



**North South University**

Department of Electrical & Computer Engineering

**Project Proposal**

**Group No:**

**Fall 2020**

**Project Name:** Pet Buy & Sell

**Course No:** CSE 299 **Sec:** 02

**Faculty:** Shaikh Shawon Arefin Shimon (Sas3)

**Member 1:**

**Name:** Shaifur Rahman Shawon

**ID:** 1712760642

**Email:** [shaifur.shawon@northsouth.edu](mailto:shaifur.shawon@northsouth.edu)

**Git Repository:** <https://github.com/SharifurRahmanShawon/CSE299/blob/main/README.md>

**Date Prepared:** 13/11/2020

## INTRODUCTION

I want to build a Pet online shop for pet lover. Where they can buy and sell in same place. When someone try to buy a pet like cat, dog, various types of bird, fish, etc. in local shop, sometimes they couldn't find that. Therefore, I think that I could built an online platform for them so that they can find their pet in short amount of time. That is why I want to build this web site called Pet Buy & Sell

This site will make a biggest community of pet & pet lover.

## FEATURES

- Easy signup process using the users with Gmail address
- Customizable profile – an user can update their profile photo, basic information and contact information
- Bulk SMS can be sent
- Search section – they can search for pets
- Real- time chat
- User can be searched using company names
- Auto suggestion assistant – this enables fast search results of pet
- Admin Panel – the admins will have full control over the whole system adding/updating company names and/or updating other information

## TECHNOLOGY

We decided to go with latest technologies for developing this application in order to give users a better experience.

### *Frontend*

For the front end, we will be using HTML, CSS, and JavaScript. This enables cross platform development, which allows the web app to be compatible with both PC and mobile platforms. It also gives a more premium user interface and smoother experience.

### *Backend*

PHP will use for backend. PHP ensures rapid development providing high security and maintenance.

### *Database*

We will be using MySQL as the database.

### *Additional technologies*

Although for php will be used to allow users to login using their Facebook and/or Google account.

We will integrate a real-time chatting system using php within the website.

### **Database**

The database was the trickiest part for a system such as this. We needed something with a graph structure. However, due to time constraints and the complexity of designing such a structure on a huge existing database became rather difficult. We ended up using phpmyadmin, it will handle our entire database. It is not a fast and easily accessed like a graph-structured database but it does quite good with the limited data involved.

### **Payment**

Our user can pay in several ways. They can pay in cash on delivery or by card. Card works on reputed shop only.

### *Profit*

When seller post an add they have to pay a registration fee. There are few label of reg. fee. The label are:

- 0% on small transaction like 0-1,000
- 5% on medium transactions like 1001-10,000
- 10% on big transaction like 10,001-no limit

This registration fee will collect by the website.

This is how this application is profitable for all of seller, buyer and developer.