and ending to the process

3.2 Requirement Collection and Analysis

The primary step of software design and development is requirement collection and analysis which is managed and organized step by step. Here we are analyzing our application that we have already developed to specify the objects we have required to develop it. There are two types of requirement, 1) functional requirement 2) nonfunctional requirement. The application performs activities directly is called functional requirement. On the contrary, non-functional requirement is the nature of a website, as like the application is how much adapt in performance issue of the application and so on. As it is an online buying house system, sellers and buyers will make business through online which is totally virtual. It has controlling system internally which will be

managed by an admin. Admin panel has separate user and password to access in the admin panel. Only registered buyers and sellers could have the business here. Buyer can post for works that means buyer post with the required demanding on his products and matched category sellers could see the post and can mail the buyer for the business. Both buyer and seller could provide rating marks to each other regarding on the business products and commitments. We have three types of login system these for admin, buyers and sellers.

The admin panel contain following things:

- Edit, delete, modify etc. in the database.
- Post provides by buyers are controlled by admin.
- Inspection of the products quality in the picture.
- Create new admin's username and password.
- Admin could see all the information of the application users.

3.3 Use Case Modeling and Description

A use case diagram is a dynamic or behavior diagram in UML. Use case diagrams model the functionality of a system using actors and use cases. Use cases are a set of actions, services, and functions that the system needs to perform. [6]

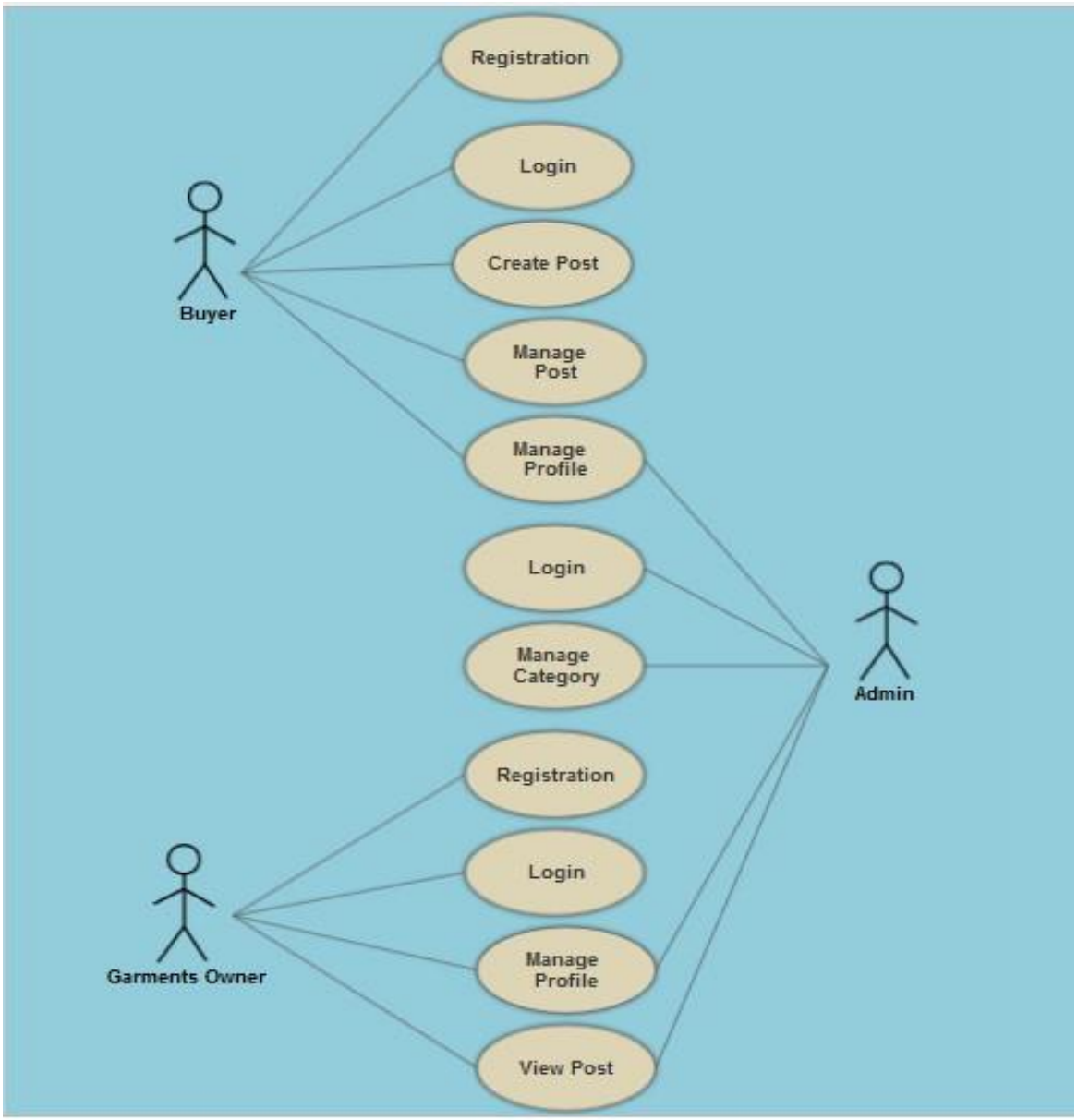

Figure 3.1: Use case Diagram for Online Buying House

3.4 Logical Data Model

A logical data model describes the data in as much detail as possible, without regard to how they will be physical implemented in the database. Features of a logical data model include [7]:

- Includes all entities and relationships among them.
- All attributes for each entity are specified.

- The primary key for each entity is specified.
- Foreign keys (keys identifying the relationship between different entities) are specified.
- Normalization occurs at this level.

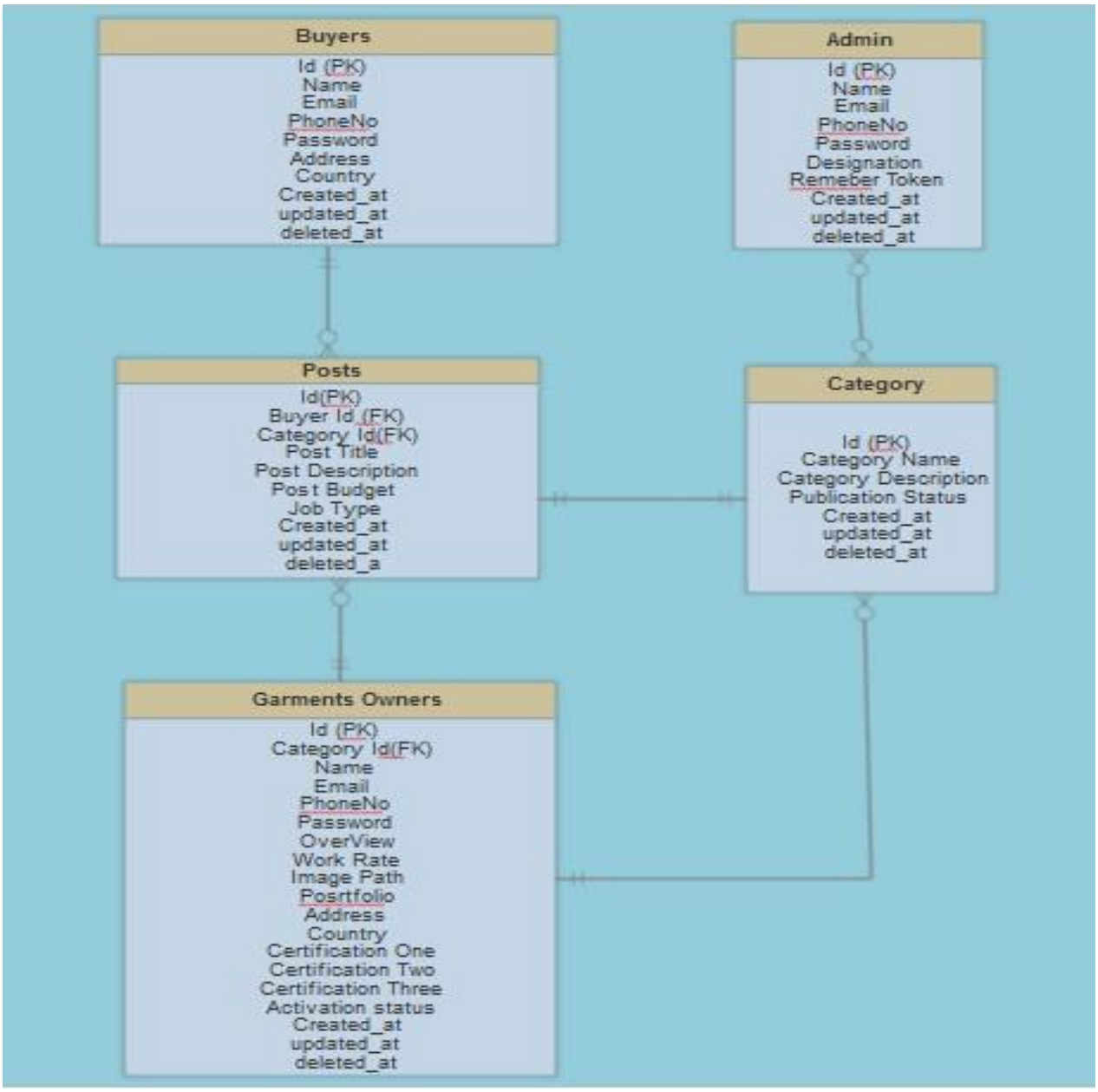

Figure 3.2: Logical Data Model for Online Buying house

3.5 Design Requirement

Design requirements are the explicit goals that a project must achieve in order to be successful. In recommendation and feasibility reports, especially, the design and decision criteria determine the document's final recommendation for action. Managers use these criteria as their basic tool in evaluating a project's potential for success and how well it fits into the goals of the organization. Experts need explicit design and decision criteria in order to evaluate recommended designs of devices and test procedures.

Design requirements can be divided into primary and secondary requirement. Primary requirements are those that constitute a successful project; the project will be unsuccessful if it does not meet these goals. Secondary requirements are those features that are highly desirable but not absolutely essential. Separating primary and secondary requirements establishes a clear hierarchy in design choices. Often, implementing one criterion makes the implementation of another infeasible or costly, or a secondary criterion may be sacrificed in favor of a primary criterion. [8]

CHAPTER 4

DESIGN SPECIFICATION

4.1 Front-end Design

The front-end is essentially the part of an app that users can see and interact with, including images, buttons, menus, transitions, etc. The front-end is the most superficial "layer" within an app and is made of images and objects that contain no information or are able to work by themselves. Front-end web development is the practice of converting data to graphical interface for user to view and interact with data through digital interaction using HTML, CSS and JavaScript. Somewhere between design a world of personas, pixels, and polish and engineering a world of logic, loops lies frontend design**.** Frontend design involves creating the HTML, CSS, and presentational JavaScript code that makes up a user interface.

HTML

HTML is at the core of every web page, regardless the complexity of a site or number of technologies involved. It's an essential skill for any web professional. It's the starting point for anyone learning how to create content for the web. And, luckily for us, it's surprisingly easy to learn.HTML stands for HyperText Markup Language. "Markup language" means that, rather than using a programming language to perform functions, HTML uses tags to identify different types of content and the purposes they each serve to the webpage.

CSS

CSS stands for Cascading Style Sheets. This programming language dictates how the HTML elements of a website should actually appear on the frontend of the page.HTML provides the raw tools needed to structure content on a website. CSS, on the other hand, helps to style this content so it appears to the user the way it was intended to be seen. These languages are kept separate to ensure websites are built correctly before they're reformatted.

JavaScript

JavaScript is a more complicated language than HTML or CSS, and it wasn't released in beta form until 1995. Nowadays, JavaScript is supported by all modern web browsers and is used on almost every site on the web for more powerful and complex functionality. JavaScript is a logic-based programming language that can be used to modify website content and make it behave in different ways in response to a user's actions. Common uses for JavaScript include confirmation boxes, calls-to-action, and adding new identities to existing information. In short, JavaScript is a programming language that lets web developers design interactive sites. Most of the dynamic behavior you'll see on a web page is thanks to JavaScript, which augments a browser's default controls and behaviors. [9]

In our project we are applying this language for designing the frontend part. JQuery technology is used for user friendly.

4.2 Back-end Design

The back-end, also known as CMS (content management system) or back office is the part of the app that remains hidden to users. Its job is to 1) access the information that users require through the app, 2) combine and transform such information, and 3) return the information in its new shape to the requester. To put it another way, the back-end makes its entrance into the app in order to give life to the front-end.

Duties and Work Processes of the Back-End

- Access the Information Users Require through the App. Regardless of the nature of the product, users continuously ask for data when using an app. This is true whether it’s a “get-nice-info” app that shows public transit maps and timetables or a kids’ game that allows users to make their own Barbie dolls.

- Combine the Information Gathered and Transform It. The data or information that is required for an app to work can come from lots of different places, which are known as databases. At this point, the duty of the back-end is to find the specific information the user needs within the various databases which are enormous, by the way and then combine it in a way that provides useful results.
- Give the Information Back to the User. Finally, once the back-end has gathered and combined all of the information requested, the data must be sent to the user. The back-end needs "translators" to be able to translate the pure code into a human language. Here come the famous APIs and the front-end, anew. [10]

4.3 Interaction Design and UX

Interaction design offers yet another way of considering your audience. From a design standpoint, it is an important concept that falls under the user experience umbrella. However, interaction design also branches into other areas such as content strategy, visual design and information architecture. Interaction design addresses the communication between a company's products and users. [11]Here are some of the basics of interaction design that you should be aware of from the easy to the complex. Interaction design has five basic principles or what developers often call dimensions. These is very important for developers often call dimensions. These are:

- Words
- Visual Representations
- Physical Objects or Space
- Time
- Behavior

Words

We may think writing is putting one word in front of the other, but there is a lot to consider when we choose our words. Use them well, and users will organically experience a positive way of interacting with our business.

Visual Representations

Visuals in the digital space include anything that is not a word, such as typography, photography, icons, diagrams and any graphical elements. Images are the first way to grab a user's attention. Visual representations are, indeed as powerful as words. Users should be able to interact with them seamlessly using only their intuition.

Physical Objects or Space

Creating good visuals is essential, but if you do not put them in the right place, they will not have the same impact. Cluttered web design will affect the interaction negatively, as it makes it harder for users to interact with the different elements of websites.

Time

Time dimension refers to the idea that media may change over time, and that motion and sound can and do play a crucial role in how a user navigates and interacts with a product

Behavior

Interaction design pays attention to how users perform actions on websites. The behavior dimension also looks at emotional feedback from the users and forms new recommendations from feedback to enhance the user experience. [12]In our project, the user interface is more than user friendly. User can interact this very fluently.

4.4 Implementation Requirements

An implementation in computer science is the realization of a technical identification. Implementation be composed of algorithm of the application and deployed through computer programming language. Already we have noticed that web browsers are implemented such a way that can access World Wide Web through internet. Software development tools contain structural programming language.

CHAPTER 5

IMPLEMENTATION AND TESTING

5.1 Implementation of Database

The implementation phase is where we install the DBMS on the required hardware, optimize the database to run best on that hardware and software platform, and create the database and load the data. Tune the setup variables according to the hardware, software and usage conditions. Create the database and tables.

5.1.1 Database Design

A good database design starts with a list of the data that you want to include in your database and what you want to be able to do with the database later on. This can all be written in your own language, without any SQL. In this stage you must try not to think in tables or columns.

Designing an efficient, useful database is a matter of following the proper process, including these phases:

- Requirements analysis, or identifying the purpose of your database
- Organizing data into tables
- Specifying primary keys and analyzing relationships
- Normalizing to standardize the tables.

5.1.2 Database Management System

A database management system (DBMS) is a software package designed to define, manipulate, retrieve and manage data in a database. A DBMS generally manipulates the data itself, the data format, field names, record structure and file structure. It also defines rules to validate and manipulate this data. A DBMS relieves users of framing programs for data maintenance. Fourth-generation query languages, such as SQL, are used along with the DBMS package to interact with a database.

Some other DBMS examples include:

- MySQL
- SQL Server
- Oracle
- dBASE
- FoxPro

5.1.3 MySQL

MySQL is the world's most popular open source database, enabling the cost-effective delivery of reliable, high-performance and scalable Web-based and embedded database applications. MySQL is developed, distributed, and supported by Oracle, and the latest information about MySQL software can be found on the MySQL website. The MySQL database provides the following features: [13]

- High Performance and Scalability to meet the demands of exponentially growing data loads and users.
- Self-healing Replication Clusters to improve scalability, performance and availability.
- Online Schema Change to meet changing business requirements.
- Performance Schema for monitoring user- and application-level performance and resource consumption.
- SQL and NoSQL Access for performing complex queries and simple, fast Key Value operations.
- Platform Independence giving you the flexibility to develop and deploy on multiple operating systems.
- Big Data Interoperability using MySQL as the operational data store for Hadoop and Cassandra.

XAMPP version 3.2.2 are used for local server. Our database design are given bellow:

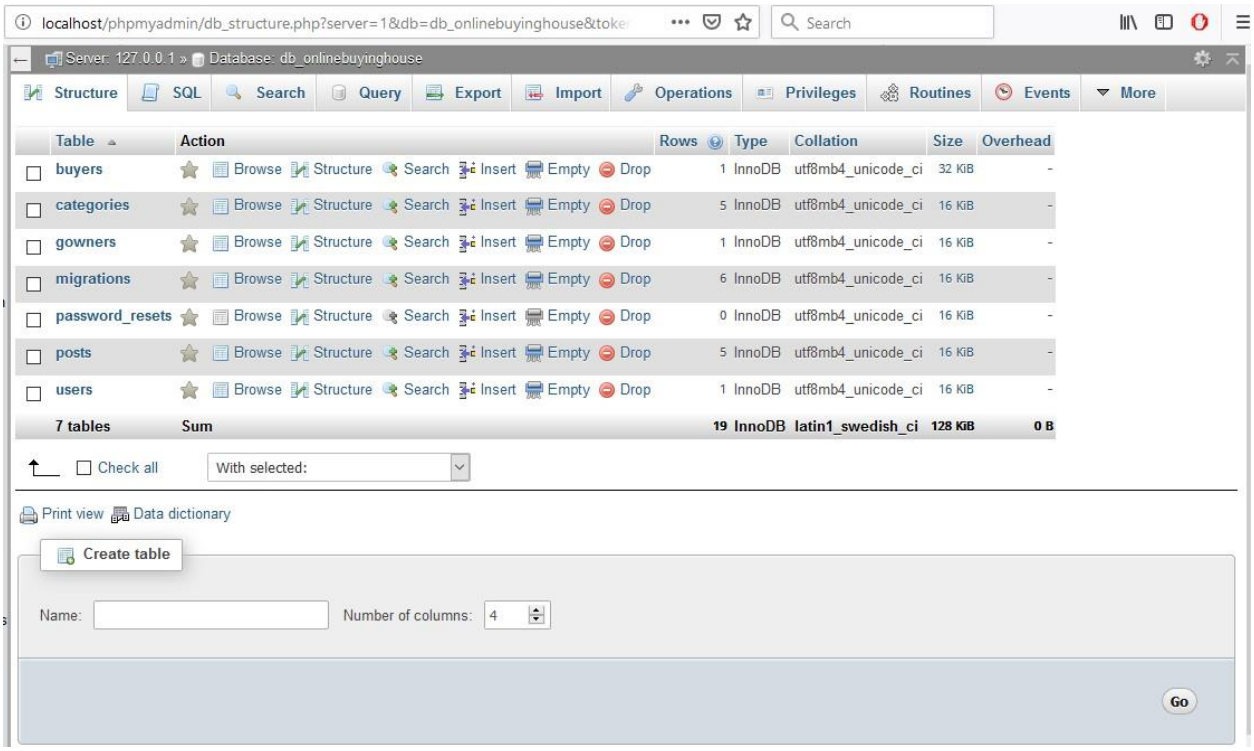

Figure 5.0: All table's Structure in Database

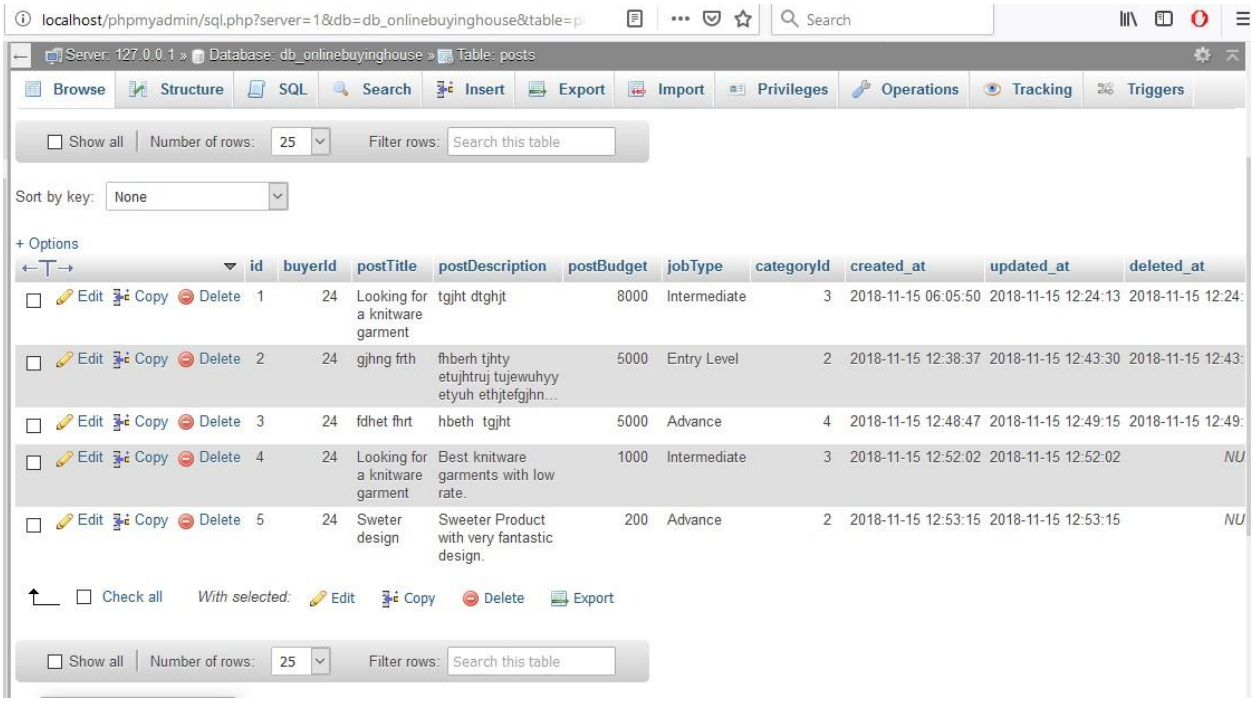

Figure 5.1: Posts Information Table

5.2 Implementation of Front-end Design

A user friendly frontend design are made for both of users and admin. Markup language are used for make a structure of the project. Bootstrap is a frontend framework that is used for frontend design. For making user friendly, we also used Jquery, the library of javascript language. The portion of authentication, we used Jqeury for validate email, password. Password and confirm password are validated by jquery library. Every image are resized for the demand of frontend design. This project is also responsive for using in any device. [14]

5.3 Implementation of Interaction

Interact website means a website which can interact with users. In our project user can interact with server.

In the project, buyer can registration with a unique email id and login with this id and password. Email and password are matched with existing email and password which are saved in database. When buyer create a post then the post store in database server and when garments owner want to see job post then the post is showed from the database.

5.4 Testing Implementation

When a programmer start coding to develop software as like it is designed, then we call it the implementation of a system. Besides, it can be say that the understanding of a system or prosecution of a proposal, recommendation, design, model, statement, policy, algorithm where every task is executed on the demand on requirement. Implementation more refers with the definition of computer science is to understanding algorithm, programming logic and other components that are required to complete the application. For instance, web based application development needs knowledge on WWW (World Wide Web) and desktop, mobile based applications need deep knowledge in these field and devices.

We have tested our application using four steps which are described below:

- Unit test: Here, each tiny portion of a function is tested.

- Module test: Every function, class and procedure we have checked and tested of our application.
- Functional test: we looked on the output of every function's and its functionality.
- User acceptance test: we chose several general people to use our application for few days then get respond from them about the activeness of the application that its works properly. Finally we come in a decision our application completed.

It is a procedure to check the accurateness of the computer program. Only a proper testing helps to develop an application without bug free accurately. It is necessary to guidance a system to develop in a way which fulfill the requirement and helps to remove illegal, bad users input too. Besides, it helps to ameliorate the application quality and aid of maintenance. Testing start from the beginning of implementation the application and runs till the finishing point of the application. All variables, functions, classes etc are tested so that there will be no bug in future while the application will be used by the people after its release.

5.4.1 Black box testing

Black box testing is a procedure of software testing that scrutinizes the functionality of an application instead of squinting in its inner works. In this testing perspective allow the programmer obtain the input conditions which will completely work all demand for a program. In Black box testing application is utilized over a full scope of inputs/outputs for correctness. It generally helps to encounter this type of fallacy:

- Missing or incorrect functionalities.
- Graphical User Interface errors.
- Fallacious in data structure and outer database entrance.
- Performance and response errors.
- Terminations and initializations errors.

5.4.2 White box testing

Another name of white box testing is Glass box testing is a test case design power. The construction of the technique design is to obtain test cases utilizing White box testing methods. A software engineer can extract the test cases that assurance that all

individualistic paths in the module have been trained at least once. Programmer has to practice all logical commitment on their true or false sides and prosecute all loops in the function to check their outputs. Examine inner side data structure and algorithm to sure of the validation of the functions.

5.4.3 Strategies of Software testing

Software testing includes three types of techniques. These are:

- Unit testing :

  It regards the accurateness of every program of the application and fulfills the demand. Each unit of functions, classes is tested with intensive care and this first step guarantee to testing all functionalities too.

- Integration testing:

  In this testing step every module is combined together and then tested as a group and happen after unit testing but before validation testing. It conveys a result regarding its requirement.

- Acceptance testing:

  After passing the unit testing, integration testing then it is time to acceptance testing. In this step it will be accepted if all requirement is fulfilled that is provided by client. If it passes then application is nearly ready to hand over.

  Software should be tested completely before releasing it in the market as there are no possibilities to occur any bugs or errors while general people conduct with it. Using several wrong inputs in the data field to get output or hamper the application should be tested. Now, it is turn to test cases, where 10 test cases are survey and inspect if the tested output results are right or wrong. [15]

5.5 Test Results and Reports

Test result is a document that records data obtained from an evaluation experiment in an organized manner, describes the environmental or operating conditions, and shows the comparison of test results with test objectives.

Test Report is needed to reflect testing results in a formal way, which gives an opportunity to estimate testing results quickly. It is a document that records data obtained from an evaluation experiment in an organized manner, describes the environmental or operating conditions, and shows the comparison of test results with test objectives.

Here we show total implementation test results of the project and screenshots of report. These screenshots are given below:

Three users like buyer, garments owner and admin. Screenshots are designed by pattern of three users.

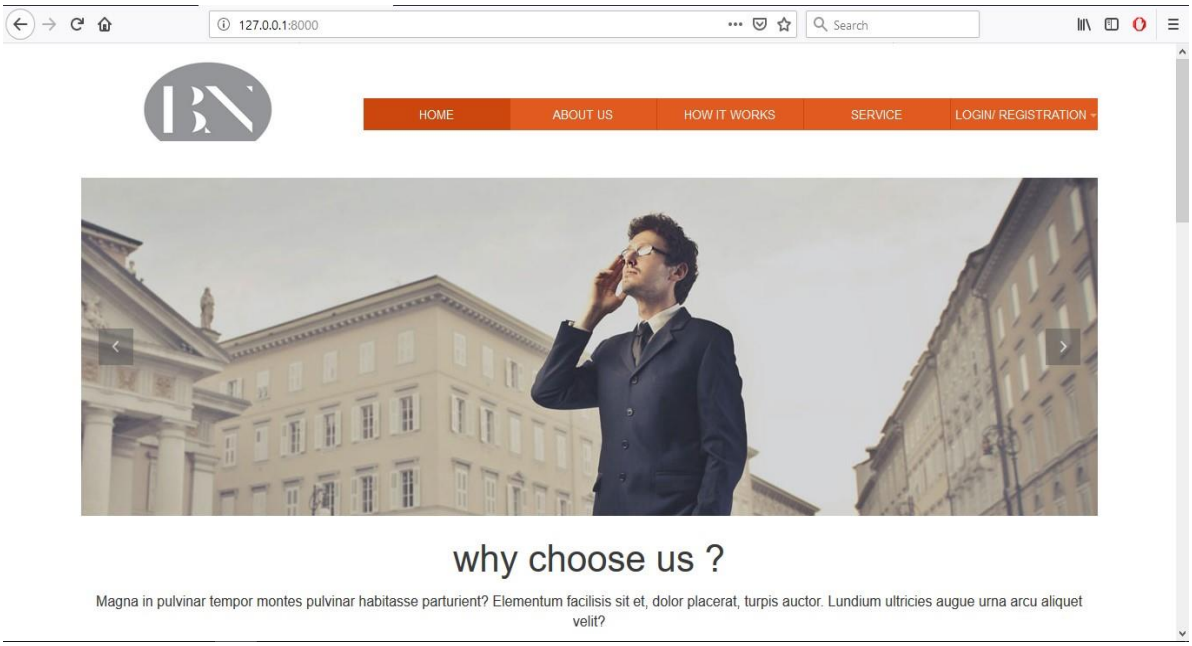

Figure 5.2: Home page

Functionality:

Main url show home page where show menu bar and user can access from that.

Operation Flow:

- About us page show the details of company.
- How it works show the full instruction for buyer and garment's owner.
- By press service button user can see which type of service are been get from this website.

Buyer

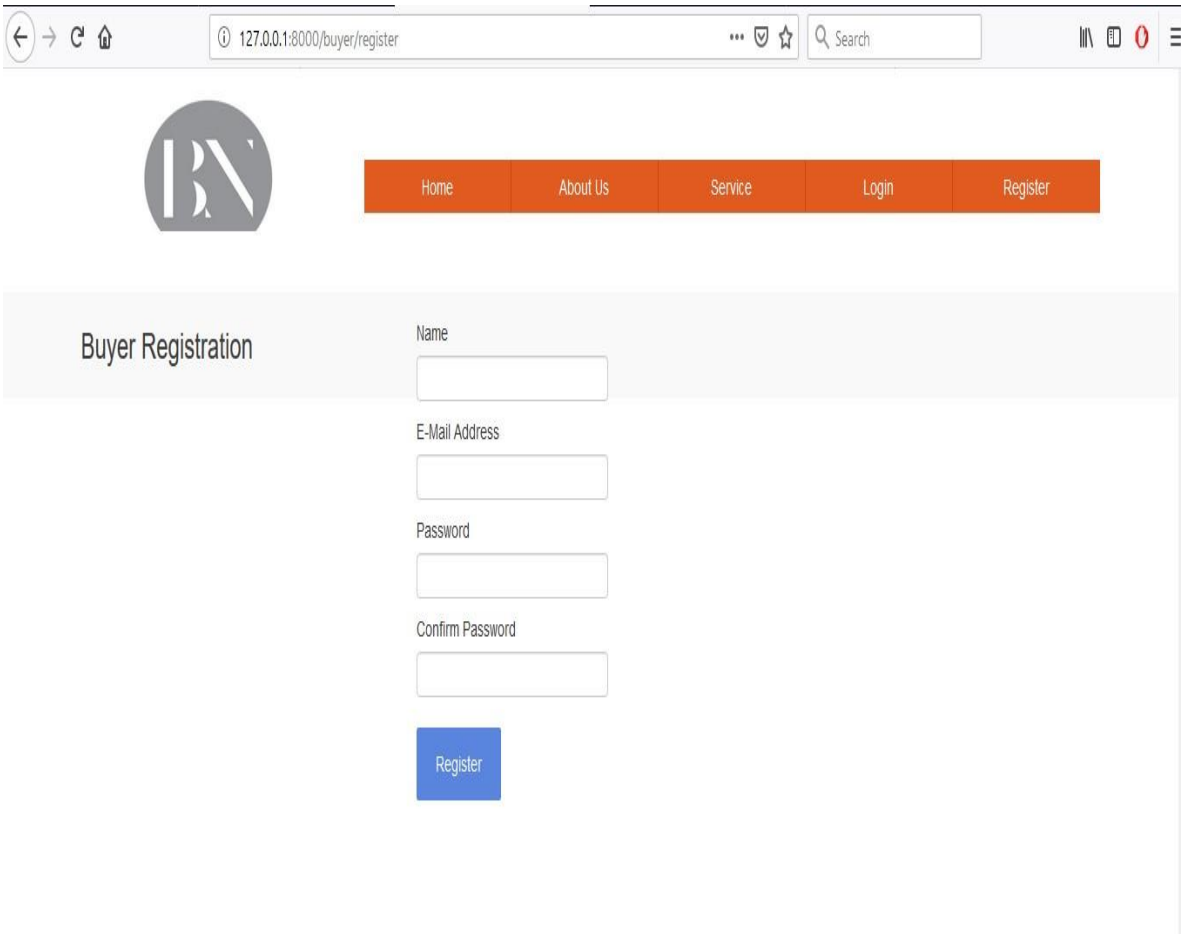

Figure 5.3: Buyer Registration Form

Functionality:

Buyer access all work by registering this website.

Operation Flow:

- Here all field are validate. Email is validated by set email type.
- Password is hidden. Password and Confirm password should have matched.
- After registration got to dashboard.
- By registration create a data field for unique user as a buyer.

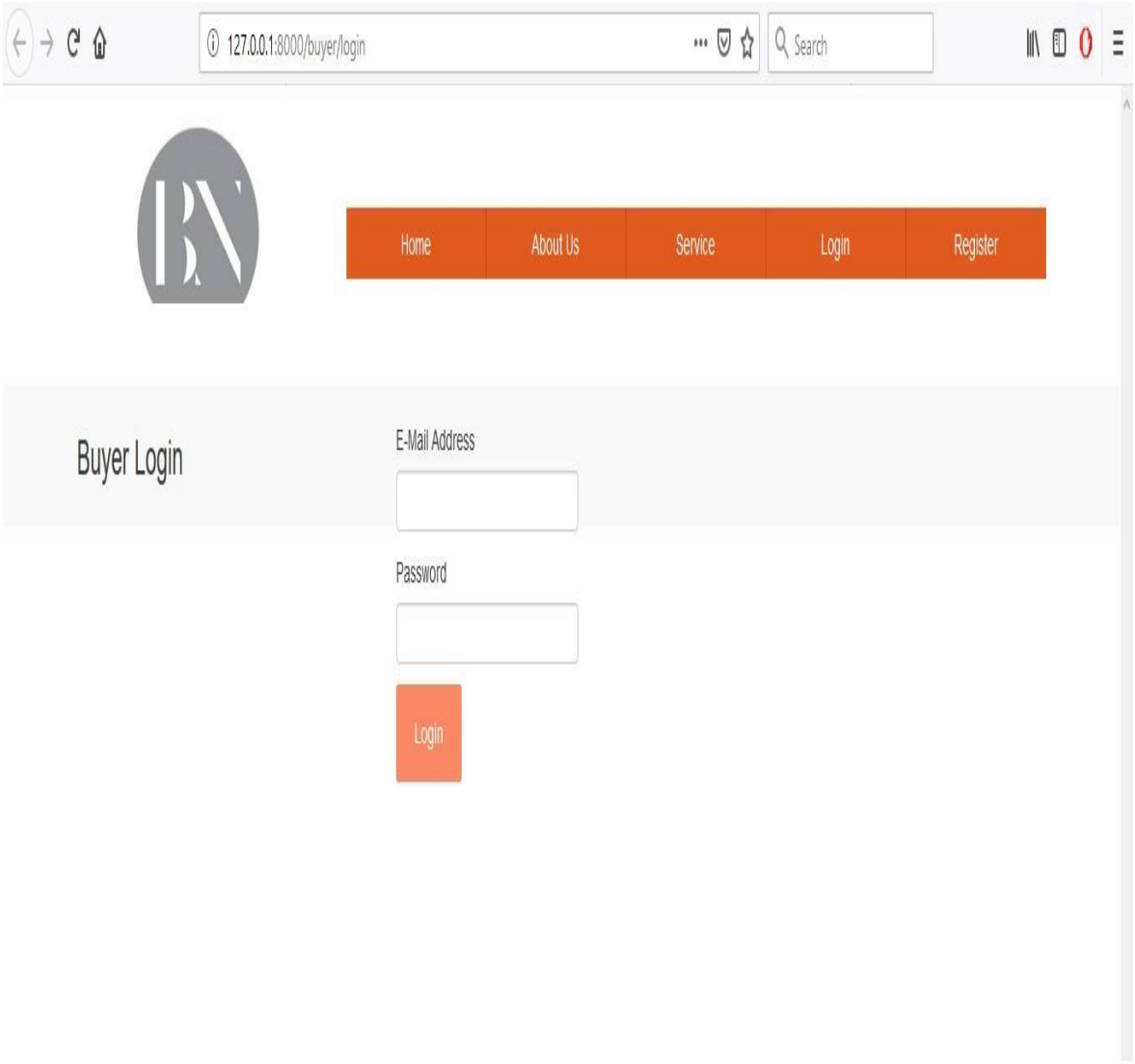

Figure 5.4: Buyer Login Form

Functionality:

Buyer need an email and password for login.

Operation Flow:

- Buyer give an email that may have email type.
- First matched email, if wrong, send an error message.
- After checking email, password are matched.
- If password wrong, send an error message.

Figure 5.5: Buyer Dashboard

Functionality:

This page access after login or registration.

Operation Flow:

- In dashboard, buyer can maintain all functionality as a user.
- In menu bar, show job posts and mange posts.
- Buyer user name are shown in right side of menu bar.

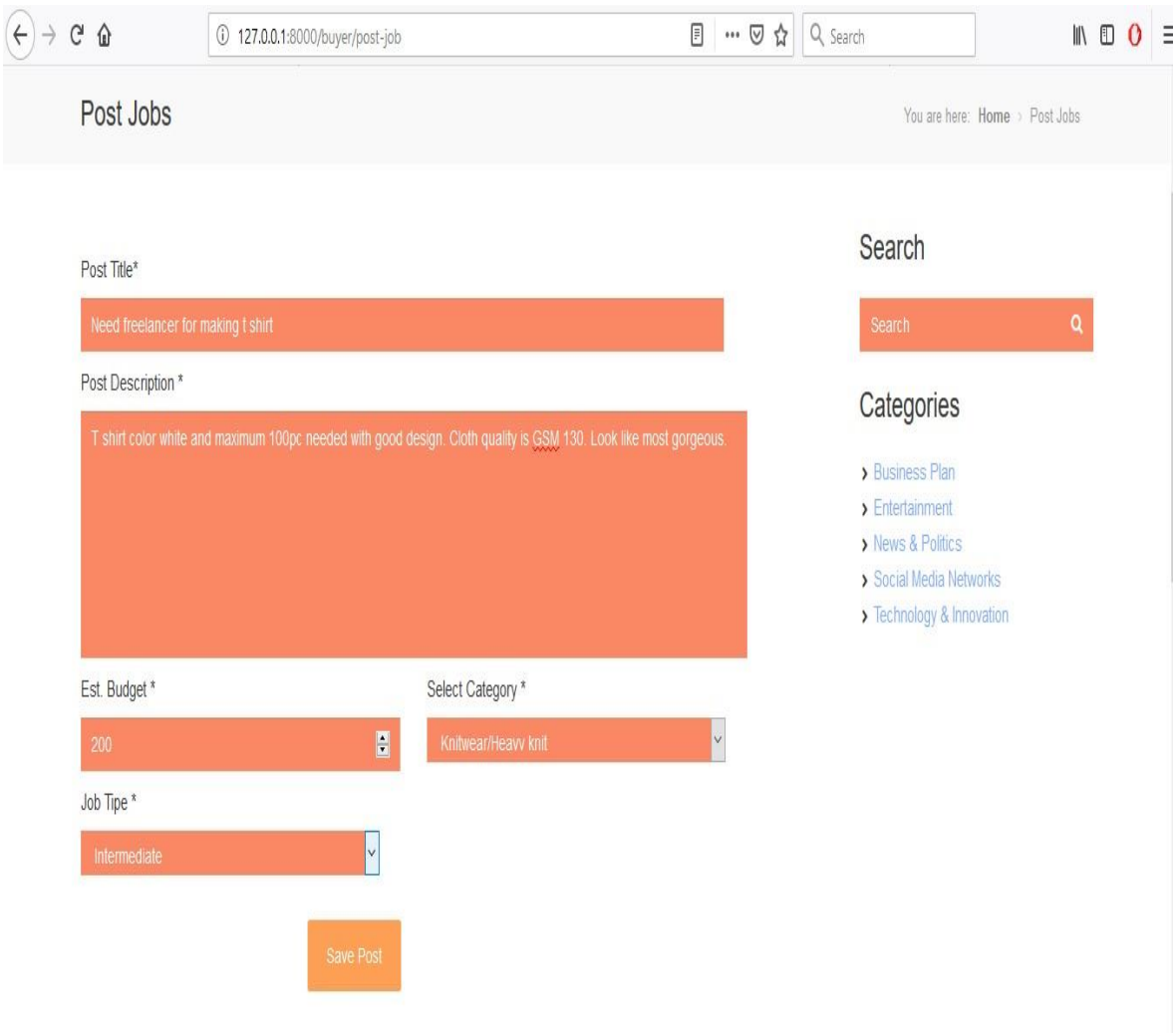

Figure 5.6: Job posts as a Buyer

Functionality:

This page also accessed after login. By save this form garments owner get a job post.

Operation Flow:

- Fill job title and job description that is your demand.
- Select estimated budget which is approximate cloths price.
- Select category which is set by admin.
- Job type means which type of garments user prefer.

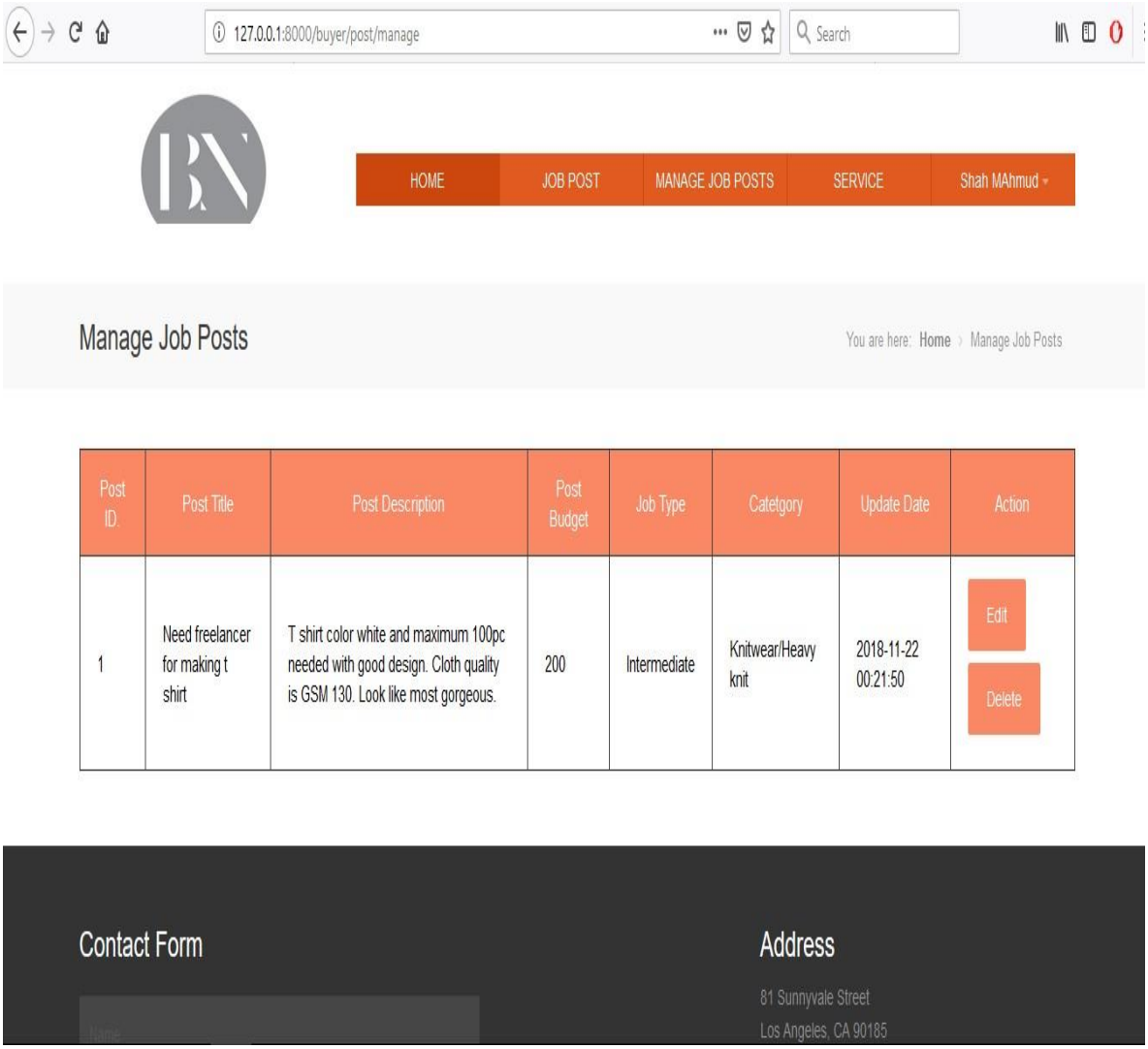

Figure 5.7: Manage posts as a Buyer

Functionality:

This page also accessed after login. User can edit post and delete post.

Operation Flow:

- Buyer show all of posts that can save.
- Two option edit and delete function.
- Click edit button go to edit page.
- Click delete button then ask to confirmation of delete.

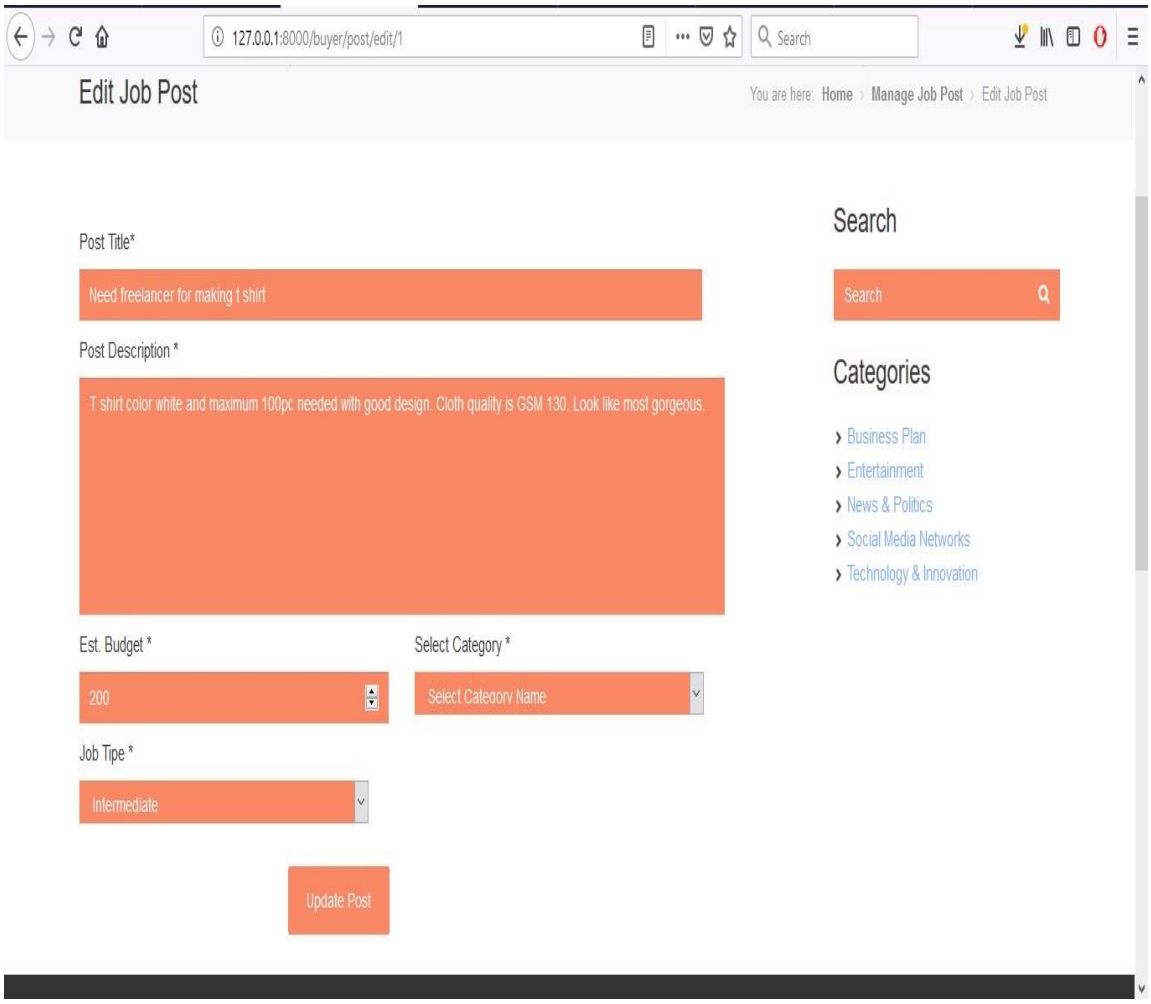

Figure 5.8: Edit post as a Buyer

Functionality:

This page is also accessed after login. User can edit post.

Operation Flow:

- Buyer show all of fields with existing dat.
- Reset data.
- Click update post button.
- All data are updated in the database.

Garment's Owner

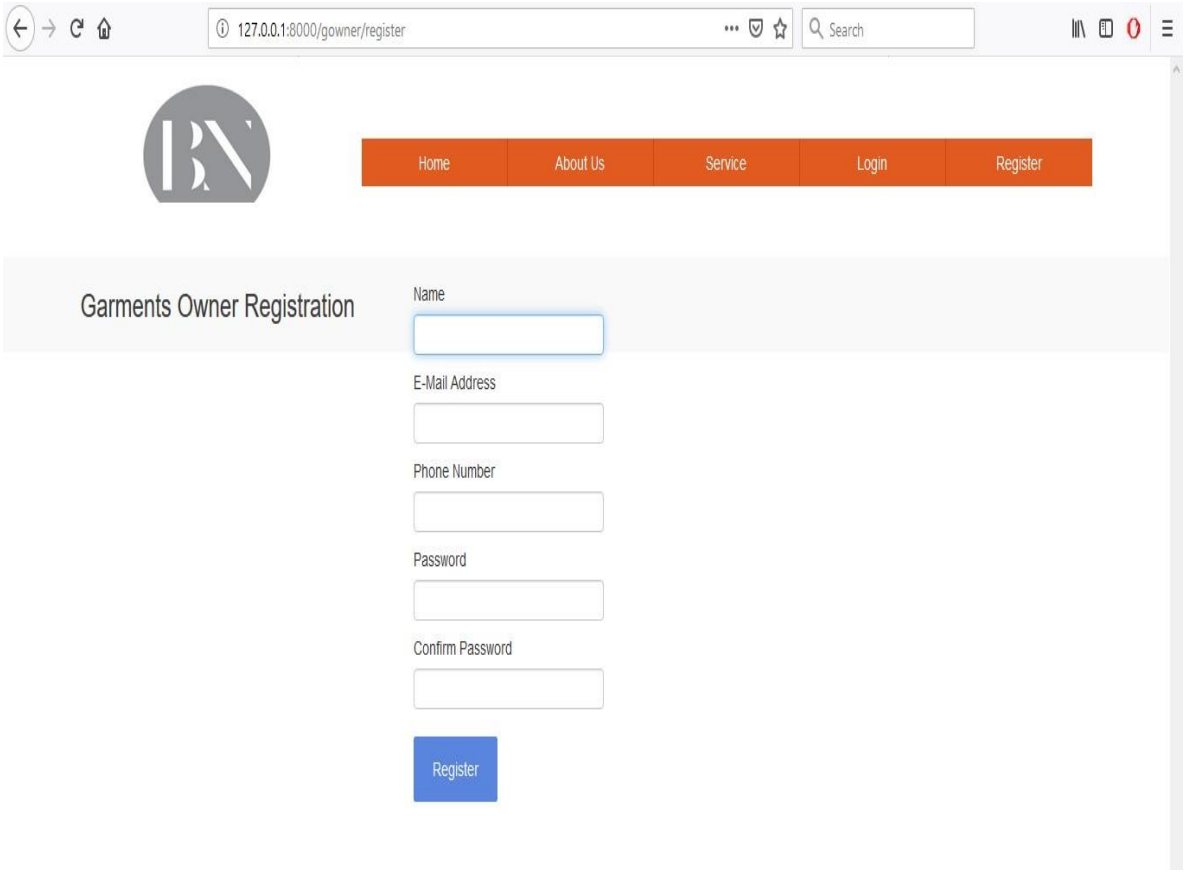

Figure 5.9: Garment Owner Registration Form

Functionality:

Garments owner need to registration for access as a user.

Operation Flow:

- All fields are validated.
- Email is validated by email type.
- Phone number is no longer 11 characters.
- Password and confirm password should have matched.

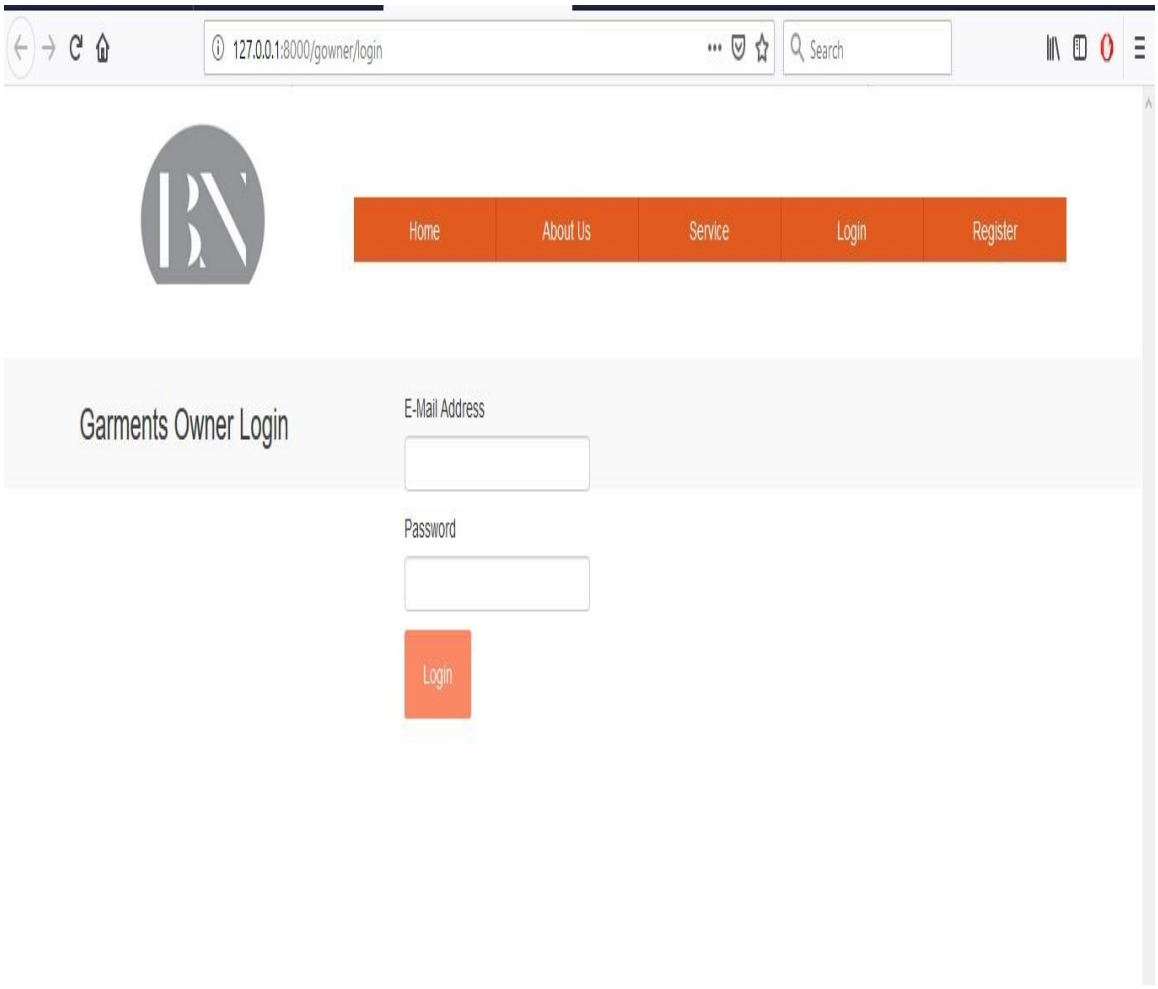

Figure 5.10: Garment Owner Login Form

Functionality:

This page is login page. After login go to dashboard.

Operation Flow:

- Set email and password to login.
- Firstly check email, if wrong send error message.
- Secondly check password, if wrong send error message.
- After login go to dashboard.
- In menu bar, user can access only register button.

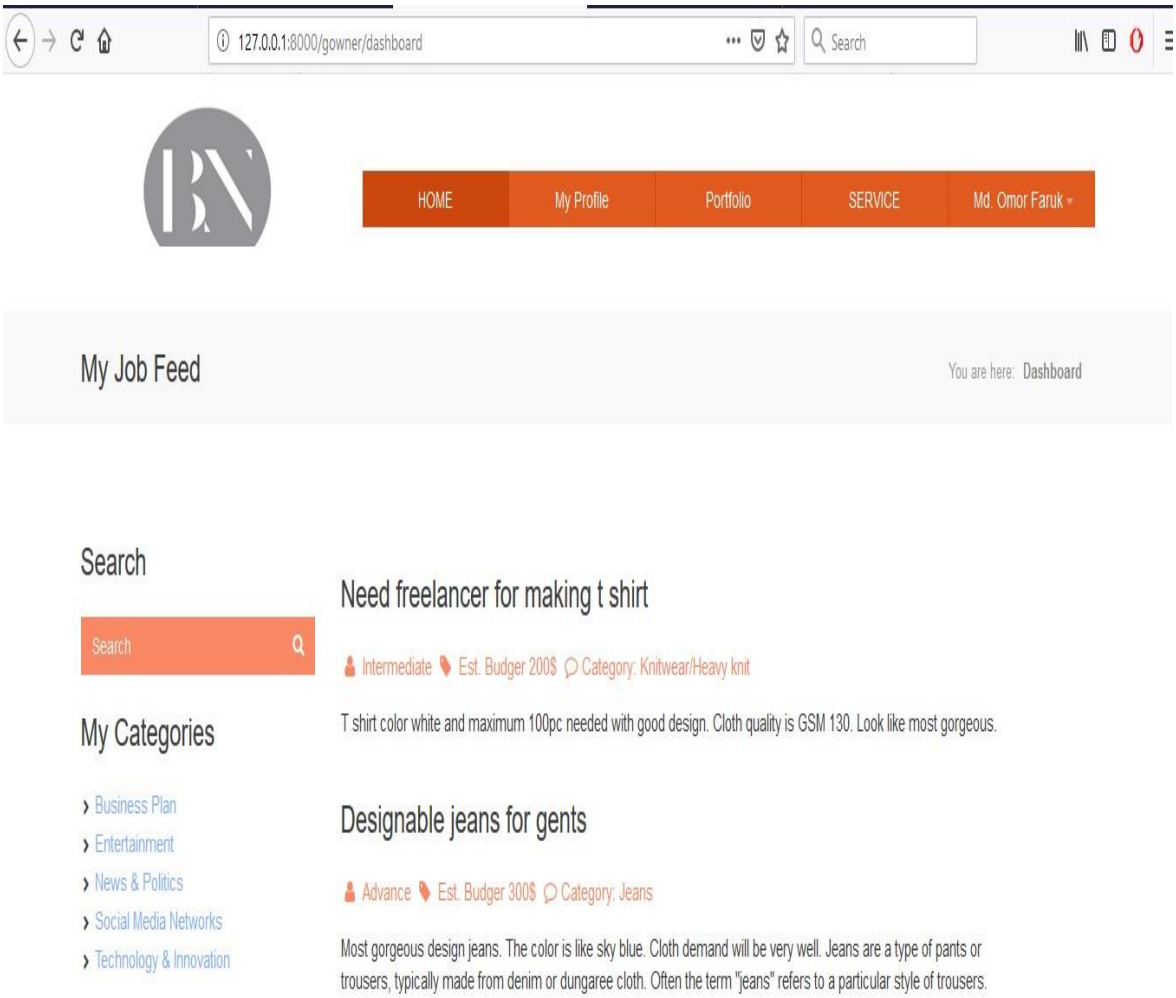

Figure 5.11: Garments Owner Dashboard

Functionality:

This page is accessed only after login as a garments owner.

Operation Flow:

- Show user name in menu bar.
- In main content, show many posts which is posted by buyer.
- In right side, show categories.

Figure 5.12: View Profile as a Garment's Owner

Functionality:

Call garments owner table by using email id which is set in session.

Operation Flow:

- Show all data of user.
- Image is loaded from the path of image directory.
- Image name is changed and set user name.

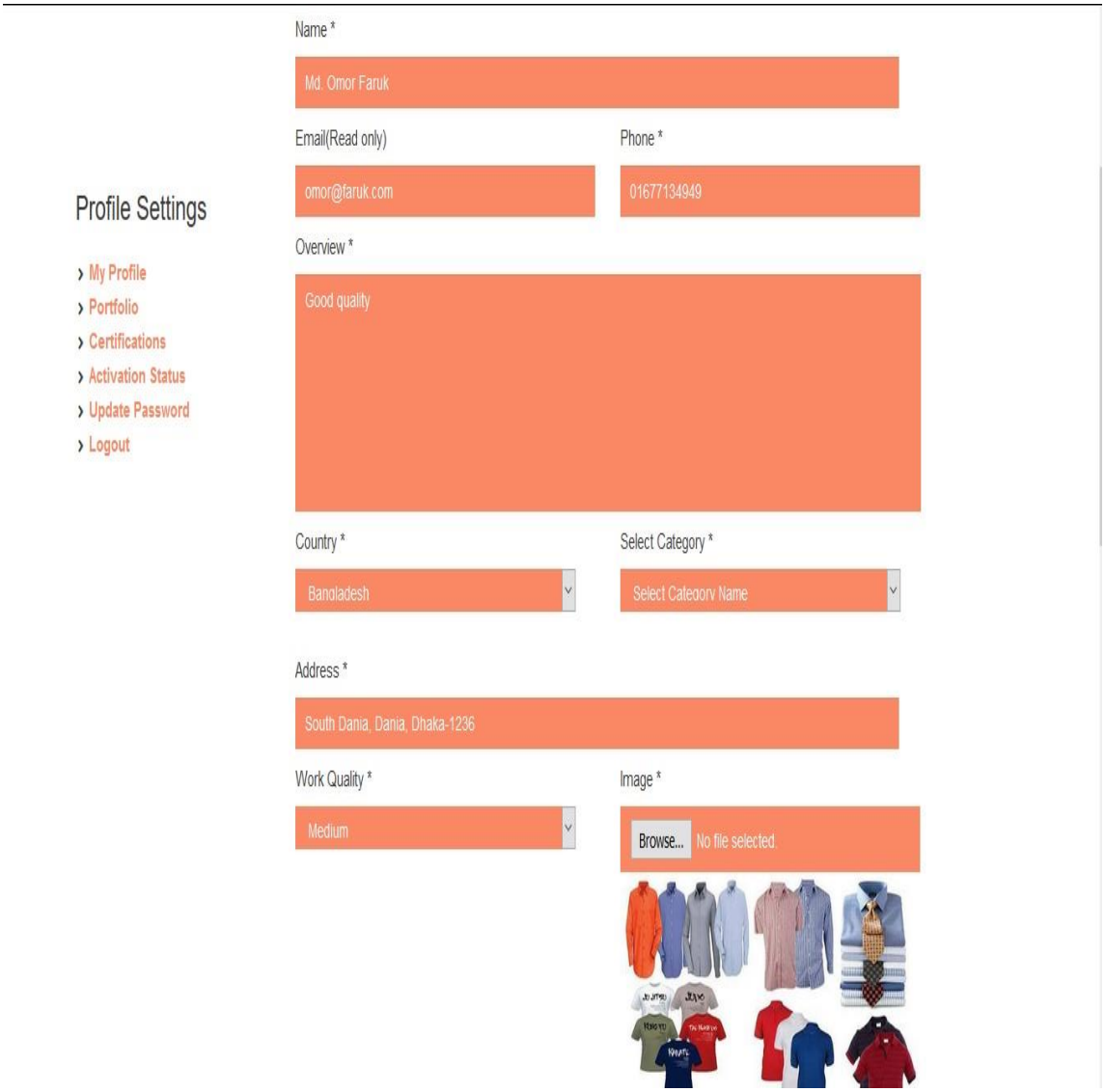

Figure 5.13: Edit Profile as a Garment's Owner

Functionality:

Call all data of user table and show in form for updating data.

Operation Flow:

- If image not set then existing image save.
- Work quality means which type of work are done by garments owner.
- After press update profile, data are updated in database.

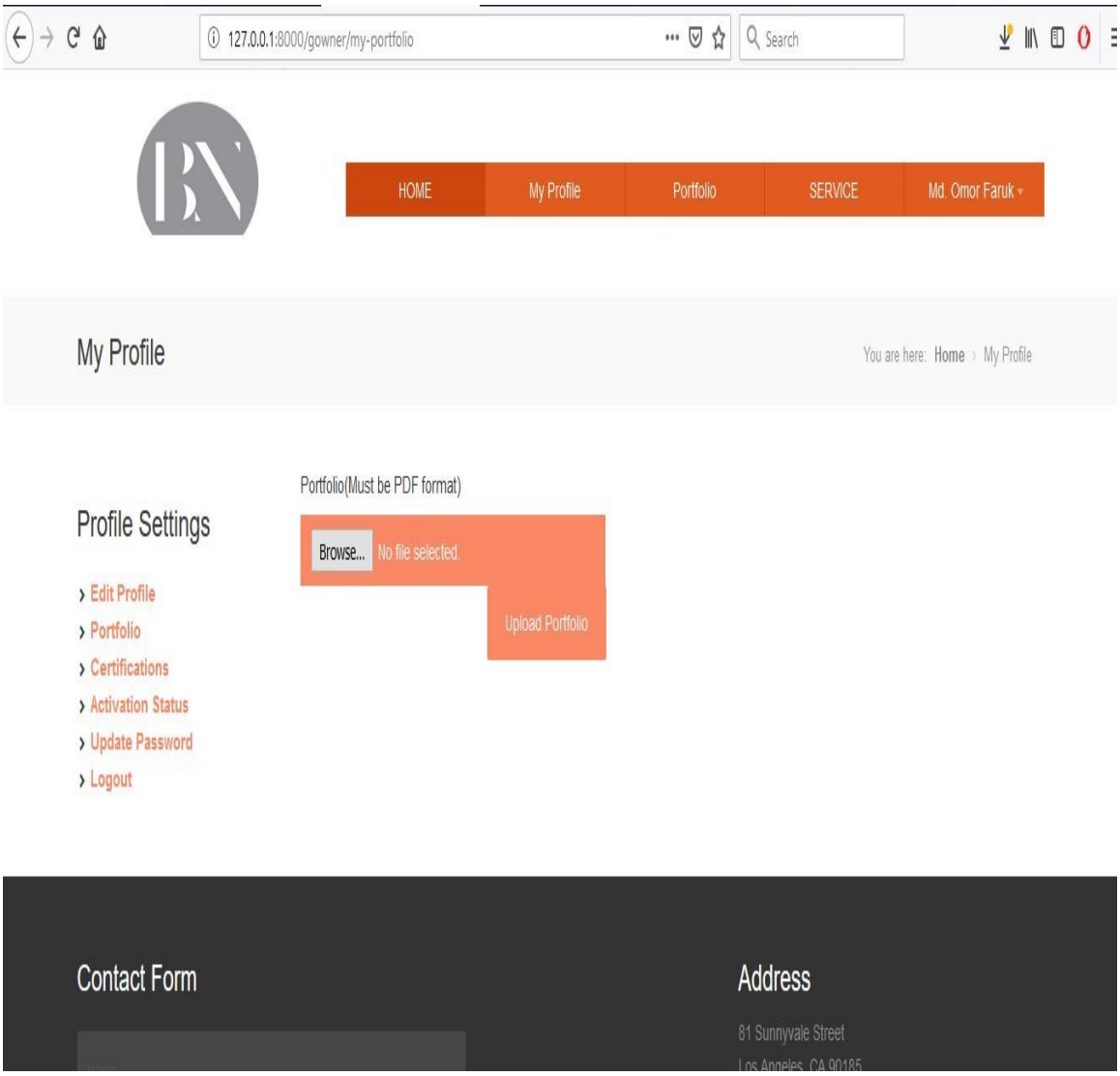

Figure 5.14: Portfolio Update as a Garment's Owner

Functionality:

Save pdf file in directory and the path of file save in database.

Operation Flow:

- If existing portfolio set, then download that file.
- Press browse to upload a pdf file.
- If press upload portfolio, then save the directory path in database.

Admin

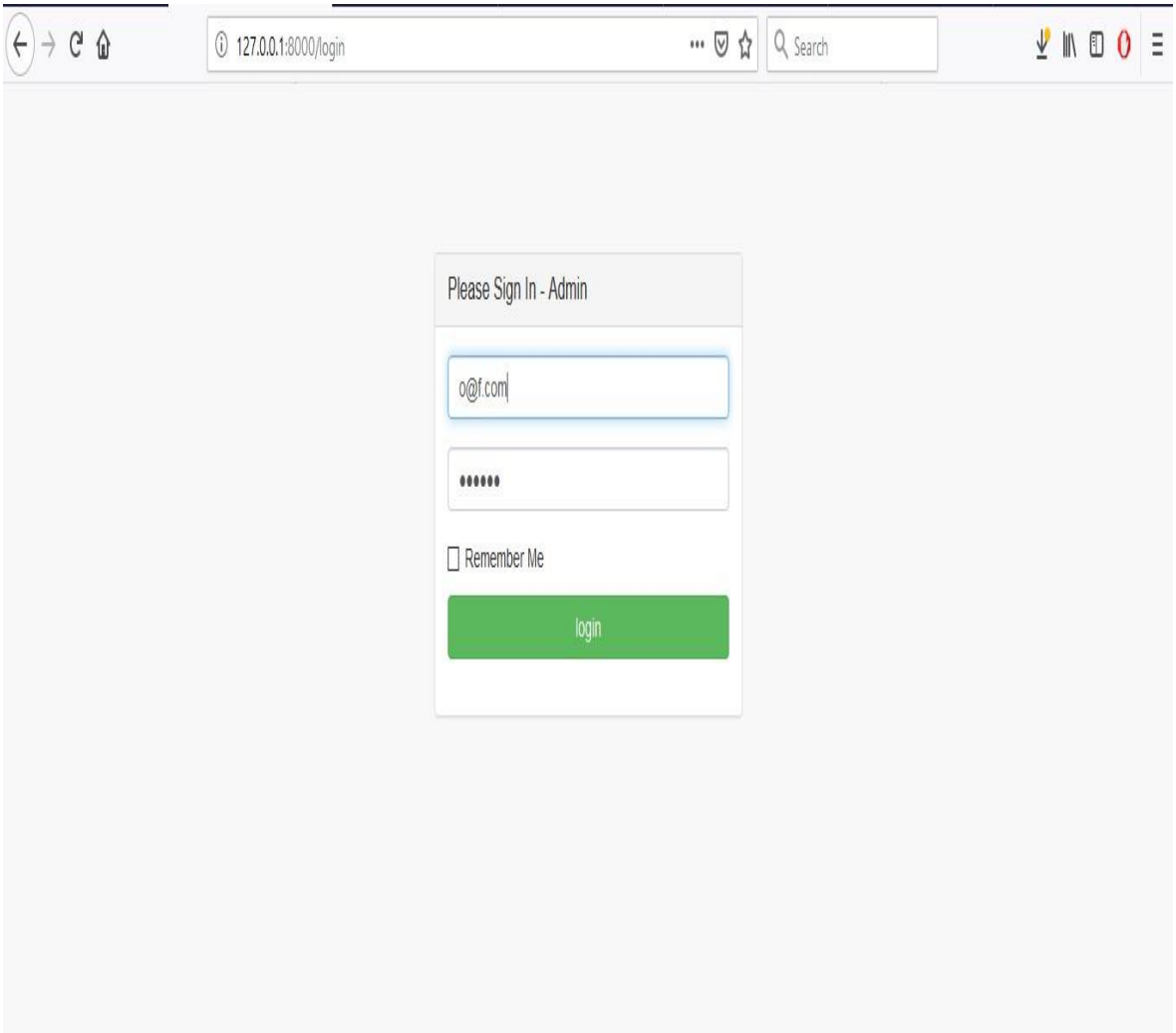

Figure 5.15: Admin Login Form

Functionality:

Match email and password to login. After login, admin can access to go to dashboard.

Operation Flow:

- Email and password is validated.
- If wrong data, send an error message.
- After login go to dashboard.
- Put user name at Session.

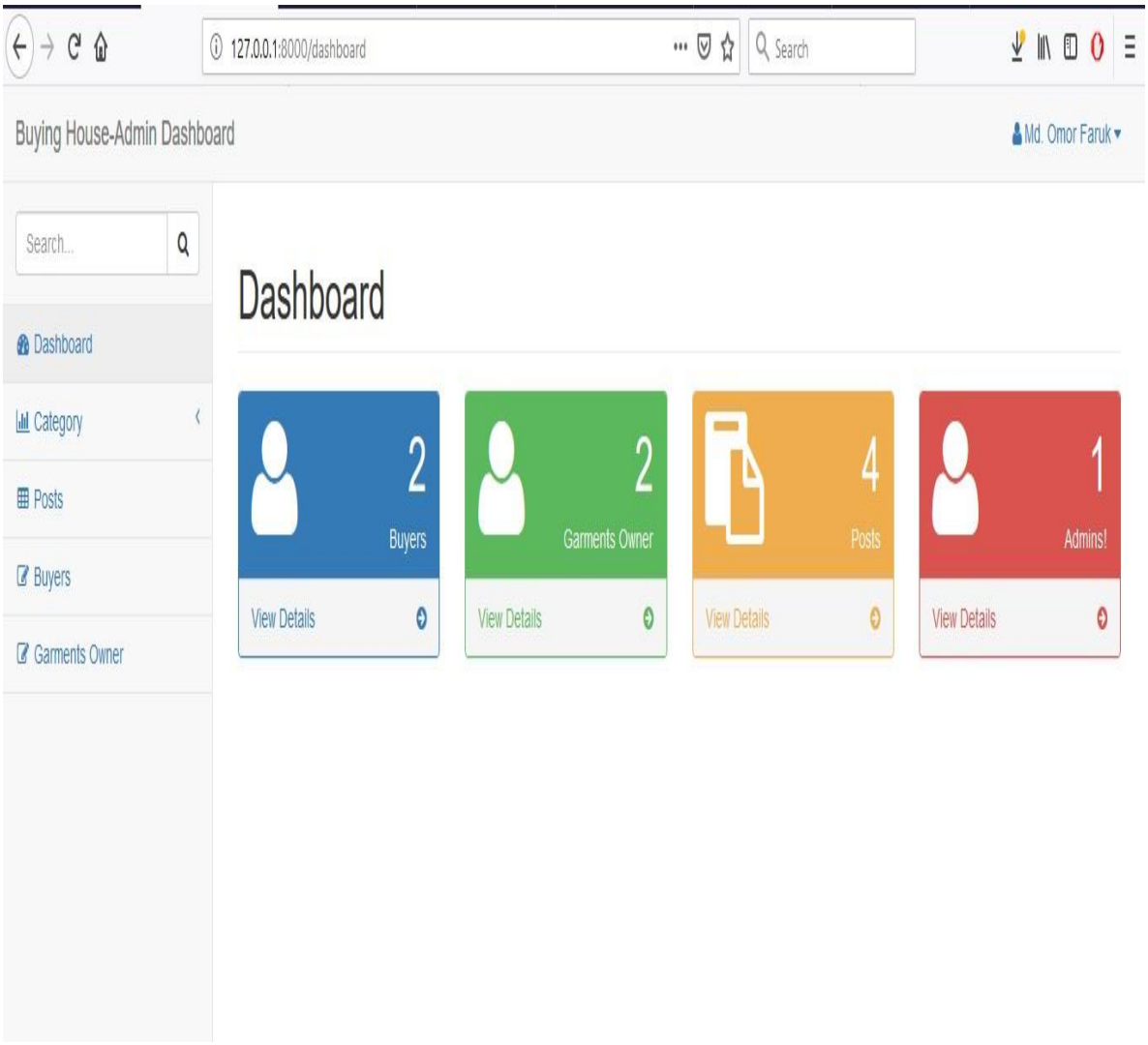

Figure 5.16: Admin Dashboard

Functionality:

After login, admin can access to go to dashboard.

Operation Flow:

- In header, show user name.
- In left bar, show menu.
- If press logout, then press logout.

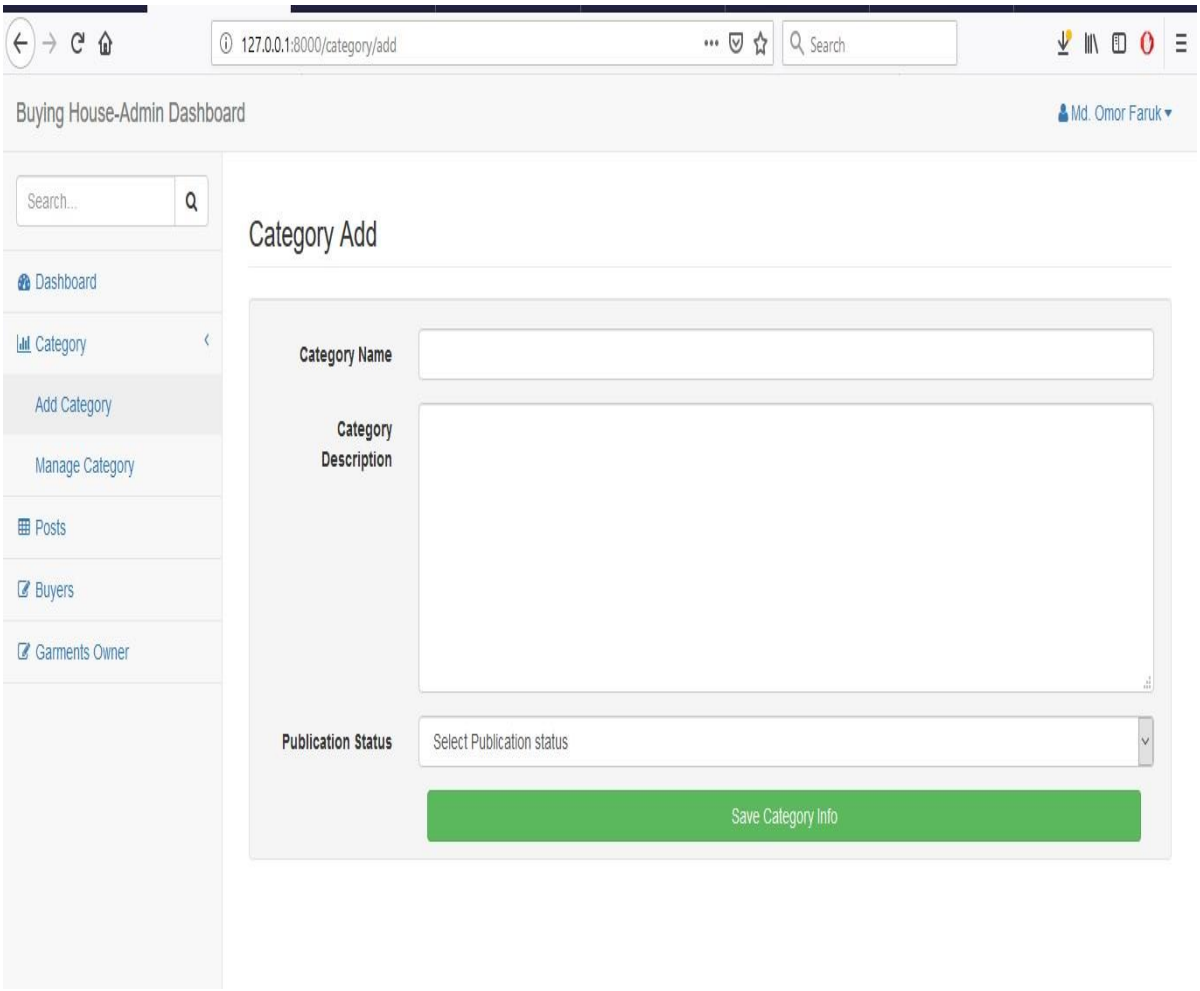

Figure 5.17: Category Add Form

Functionality:

Create a new category to press save category info.

Operation Flow:

- Set publication status.
- If published, buyer and garments owner can see.

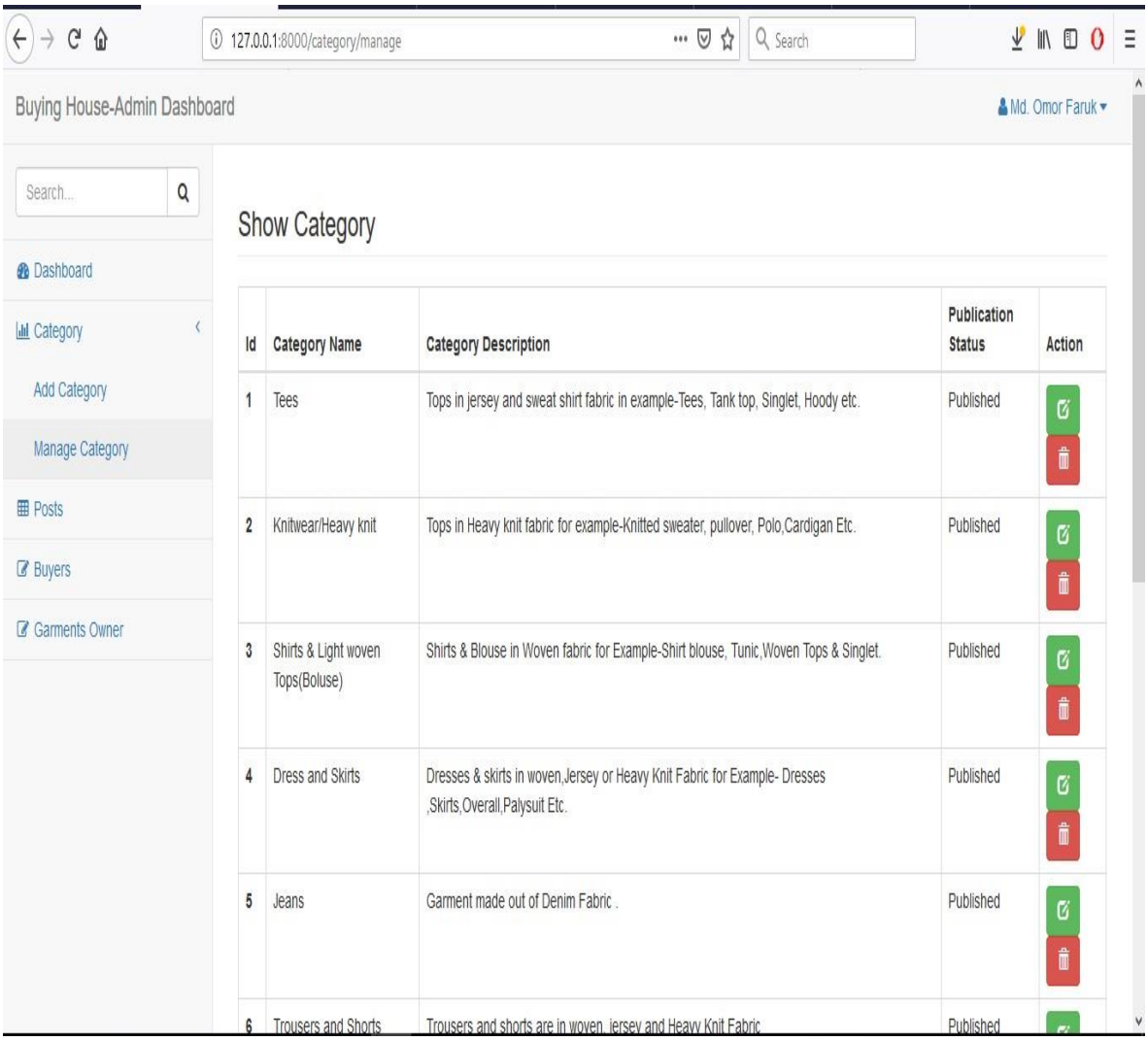

Figure 5.18: Category Show Table

Functionality:

Show all category data in a table.

Operation Flow:

- Edit and delete button in action filed.
- Press edit button to go to edit page.
- Press delete button to delete the data.

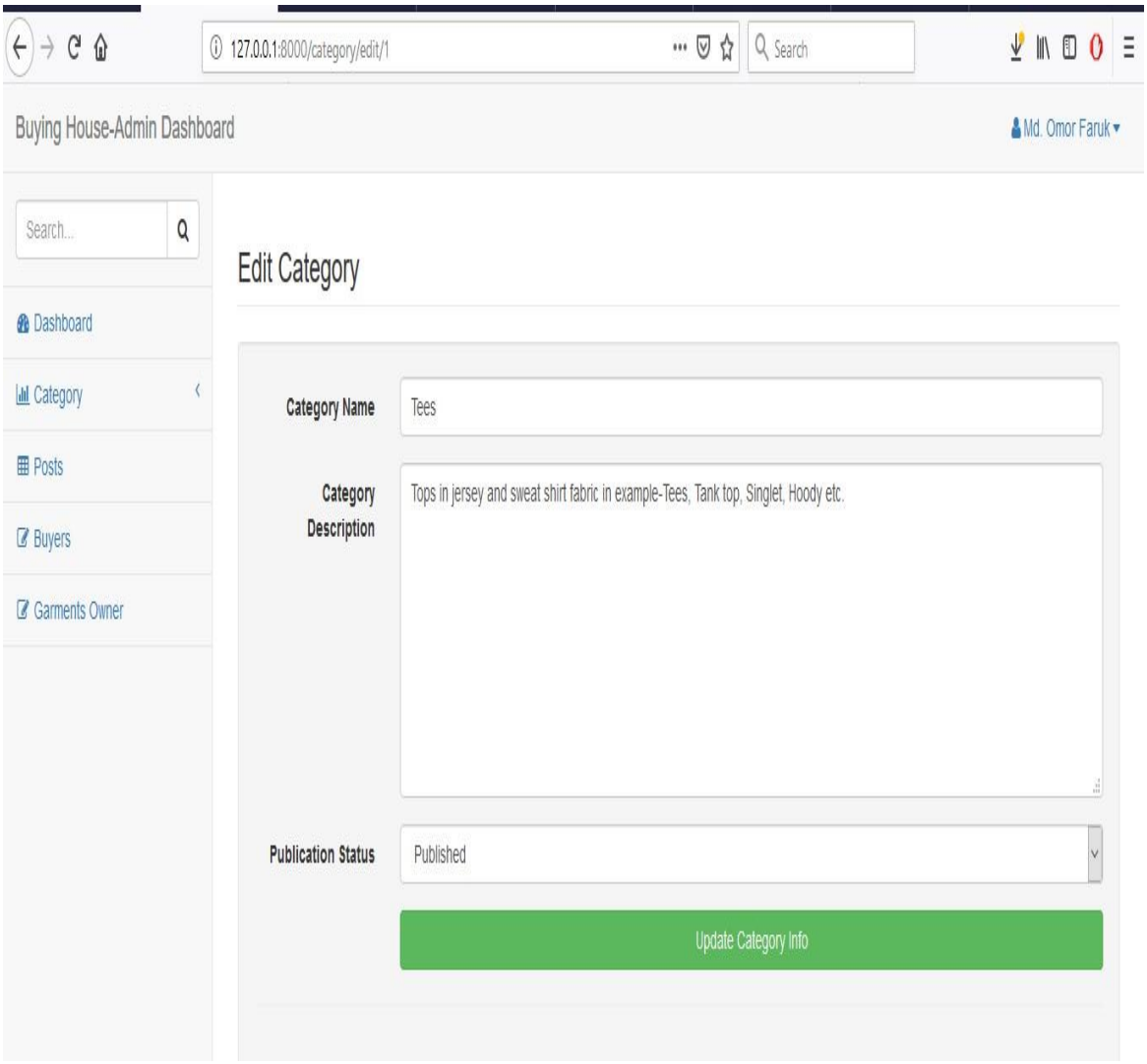

Figure 5.20: Category Edit Form

Functionality:

Show category data and edit data.

Operation Flow:

- Show all data that load from database.
- After changing data update the table.
- If not change, then set existing data.

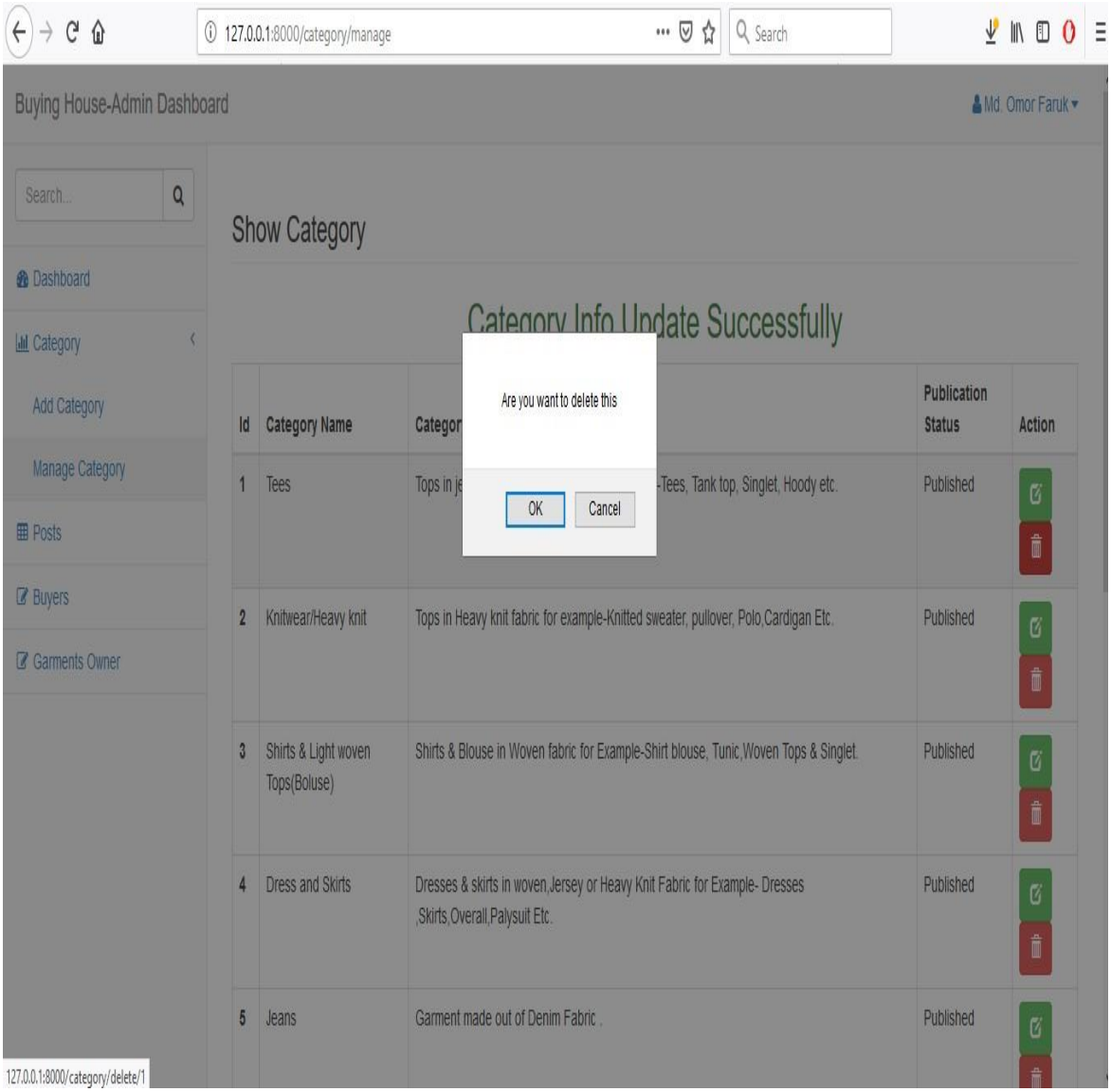

Figure 5.21: Category Delete

Functionality:

Show an alert box to delete data in a table. It is soft delete function.

Operation Flow:

- Press delete button, show an alert box.
- After deleted data, deleted_at column save the deleted date.
- Data does not access from user.

CHAPTER 6

CONCLUTION AND FUTURE SCOPE

6.1 Summary

This project has been designed in the way that in future modifications and development can be done easily. This following conclusion bellow can be inferred from the development of this project.

- Automated of the whole project enhance the efficiency.
- It has yielded an amiable graphical user interface (GUI) that manifest to be better as weight up to the project.
- It provides accurate access to the legal users depends on their authorizations.
- It efficaciously conquer the slow up in communications.
- Modernize of information turn to painless.
- Data security, system security and reliability are the attracting characteristics.
- This System has sufficient facility to modify in the future if it is needed.

6.2 Limitation

In this Application there are some limitations. Strong rules and regulations are not imposed. There is no strong security on dealing business and who will takes the risk if buyer or seller does any cheat. This system needs more strong security system so that hackers can not hamper. Review system for a buyer/seller is not created. A user will be allowed to create only two accounts, one to buy another to sell. Users' reputation rating mark is not visible. There is no way to recognize fake user.

6.3 Future Enhancement

This system will be developed to more dynamic and automotive. Manual works would be reduced self-driven computerized database server system. We will overcome all limitations. Strong rules and regulations will be imposed in the business so that none can cheat to anyone during the business. A strong database will be created on the all export quality garments industry of Bangladesh on the basis on who takes order what types of products. Yet, we have not added any real buyers or sellers as soon as possible we will

release it. International transaction system be will created much more easer and firstly. Shipment system will be added by giving priority on buyer/seller choices.

6.4 Conclusion

Online communication now a day's has become one of the most wanted service in the earth. We think that 'Online Buying House' project is one of those systems. Therefore we try to develop such a business platform in online across the world where our country's garments products will be exported and government will earn more revenue. We just have represented here the basics construction but there is something more to trace. It is pretty fascinating and sometimes more fun to discover new facts and then get to learn a something better. We have a firm determination plan to reach this system in such a better position day by day with our efforts and hardworking like as other top most popular website get the positions.

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