

**FINAL YEAR PROJECT REPORT ON
ONLINE WORKING PLATFORM
BY**

**MD. Neyamul kobir
ID: 161-15-7125**

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

Supervised By

Mr. Eshtiak Ahmed
Lecturer
Department of CSE
Daffodil International University

Co-Supervised By

Mr. MD. Sazzadur Ahamed
Senior Lecturer
Department of CSE
Daffodil International University

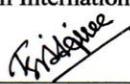


**DAFFODIL INTERNATIONAL UNIVERSITY
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APPROVAL

This Project titled “Online Working Platform”, submitted by Md Neyamul kobir, ID No: 161-15-7125 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 Sep 13, 2019.

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DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Mr. Eshtiak Ahmed, Lecturer, 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.

Supervised by:

for, Eshtiak Ahmed

Mr. Eshtiak Ahmed
Lecturer
Department of CSE
Daffodil International University

Co-Supervised by:

Sazzadur Ahamed

Mr. MD. Sazzadur Ahamed
Senior Lecturer
Department of CSE
Daffodil International University

Submitted by:

MD. Neyamul Kobir

MD. Neyamul Kobir
ID: -161-15-7125
Department of CSE
Daffodil International University

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

ABSTRACT

Online Working Platform is the best platform for Freelancer and Employer to work on Freelance Jobs in Bangladesh. On this platform Buyer will find top level freelancers and Freelancer will be able to find the job they want according to their skill.

On other hand this platforms a freelancer to sell his services without indulging in bidding.

This Platform provides best Freelancing Jobs, Work from home jobs, online jobs and all type of Jobs by proper authentic Employers.

In this platform is a collection of themed marketplaces, where creatives sell digital build-in assets to help bring ideas to life.

This platform include message chatting option so both freelancers and buyers can get in touch in one place. This project to develop a freelance platform where not only an employer could post a project for bidding but a freelancer could also offer his/her services for buyers.

Start working on this platform and earn more money by doing online jobs. All new and experience Freelancers can find Jobs. Hiring Freelancer or Finding Jobs on this platform is 100% safe as it provides money security.

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CHAPTER 1

INTRODUCTION

1.1 Introduction:

The 'Online Working Platform' is a web portal on which employers/buyers and freelancers interact with each other. Freelancers and Buyer sign up and create a profile that highlights the skills they have.

In this platform, an employer usually posts a jobs/projects and freelancers bid on that project. The employer after reviewing the bids then hire a specific freelancer with the most efficient bid. In this way the employer gets his job done and the freelancer earns money.

On other hand this platforms a freelancer to sell his services without indulging in bidding.

This platform is a collection of themed marketplaces, where creatives sell digital assets to help bring ideas to life.

This platform include message option so both freelancers and buyers can get in touch in one place.

1.2 Motivation :

Nowadays almost all people are moving towards freelancing work. Even our government is doing a lot of projects and training for freelancing work. But getting jobs for new freelancers is becoming the default in the international marketplace.

For example Upwork, Fiber, many Bangladeshi accounts are being suspended without notice. Because of our people's English communication skills are very low.

So, I want to create a online platform where buyers can post jobs in Bangla language, and freelancers can apply to those jobs in Bangla, so both freelancers and buyers can get in touch in one place.

1.3 Objectives :

Through this platform new freelancers will get to know the online marketplace and they will be very helpful to work in the international marketplace.

Companies/buyer may access a global talent pool of thousands of freelancers so they can easily find suitable workers for their projects. By posting a professional and detailed job post, enterprises can attract a wave of applications from qualified freelancers.

Businesses also benefit as they can save a lot of money. Hiring full-time workers are much more expensive as you need to give them a fixed salary. So I think this platform will solve unemployment problems.

1.4 Expected Outcome :

1. Through this website, Beginner Freelancers can get full idea about outsourcing.
2. The main goal of this platform is to provide freelancing related information through website.
3. On this platform weak freelancers in English will be able to easily handle their project as per buyer requirements through this website.
4. It will help people to get digital services information any time anywhere by simply browsing a website.
5. In this platform freelancers can enjoy numerous advantages such as unlimited earning potential, the power to select your clients and work time, improved work-life.

1.5 Report Layout

In the chapter (1) I showed in chapter 1 introduction, motivation, platform object and expected outcome to the platform.

In the chapter (2) I showed in chapter 2 background introduction, Related Works, scope of problem and Challenges.

In the chapter (3) I showed in chapter 3 how to Requirement Collection and specification, Need Of Platform and Functional Requirements of the project.

In the chapter (4) I showed in chapter 4 how to design analysis, Requirement Collection and Analysis and Functional Requirements, Details description of access platform, Front-end Design, Interaction Design of the project.

In the chapter (5) I showed in chapter 5 Implementation and Testing and interaction Implementation of Database, Testing Implementation.

In the chapter (6) I showed in chapter 6 conclusion and future scope, Discussion and Conclusion and Scope for Further Developments of the project.

CHAPTER 2

Background

2.1 Introduction :

This is a freelance services marketplace is an online platform where freelancer can find job and buyer post jobs and hire individual contractors to do some work remotely.

Nowadays everyone is expressing great interest in the freelancing profession

But many of the freelancer not been able to be as successful in the International Marketplace as they do not know English properly.

This platform supportive site will attempt to provide all kind of freelancing support on the web. It is the ideal platform for professionals such as web designer, writers and developer as it does not only help them search for work but also charges a minimal fee. The system also gives freelancers the exposure they need to give their careers that needed boost.

2.2 Related Works :

It is a remarkable advent for our country is that a small number of related website has been created by different designers which are already known some users. There have some website like “www.upwork.com”, “www.fiverr.com”, where we find the information of international freelancing marketplace, jobs, Freelancer, buyer.

2.3 Challenges :

There are some challenges during development a project. In following We mentioned some presents challenges,

- Delivery the Project on Time.
- Cost of Project.
- Quality of Project.
- Scope in Future.
- Risk Management.

- Budget of the Project.
- Making Decision.
- Resources of the Project.
- Professional Qualifications.
- Efficient Design of the Project.
- Uniqueness.

Time: The most important challenge of developing a project is time, Project must complete within duration of time.

Cost of Project: During development a project estimated cost knowing is very important.

Depend on amount of cost project will be made.

Quality of Project: Another main challenge of developing a project is quality of project. Quality full project is more demanded in market place.

Scope in Future: To ensure that developing project is efficient for specific field.

Risk Management: Sometime fail must be come but staying into the fail we must overcome it and will must finish project.

Budget of the Project: At first ensure the budget for specific project.

Making Decision: The important things are to make decision during developing the project. In some case we must need an interactive decision during some critical situation.

Resource of the Project: Before starting the project ensure the resource of developing project are available and it enough to complete.

Efficient Design of the Project: To make a project, at first we need to design that will make user satisfactory level.

Uniqueness: Project must be unique that means ensure it is not match with another project, because it is tradeoff a developer.

Professional Qualifications: It is also an important challenge when we have to develop a project, because knowledge about project can make more efficient.

CHAPTER 3

Requirement Specification

3.1 Need Of Platform :

At present the Bangladeshi freelancer are not able to work as per the requirements of the international marketplaces due to the high compatibility and weak in English so they are not getting enough work from the marketplace which is causing unemployment problem.

This platform and its requirements are measureless in our country.

In our country there are many freelancer in the country who have no known relatives, so that they are too late to get these help in the right time. So they will help us in this platform. He will be able to find his favorite work by entering here. Finding work if needed or at the same time he can get the digital service and now. You can also find out more about the clients or skill in different buyer. If we can spread the platform to the whole of the country, then it could be a big platform and the outsourcing of many people. So in the end, I can say that its requirements and importance are immense in our country.

What we have used to create this platform .those are given to the page:

- Html5
- Css3
- Bootstrap
- Javascript
- JQuery
- Laravel framework
- Php & Mysql
- Ajax

3.2 Functional Requirements:

Following are the key functional requirements of proposed Project:

- ✓ Easy to Signup / Signin.
- ✓ There will be four categories of Website users:

- ✓ Visitor (Unregistered User)
- ✓ Employer
- ✓ Freelancer
- ✓ Administrator (Admin)
- ✓ The visitor will be able to just see the available projects and bids on the website.
- ✓ Freelancer will have the rights of bidding on a Project, checking bidding status; submitting the Project files to the employer and performing other Project related tasks.
- ✓ Employer Dashboard (proper interfaces for managing employer-related tasks)
- ✓ All Transaction History.
- ✓ Live Chatting with Buyers.
- ✓ Milestone Payment Creation.
- ✓ Email Notification.
- ✓ Freelancer service selling interface
- ✓ Job/Projects Management for an employer
- ✓ Using this interface, the employer could:
 - ✓ Withdraw Logs.
 - ✓ Easy to Withdraw Payment.
 - ✓ Public Profile Management.
 - ✓ Post job
 - ✓ Review bids

CHAPTER FOUR DESIGN ANALYSIS

4.1 Requirement Collection and Analysis :

Requirement collecting is the process that gathering all information about the project which was the requirements of users or organization.

Purpose of collecting requirements:

It can define the efficiency of project

It helps to define the scope in future

To know about user demand

To maintain track to complete project

It gives idea how much cost will be need

4.2 Details description of access platform:

- Use Case : Login
- Actor : : Buyer, Freelancer, Visitor and Admin
- Type : Primary
- Description : Buyer, Freelancer, and Admin needs to login to provide/access his/her own activities.
- Usage : Registration
- Extends : None
- Extended by : None

4.3 Front-end Design:

The online freelancing platform is divided into three main categories.

1. Workplace
2. Marketplace
3. Themeplace

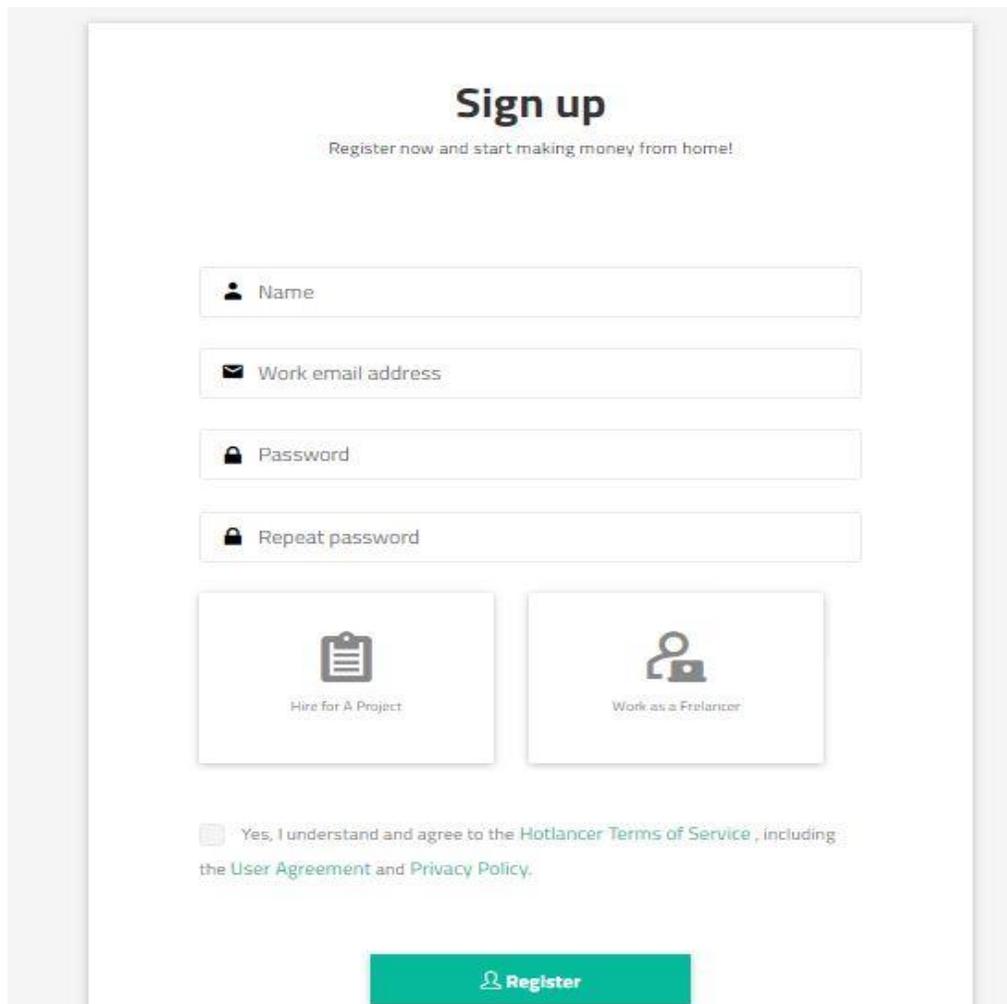
Now I want to describe of front-end design for computer based software. I am showing image of software with description in sequentially.

1st : Home page that will show main feature.



Fig. 4.1.1: home page

2nd : Registration page that will show main feature.



The image shows a registration page titled "Sign up" with the subtitle "Register now and start making money from home!". The page contains four input fields: "Name", "Work email address", "Password", and "Repeat password". Below these fields are two buttons: "Hire for A Project" and "Work as a Freelancer". At the bottom, there is a checkbox for "Yes, I understand and agree to the Hotlancer Terms of Service , including the User Agreement and Privacy Policy." and a green "Register" button.

Fig. 4.1.2: Registration page

In this page buyer/freelancer can registration for work.

3rd : Buyer and freelancer dashboard page maintain all posts .

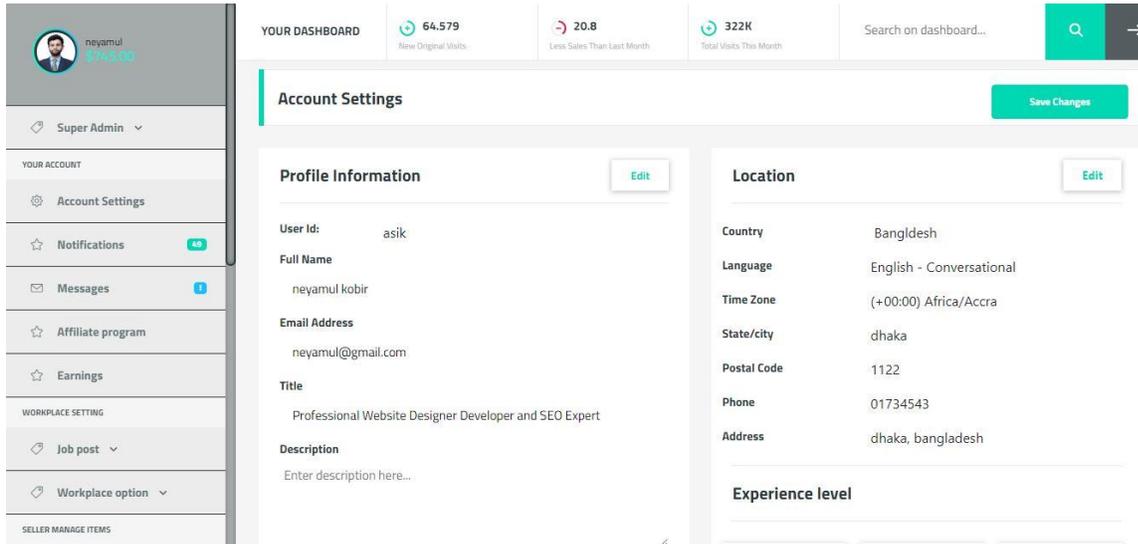


Fig. 4.1.3: Buyer and freelancer dashboard page

This page Buyer and freelancer dashboard maintain their posts, bit, theme, sell services.

4th : workplace page that will show all category jobs.

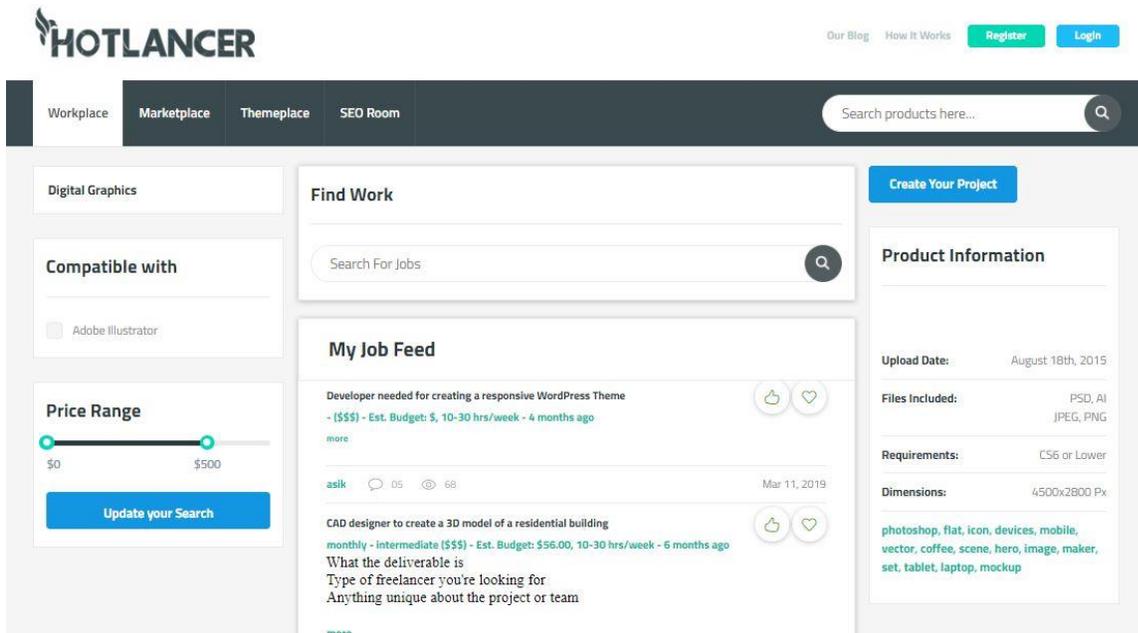


Fig. 4.1.4: workplace page

In this sector, the buyer will post the job and the freelancer will bid on the work according to their skill.

The buyer will then find freelancers of his choice from a number of applicants

5th: Marketplace page that will show marketplace category jobs.

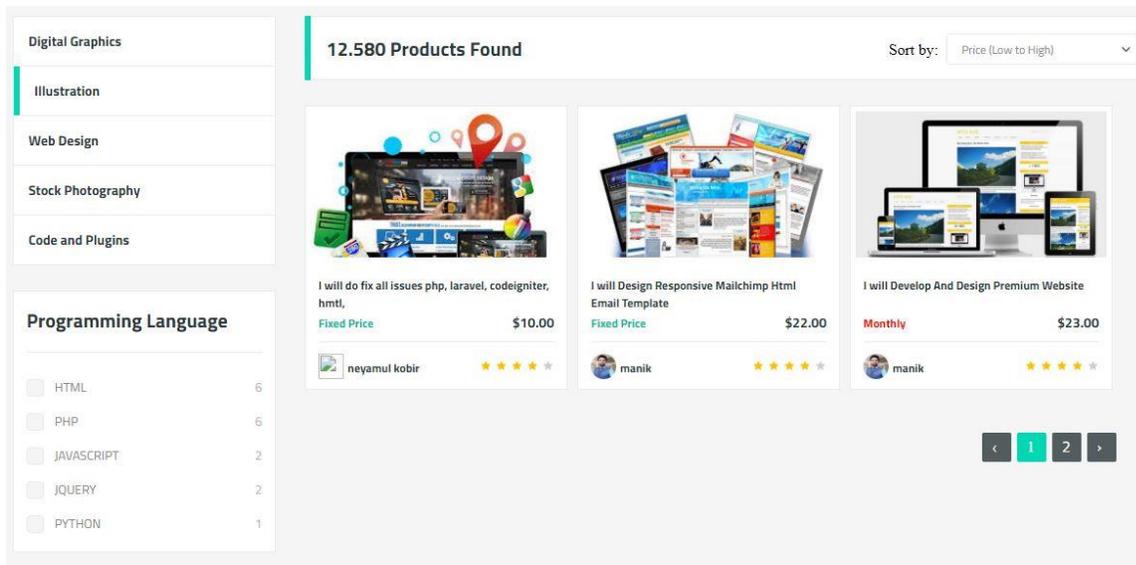


Fig. 4.1.5: marketplace page

In this section the freelancer will post the service he wants to sell here. The buyer will buy the service according to their choice.

6th : Themepace page that will show theme for sell.

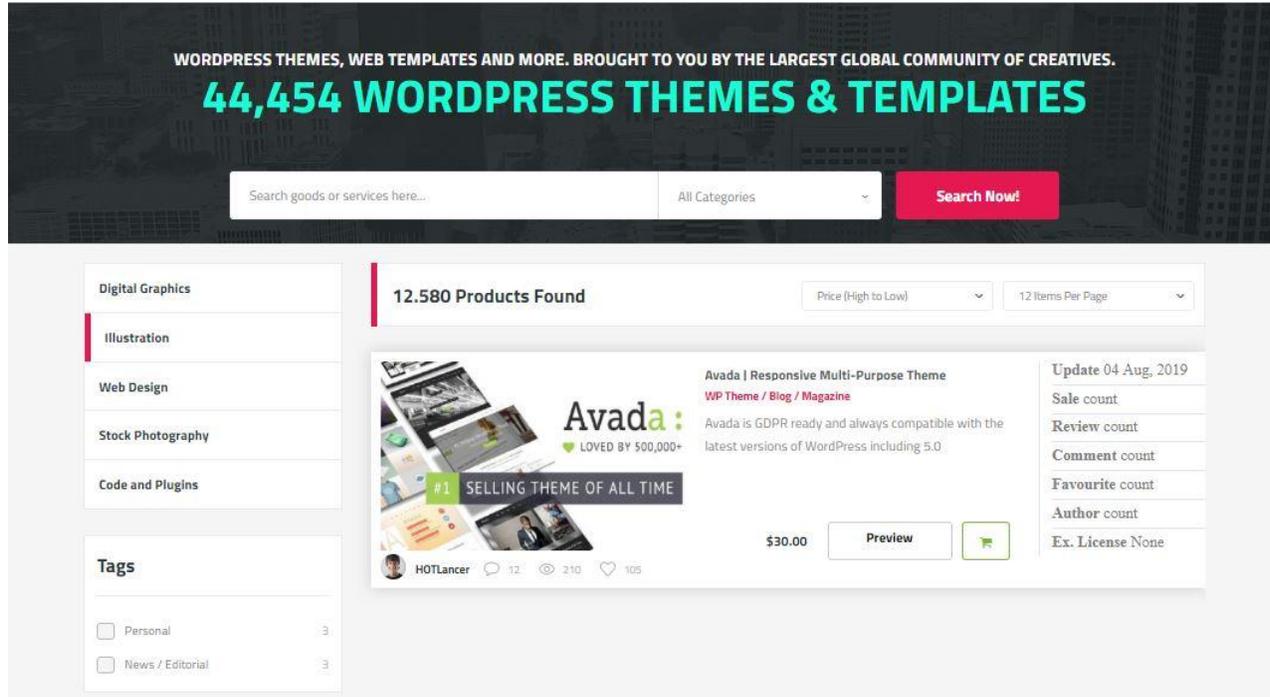


Fig. 4.1.6: Themepace page

This section is a collection of themed marketplaces, where creatives sell any kind of digital assets.

7th : Job post page.

YOUR DASHBOARD

64.579
New Original Visits

20.8
Less Sales Than Last Month

322K
Total Visits This Month

Search on dashboard...

1 Overview

2 Pricing

3 Description & FAQ

4 Requirements

5 Publish

Gig Overview

Gig Title

I will do something I'm really good at

0 / 80 max

Category

Programming & Tech

select sub category

How would you want to pay?

Fixed Price

Monthly Price

Search Tags

Next Step
Your information

Fig. 4.1.7: post page

8th : Add to card page that will show all card item.

Product Details	Quantity	Price	Action
I will Create Outstanding Business Card Design For You 2 business card 1 person details 2 Different Design unlimited Revisions Source File	Qty: 1	\$43.00	X

Accepted Payment method SSL SECURED PAYMENT

Order Summary

Subtotal: \$43.00

Service Fee: \$2

Total: \$45

Delivery Time: 2 day

Secure checkout

Fig. 4.1.8: Add to card page

9th : Payment option page.

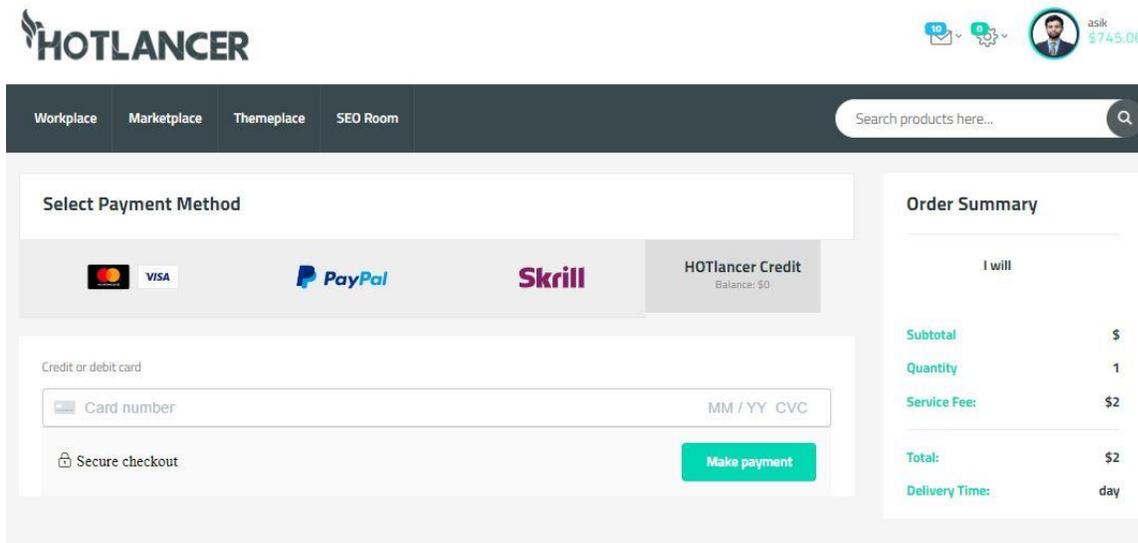


Fig. 4.1.9: Payment page

10th : Freelancer job order page.

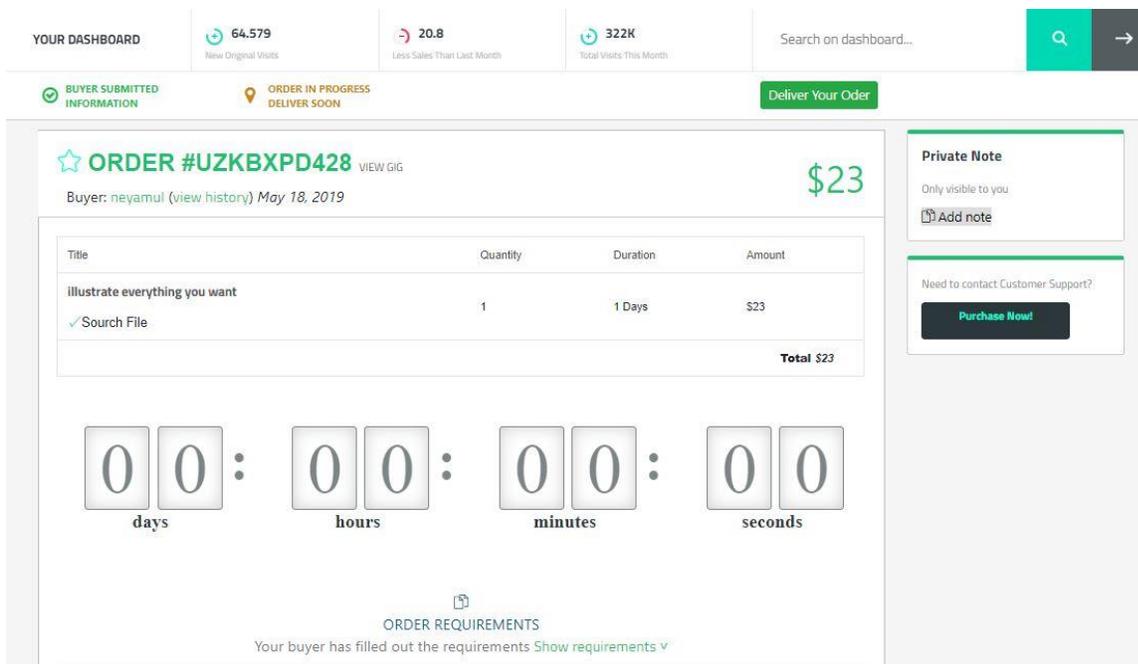


Fig. 4.1.10: Order page

11th : Total earning page that will show freelancer all earning statements.

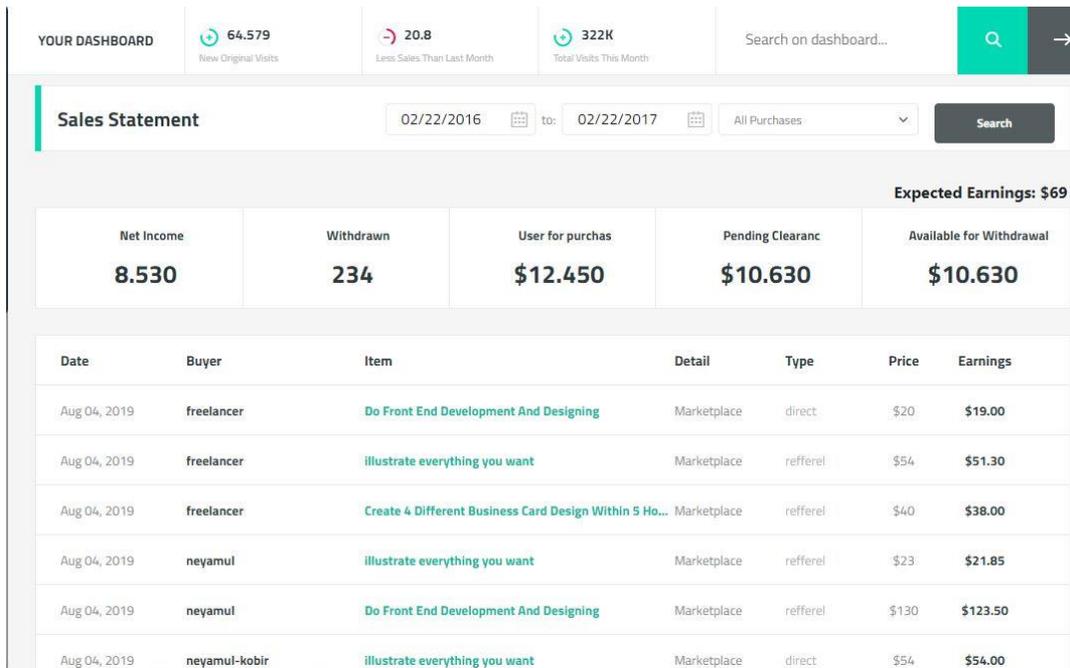


Fig. 4.1.11: Earning statement page

12th : Freelancer/buyer profile page that will show their all activities.

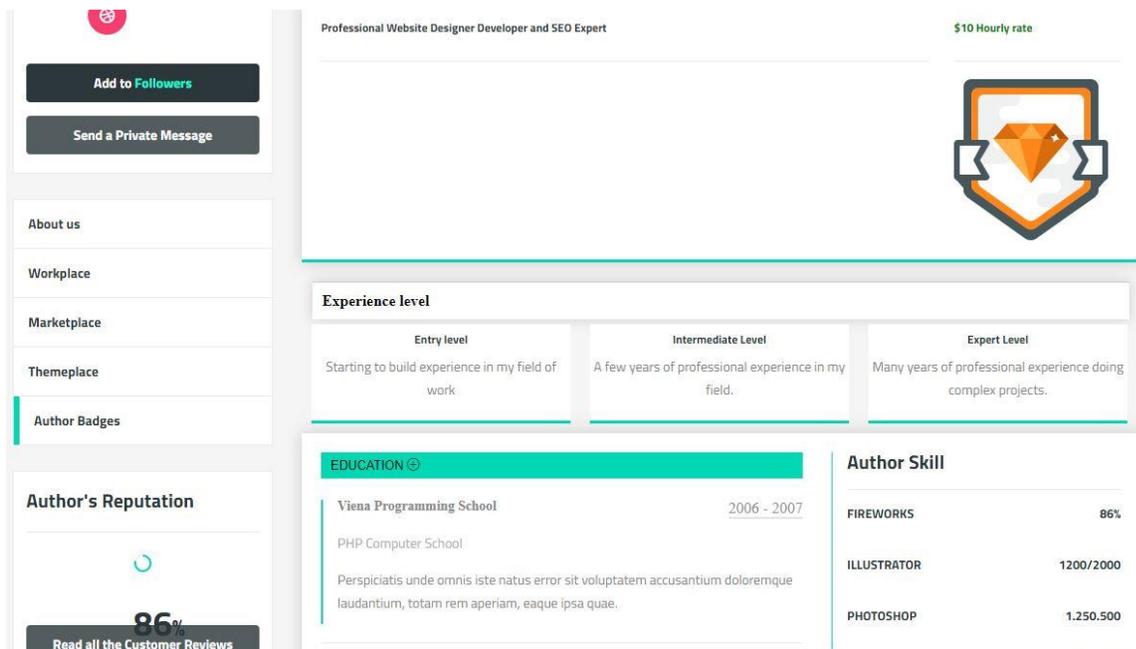


Fig. 4.1.12: Profile page

13th : Post proposal freelancer list page that will show all applicant freelancer.

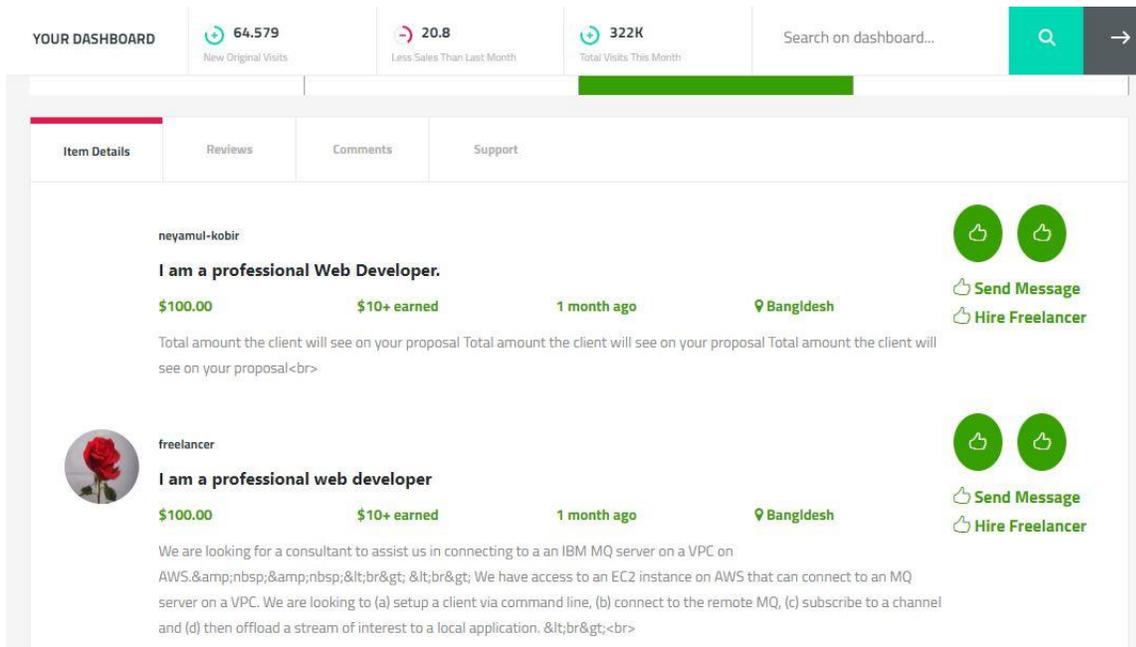


Fig. 4.1.13: Post proposal page

4.4 Interaction Design

There are five elements of User Experience Design

- ❖ Strategy Plan
 - Product Objectives
 - User Needs
- ❖ Scope Plan
 - Functional Specifications
 - Content Requirements
- ❖ Structure Plan
 - Interaction Design
 - Information Architecture
- ❖ Skeleton Plan
 - Interface Design
 - Navigation Design

CHAPTER 5

Implementation and Testing

5.1 Implementation of Database

Database: A ‘database’ is a store of collection of data that describe the information about all users and projects. For example, database of Daffodil International University might contain information about the following:

- Entity such as Student, Faculty, Course, Classrooms etc.
- Relationships between entities such as Student enrolled in course etc.

5.2 How manage data in database?

- Database design and development an application
- Data analysis
- Concurrency control and Robustness
- Efficiency and Scalability
- In some ways database can be design:
 - Requirement Analysis
 - Conceptual Database Design
 - Logical Database Design
 - Schema Refinement
 - Physical Database Design
 - Application and Security Design

5.3 Implementation of Database:

- Secondary Storage Management
- Index Structures
- Query Compiler
- Failures Mode

5.4 There are some processes to store data into the secondary storage.

- Access to secondary storage
- Arranging data on disk
- Represent address of record

5.5 Failures Modes:

- Media Failures
- It is the local failures that occurred during bit change.
- Catastrophic Failures
- In some case when hold any media then database will be failures.
- System Failures
- When any transaction will interrupt or corrupted then system will be failures.

5.6 Concurrency Control:

When many users use a system then it might be happened conflict. During transaction scheduler control the consistency this called concurrency control.

5.7 Testing Implementation

Testing: A testing refers a quality full output of a software that's refers it is out of errors free.

There are some issues to needs a testing:

- Errors
- Most of cases we have faced some errors such as syntax errors and also different types of bugs. Error means that mistake.
- Fault
- A fault is a result of errors, so when errors occurred that means fault will occur.
- Failure
- When fault occurred then failure will occur.
- Incident

CHAPTER 6

Conclusion and Future Scope

6.1 Discussion and Conclusion

On this platform the freelancer will find work according to skill and in many tasks he will be able to do just that bit.

This project will make the freelancer more attentive to expressed interest in working because they will be regularly notified by website. The processes of this project have been succeeded to meet the objective and it will inspire developers to develop such a project. The knowledge of programming and libraries is very significant to develop this project. The UI of this project has been made very simple but attractive interface, which seems easy to see, which would be easy for everyone to understand.

6.2 Scope for Further Developments

There are various ways, where we can develop our career as a profession of freelancing field. In presents, the demand for this field is increasing day by day because of providing unlimited income and find the job depend on your wish. I think there is no one place where it is not using. In the following, we have mentioned some scope/career path of this project.

- ✓ Web design & development
- ✓ Graphics design
- ✓ UI/UX design
- ✓ Search engine optimization
- ✓ Android Apps development
- ✓ Video Editing etc.

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