Development of Web-based Movie Ticket Management System

BY

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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

Partha Sarathi Chakroborty ID No: 162-15-1077 submitted a project titled "Development of Web-based Ticket Management System" to the Department of Computer Science and Engineering, Daffodil International University, which was approved as satisfactory for the partial fulfillment of the specifications for the degree of Bachelor of Science in Computer Science.

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DECLARATION

We are pleased to announce that this research was completed under the supervision of Tajim Md. Niamat Ullah Akhund, Lecturer in the Department of CSE at Daffodil International University. We further state that no part of this program, or any part of it, has been sent to any other institution for the purpose of receiving a degree or diploma.

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We'd like to thank our illustrious manager from the bottom of our hearts. Daffodil International University is located in Dhaka, Bangladesh. Lecturer, Department of CSE **Tajim Md. Niamat Ullah Akhund Niamat Ullah Akhund, Lecturer, Daffodil International University, Dhaka's Department of CSE, and Tania Khatun, Senior Lecturer, Daffodil International University, Dhaka's Department of CSE, Daffodil International University,** Dhaka's Department of CSE, Daffodil International University, Dhaka's Department of CSE, Daffodil International University, Dhaka's Department of CSE during the dissertation project, for her time, compassionate advice, patience, and inspiration, from which we learned a lot about our title.

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ABSTRACT

Our project is Development of Web-based Movie Ticket Management System. It will help Peoples to save time. For doing these activities we have used PHP, JAVASCRIPT, HTML5, CSS in window Operating System. We think that it could be an attractive website for the university students to build up their career before entering into the job sector. This project explores a new dimension to make it more interesting and challenging.

Keywords:
Movie Tickets management, Web programming, Online Software, Online Services.

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CHAPTER 1
Introduction

1.1 Introduction

Welcome to freshly designed web site where ticket booking is a quicker, cleaner and a small indefinite amount a lot of personal web site, specially designed to form your booking expertise higher. Log on, navigate and conclude for yourselves and if time permits leave your valuable feedback. Customers could read the contents of any cinema at any time and should book any pic price ticket PRN. The program mechanically calculates the subtotal and grand total. once a traveler decides to finally book the price ticket, the order info as well as the buyer's name, address and asking instruction is hold on within the info firmly and payment has been created. The band booking is additionally provided at the time of booking the price ticket and there's an exquisite facility of delivering the combos at your seat once you are observance the pic. you would like to register a new user whenever you have 1st visited or website then for future it are hold on in our info for good and you'll book you pic price ticket at any time you would like with this username and word.

1.2 Motivation

Entertainment industry is a big industry. Among them movie industry is superior. It has a social value that can make a communication between people to society. But buying movie ticket offline is a big problem. People have to stand on a long queue for getting a ticket. Even there are some black market ticket sellers those creates scarcity on ticket supply and sells them on a high price. That's why we came in to make a website where people can buy their desired movie tickets online in the original price without any bad experience.

1.3 Objectives

This are objectives of the project:

The buyers can easily buy tickets online at home.

They can check which movie is running .

Since everything is done online it gives buyers comfortable experience.

They can also see the list of the upcoming movies.

Easy payment system.

Booking a movie is now more enjoyable

1.4 Expected Outcome

The customer can get tickets easily.

Easy Payment

Cost efficient service.

Scheduling flexibility

1.5 Summary

In this chapter, our objectives came very clear and we have discussed the system development life cycle and we are following that.

CHAPTER 2

Background

2.1 Introduction

In this development of Web-based Micro-job platform for students we have used several software to make this project possible which are Sublime text for coding, XAMP for database and Adobe Photo shop for editing the photos.

2.2 Introduction of development platform

This project is mainly based on MySQL database a web application to be developed in raw PHP code, HTML, CSS, JavaScript, Bootstrap

2.3 Database Platform

We'll need a database platform to store all of the data in this project. As a result, we used the MySQL database server to store all of the information.

2.4 Introduction to Database

A database is a list of data that is organized in such a way that it is easy to view, maintain, and update.Before we go any deeper into the topic of databases, we must first understand what a DATA is. Data is a list of facts and documents that can be used for inference, debate, or measurement.Data is still readily accessible and plentiful. It can be used to extract any valuable knowledge from it. It's quite possible that it's out of date or meaningless. Data can be expressed in a variety of ways, including graphics, reports, tables, text, and other formats that facilitate data retrieval, updating, analysis, and output from a structured or regularly organized repository.

2.5 Scope

The project's goal is to provide consumers with a wide range of services in a limited period of time. It provides freelancer many types of jobs to choose and they can work as their skill based platforms. On the other hand, client can choose his perfect freelancer to do his job completed as he desired. All of the information will be saved and nobody will fraud them in this platform. Since the device is used to store data on a centralized server with a database that can't be accessed by a third party.

2.6 Study of feasibility

A feasibility review is conducted to determine if the proposed scheme is feasible in terms of technical, operational, and economic considerations. We should provide a straightforward understanding of the system's advantages and disadvantages after doing a feasibility study.

Technical Feasibility:

HTML, CSS, JAVASCRIPT, PHP, and MYSQL are used to build the planned website. The website is developed following a way that it can be interact with any kind of computing devices.

Operational Feasibility:

The operational viability of a device is an indicator of how well it solves problems. Our proposed system is designed to eliminate a big problem in Bangladesh. It’s unemployment problem. Using our website many unemployed students can start a professional life. They can earn money through our website and also can support their families.

CHAPTER 3

Requirement Specification

3.1 Introduction

There are some discussion about the requirement collection and analysis process. There are also some discussions about project related use-case model ,logical data model etc.

3.2 Hardware Requirements

processor speed: 1.00GHZ and above

Ram: 1gb or above

HDD: any

Processor: any

3.3 Software Requirements:

Internet Browser

SQL Server

Text Editor(Sublime text,notepad++)

HTML5

CSS

PHP

3.4 UML Diagram

Here we will discuss about the UML diagram. The UML diagrams will describe the process of our website clearly.

3.5 Make use of a case diagram

The website's use-case diagrams are seen below.

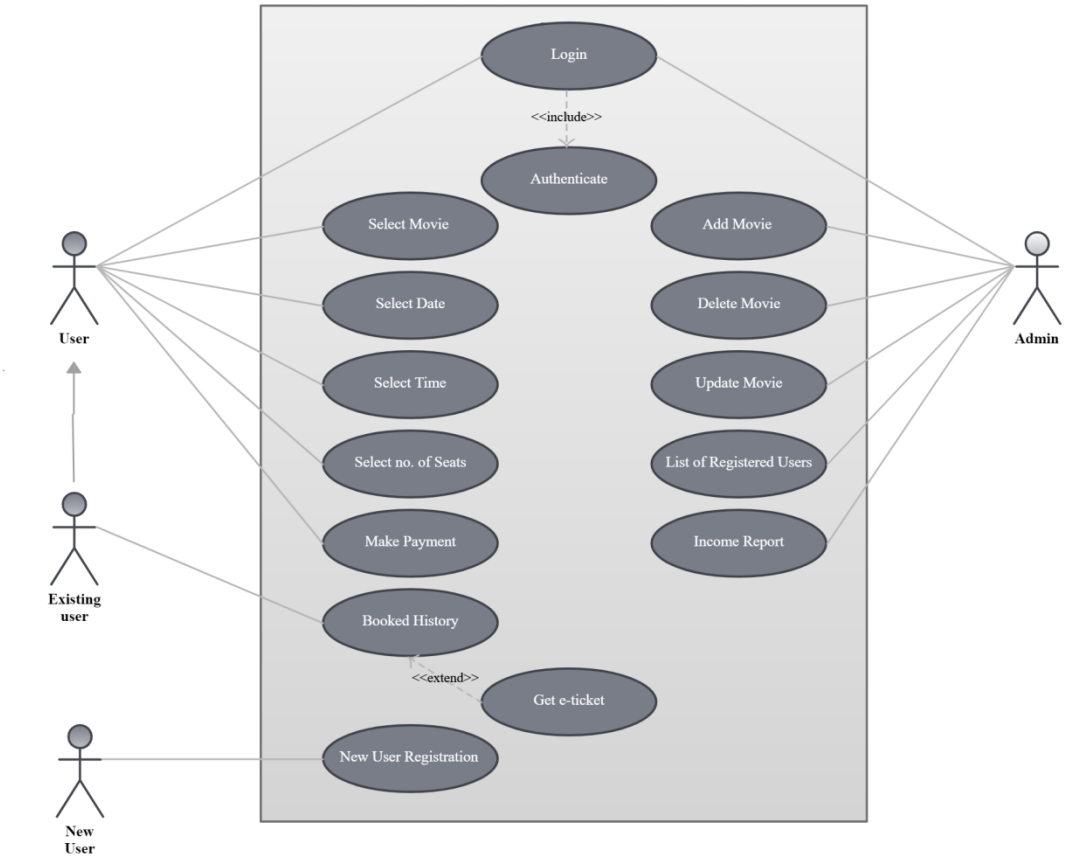

Figure3.5.1: Use case diagram of Admin panel

3.6 Diagram of Data Flow

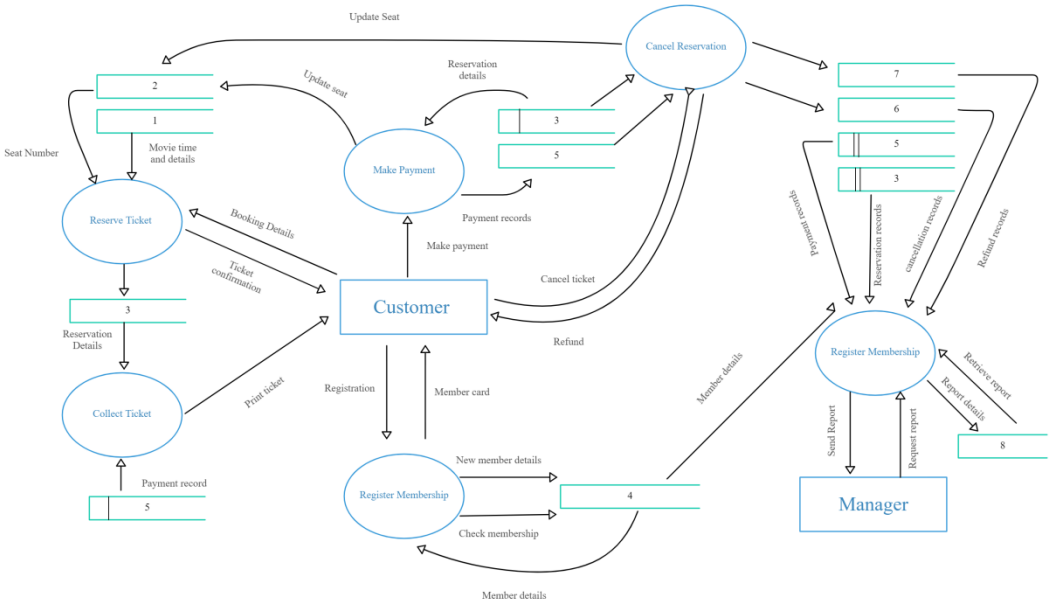

Figure 3.6.2: Diagram of Data Flow

3.7 Design Requirement

CSS(Cascading style sheet) is used to create design of the website. It is used to control the layout of the website. It also controls some essential things that is very important like text color, font size, layout placements etc. Use of bootstrap is also essential to make an impressive website. We have used both CSS along with Bootstrap to make the website. Those are very important to create a perfect user interface.

3.8 Summary

In this section we have described all the use case diagrams needed for the website. The diagrams portray the website well.

CHAPTER 4

Specifications for Design

4.1 Front-end architecture: To construct a stunning user interface design, we used HTML, CSS, and Bootstraps.

4.2Back-end design: We have a back-end admin panel.

4.2.1 Home page

Figure 4.2.1:Home page

4.2.2 Log in page

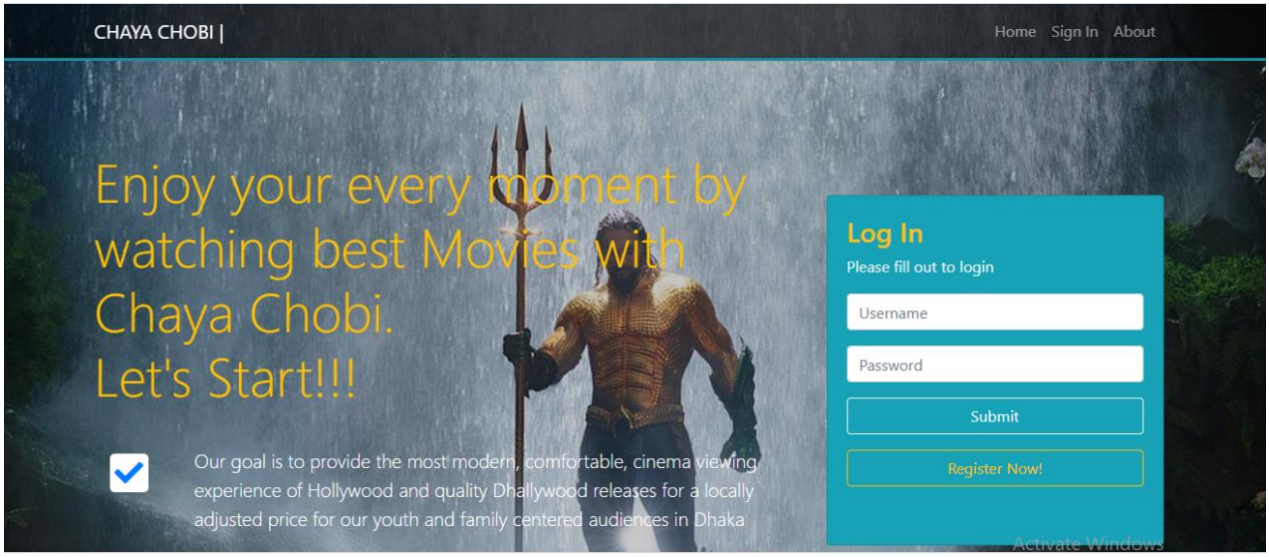

Figure .2.2: Log in page

This is the log in page of our web page. We made the log in process very secured. If anyone wants to log in into our web page he must add numeric value into the username and password length is at least 6 characters.

4.2.3 Profile :

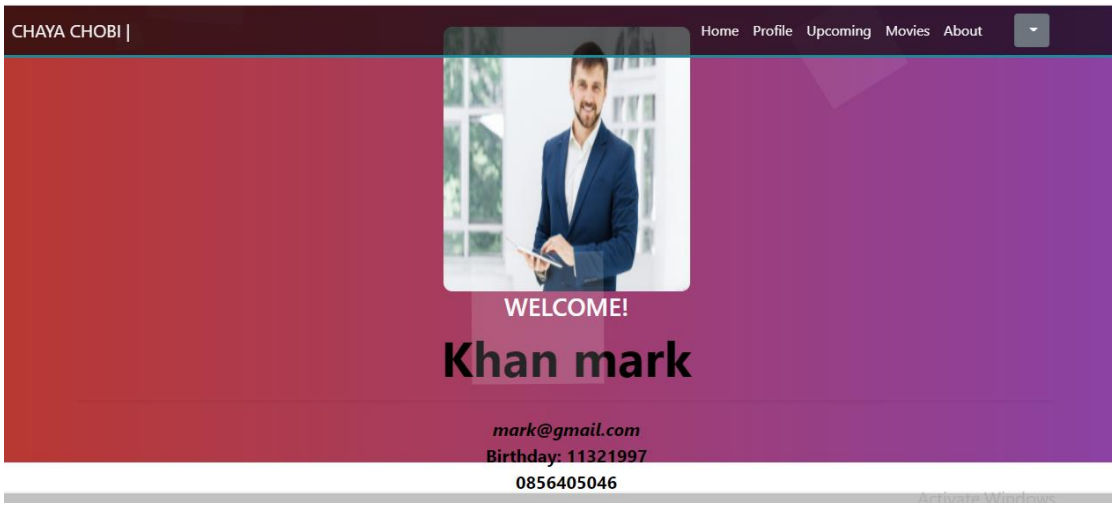

Figure 2.3: Profile page

After the account is created, this page will show the customer's details like contact,birthday,email etc.

4.2.4 Movie Showing

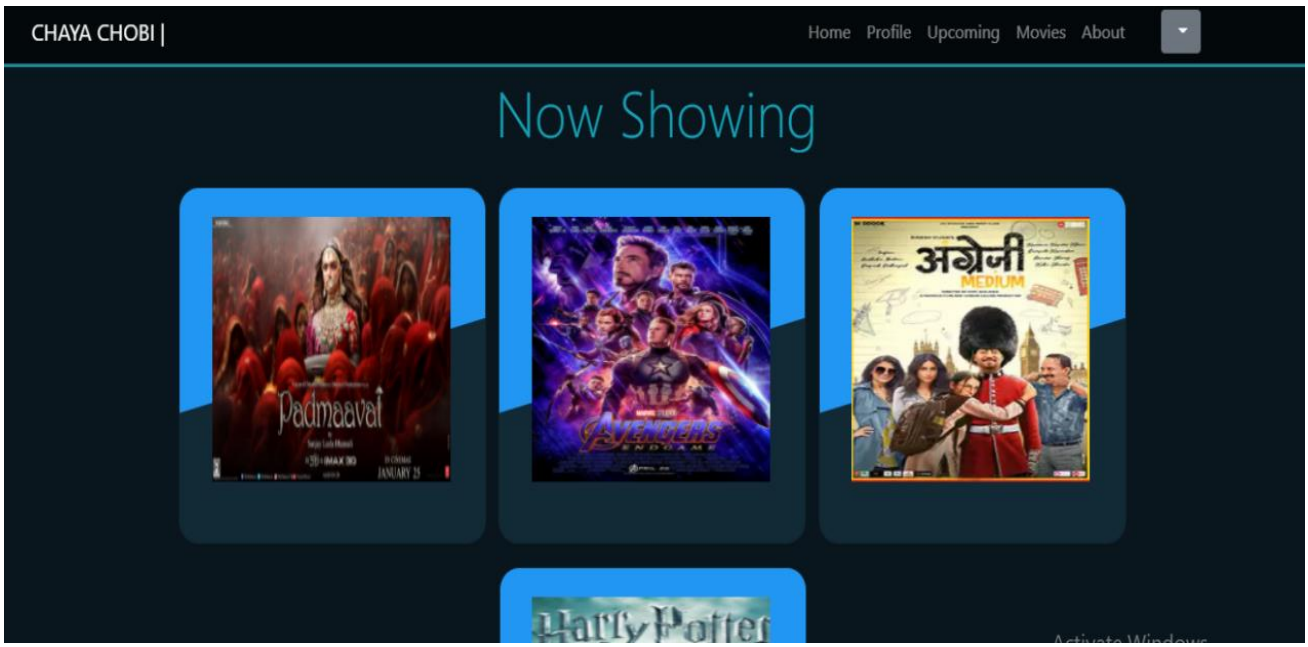

Figure .2.4: Movie Showing

Here this page will show the list of movies that are available.

4.2.5 Up coming Movie Showing

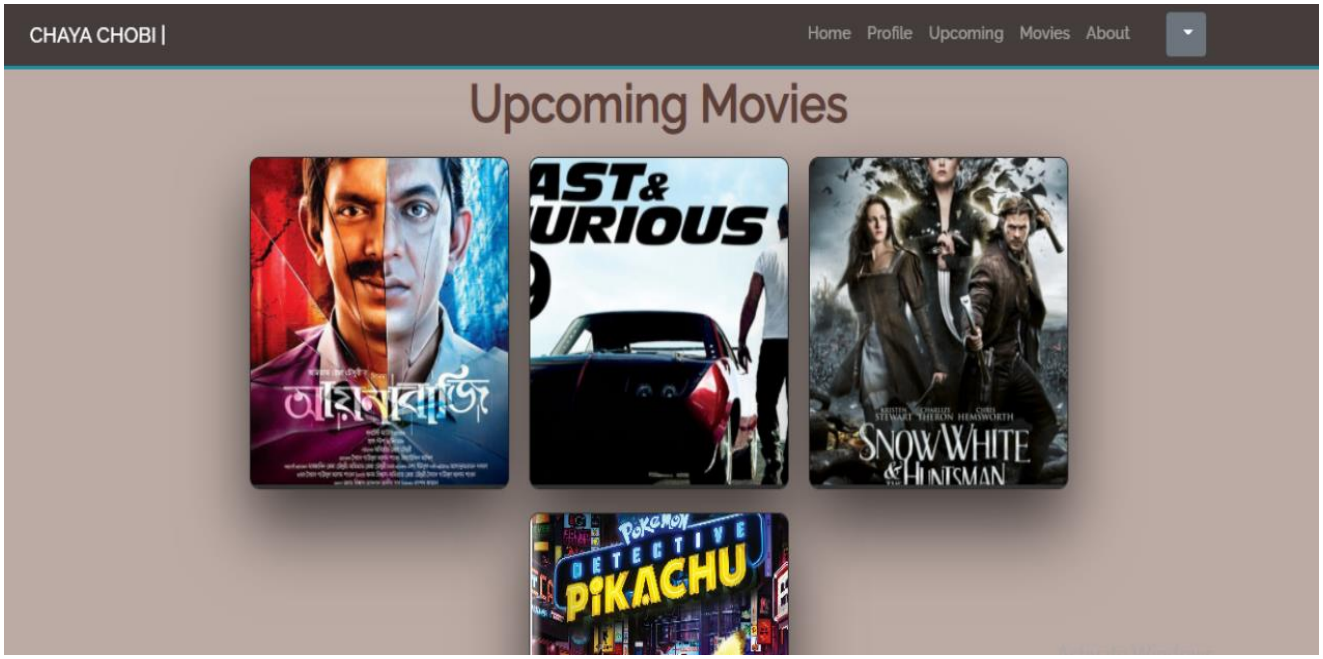

Figure : 4.2.5 Up coming Movie Showing

This page will show which movies will be available for the future show.

4.2.6 About Page

Figure 4.2.6: About page

This page will show the contact options of us so that the customers can directly contact with us if any problem happens on the website.

INDEX.PHP:

step1: Declared Libery & add link style sheet, bootstrap.

step2: include navigation

LOGIN.PHP

step1: include PHP configure file.

step2: declared variable

step3: used SQL Operation

step4: and apply condition

ABOUT.PHP

step1: body section

step2: about section

CSS.PHP

style sheet:

step1: navigation style

Step2: reg-section style

Step3: icon link style

CHAPTER 5

Testing and Implementation

Introduction

I'll be more about how I'll put these tactics into action. I'll use both front end and back end growth in my business. Many of the figures involved in the execution would like to be changed..

5.1 Database

The part of 5.2 spectacles the backend database of the aforementioned system.

5.2 Back-end design implementation

My management software is, in a sense, web-based. As a result, there are a few people who are using the front quit format. So, for my web-based issues, I've got an HTML subject and CSS for front-end execution.

5.3 Test Execution

For this is a web project that’s why testing is very much essential for this system deploy the application. It can calculate total operating costs and will be able to correct the expertise of the app by input and output measurements. A trial run, on the other hand, could provide feedback that would otherwise take a long time to obtain and may impose exactness. the operation There is systematic a lot essaying that could follow as coating. As this coating i have done some testing. They are given here :

5.4 Unit Test

When the code is applied, this algorithm is applied, and the creator checks out since his own up first bugs. So, in my situation, I'm assured when I'm writing code and adjudicated to find the first flaws.

5. Integration test

I integrated all back-end code and front- end. Then I am check this and if any kinds of layout are broken or not broken.

5.6 Function Test

Completely this serves that i selected for my covering at first. i complete all initial prerequisites from these project that require to be. And all the purposes are tried one by one. Because the roles are the main important part as a system. If function does not exploit by rights and then the system will be wasted.

CHAPTER 6

Conclusion and Future Perspectives

6.1 Conclusion

This project has given me many opportunities to customize, code, test, and run an application. Which has aided in the incorporation of various Software Engineering principles and Database Management concepts such as maintaining content trustworthiness and accuracy. It has also assisted me in learning HTML, CSS, JavaScript, PHP, and the Personal Web Server. My guide's commitment to leading me through the whole task is greatly appreciated. I'd also like to express my gratitude to my family and friends for their continued assistance and motivation in assisting me in completing this mission. Other features provided by Website administrations can also be incorporated into this Website. Encryption standards can also be used to make transactions more secure. The Socket Secure Layer convention can also be used to create a system that provides the highest level of protection on the Internet.

6.2 Scope for Further Development

As there It has become a workplace commonality, finding bright workers becoming depressed and stagnated in the clutches of their full-time careers. They can also be heard moaning that they have no time and little choice to choose the way they want their lives to be led. If you're someone who thinks that way, freelancing is something you might dream of as a career direction.

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