North South University

Department of Electrical and Computer Engineering

Freelancing Website Platform

Database System Lab
CSE311L
Section: 4
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Submitted By
Kayes Ibna Qayum
1712401642

CSE311 Lab
Section : 4
North South University

Course Faculty
Intisar Tahmid Naheen
Professor
North South University

Lab Instructor
Nazmul Alam Dipto

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1 Introduction

Bangladesh freelancing market is growing yearly. Our mission is to create Bangladesh's own freelancing website platform which will attract foreign contractors and Bangladeshi contractors to post jobs and projects in this platform then Bangladeshi freelancing community get first priority in bidding, Through ensuring security and quality our platform will attract contractors. This way we will create more jobs in Bangladeshi and bring more and more freelancing jobs for Bangladeshi youth.

2 Motivation

Bangladesh is earning yearly millions of dollar through freelancing and outsourcing or contact based work from foreign countries. Furthermore, there are hundreds of companies in Bangladesh. However, when it comes to freelancing project, there are not any freelancing website for Bangladeshi peoples, so even Bangladeshi companies has to post the freelancing projects in international websites when there are extremely talented and expert freelancers available in Bangladesh. Furthermore, Bangladesh's own freelancing platform will attract foreign contractors and employer's which will ultimately bring foreign money in Bangladesh and build expert freelancers in Bangladesh.

Our goal is to create Bangladesh's own freelancing platform. To solve above mentioned problems and inspire Bangladeshi freelancers and youths. While promoting Bangladesh's companies freelancing will be done by Bangladeshi's and attract foreign contractors to post freelancing projects to Bangladesh's own freelancing website.

3 Objectives

- Ensuring security and quality project for contractors

- Contractors gets to know the freelancers details and experiences before employing.

- Both Freelancer and contractors can leave feedback of each other.

- Freelancer can bid for the projects.

- Contractor can test the bidding freelancers by giving them small task before employing

- Contractor can compare bidding price of the freelancers

- Both contractors and freelancer will have messaging option

- Notification for any changes

4 Target Customers

- Foreign Contractors - People who post jobs and project to our platform. They are the contractors and will pay the money to the freelancers.

- Bangladeshi Contractors - People who are Bangladeshi and contractors looking for experts to complete the project,

- Bangladeshi Freelancers - People who will bid for project and receive the money after completing the task.

5 Project Details

Details of the project that includes Features, Environment and tools. Furthermore, Challenges project might face in long run and Timeline and deliverable of the project.

5.1 Environment and Tools

- Laravel (PHP Framework)

- MySQL

- Firebase

- HTML AND CSS

- Javascript

- Ajex

- bootstrap

- Web server and hosting

5.2 Value Proposition

This website will ensure the quality and security for the contractors by Implementing services such as review the project of contractors and suggest estimation of the price for the particular project and furthermore Smooth the experience for the contractors and reduce the hassle of the contractors. Moreover, Freelancer will have guaranty of the money after the project is done, so there will be no uncertainty. Contractor can also block the money transfer if the project is not complete or anyone try to scam them, in that case our team will look at the issue. Both freelancer and contractor will have a hassle free experience.

5.3 Features

- Login and Registration

- Post project

- Edit and update project details

- Reply to contractors comments

- Message option

- Bidding option

- Feedback and Review

- Freelancer profile

- Freelancer experiences

- Freelancers Previous Works

- Notifications

- Complain Option and many more

5.4 Challenges and Issues

One of the biggest challenge is cost. As there will be a huge data like image, details, Messages etc, For, those we need to use firebase and hosting server and many other services. After that there may be a chance of high cost maintenance. Second challenge will be the verification of data. We will need to check if the data entered are reliable or not. Although Bangladesh has started digital NID cards but to access the database will not be easy.

Third challenge is Attracting the contractors and freelancers. Lastly, connection or providing security for online payment will be difficult.

References

[1] Upwork.com

[2] freelancer.com

[3] YOUTH4WORK

[4] WORKNHIRE