NORTH SOUTH UNIVERSITY

Department of Electrical & Computer Engineering

Project Proposal

Group No: 06

Summer 2021

Project Topic: Online Service Marketplace

Course: CSE 299

Section: 06

Faculty: Shaikh Shawon Arefin Shimon (SAS3)

Project Partners:

1. Name: Abdul Hannan Anik
    ID: 1812091
    Email: hannan.anik@northsouth.edu

2. Name: Shaon Kumar Das
    ID: 1812613
    Email: shaon.das@northsouth.edu

3. Name: Pinaki Ranjan Das
    ID: 1813087
    Email: pinaki.ranjan@northsouth.edu

Git Repository: https://github.com/NSU-SU21-CSE299-6/Group06

Date of Prepared: 27/06/2021

Introduction

The value of our time is constantly increasing day by day. This is why people are moving towards online services. For the household service, to get an expert household service provider is very difficult and time consuming. Our web application will help people to solve this problem. With our web application people can hire expert service providers and to get things done without any hassle. We give people the opportunity to select their required service and they can hire one of our verified professional service providers.

Features

- Users can create an account and sign in using email.
- Users can choose the service what they need.
- Users can choose date and time for service.
- Users can request the service.
- Users can pay via online mobile banking system.
- Users can review about the service.

Technology

➢ *Frontend:*

For the front-end development we will use HTML and CSS. We will use HTML to define a structure of a web page and use CSS to style the web pages by using different styling features. We will try to use React and Material-UI for better frontend design.

➢ *Backend:*

For the back-end development we will use PHP and JavaScript. We will also use REST API. To develop the better project, we will try Django if needed.

➢ *Database:*

For the database aspect of this project, we will use Google Firebase. Firebase give us realtime database, login authentication and cloud storage facilities.

Monetization

We will charge 10% from service provider for every service. If the user pays via online, we will cut our percentage automatically. But if user pays through cash, service provider pays our charge via online.

Social Impacts:

This web application will aim to make finding suitable and better household service for home and office easier. People will get all type of household service in their hand. As all the service provider will be experienced and verified, so no worries about the quality of work.