REPORT

INTRODUCTION

The purpose of this project was to develop a website that facilitates the donation of children's used products. The website allows users to register, browse available products, donate items, and communicate with other users. The project was implemented using Python as the programming language, Flask as the web framework, CSS for styling, XAMPP for the database server, and a database connection for storing and retrieving data.

REQUIREMENT ANALYSIS

The initial phase involved gathering and analyzing the requirements for the website. The key requirements identified were:

User registration and authentication

Product listing and browsing

Donation functionality

Messaging system for communication

User-friendly interface

Database for storing user and product data

TECHNOLOGY STACK

The chosen technology stack for this project included:

Python: Used as the primary programming language for implementing the backend functionality.

Flask: A lightweight web framework that provided routing, templating, and other essential features for developing the website.

CSS: Used for styling the web pages and creating an attractive and intuitive user interface.

XAMPP: A popular open-source solution for running a local web server and database server.

Database Connection: Established a connection between the Flask application and the XAMPP database to store and retrieve data.

CONCLUSION

The website development project for donating children's used products was successfully implemented using Python, Flask, CSS, XAMPP, and a database connection. The final product fulfilled the initial requirements