



North South University

Department of Electrical & Computer Engineering

Final Report1 #1

Group No: 11

Fall 2020

Project Name: Pet Buy & Sell

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

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

Date Prepared: 13/11/2020

INTRODUCTION

I built a Pet online shop for pet lover. Where they can buy and sell in same place. When some one try to buy a pet like: cat, dog, various types of bird, fish, etc. in local shop, some times they couldn't find that. So, I built a online platfrom for them so that they can find their pet in short amount of time. That's why i want to built this web site caled Pet Buy & Sell

This site will make a biggest comunity 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
- Search section – they can search for pets
- 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, 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 phpmyadmin as the database.

Additional technologies

Allauth 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 as 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.