

**Palestine polytechnic university**

**College of information technology and computer engineering**

**Department of Information Technology and Computer Science**

**فيد و استفيد**

**Team members:**

**Diana Mujahed Yafa Farajallah**

**Supervised by:**

**Mohammed Jabari**

**2019-2020**

Abstract

The project aims to build a website that allows people to exhibit the things they want to get rid of by donating, selling or swapping them with another kinds of belongings which exhibited in the website. The website will provide users with the exact location of the belonging, so they can go and bring it, or they can ask to be delivered to them, also Charities can subscribe to the site to collect donations.

The importance of this project is that it makes a cross point area for all belongings, so people know where to exhibit their belongings they want to git red of, and buyers know where to search about low price and used things.

Table of Contents

[Introduction 4](#_Toc23536723)

Introduction

Problem statement and motivatoin:

As it is known, if we want to git red of a belonging in order to buy a newer one, the best act is to sell it or to denote it, but not to throw it in random places and mess the environment.

However, the bad exploitation of belongings that people want to get rid of after they buy new ones without giving such things to people who might need them is a common issue .

In response to this problem, we decided to create a website that allows people to exhibit the things they want to get rid of by donating them, selling them or swapping them with another kind of belongings which exhibited in the website.

Role Distribution :

Where both members will participate in all phases of system development, the team consists of two members between programming, information gathering, analysis and other tasks in order to bring the project to a high level of efficiency.

1. The first role: gathering information about the system and then planning the system.

2. The second role: to determine the requirements of the system based on the information collected.

3. Third Role: System Requirements Analysis.

4. Fourth role: System Design.

5. Fifth role: Programming and development of the system.

6. Sixth floor: Check the efficiency of the system and ensure that it includes all requirements.

7. Seventh floor: Documentation of the system.

Limitations :

There are several limitations that must be taken into account during the process of building and operating the system:

1. Work within the specified budget.

2. Build the system within the specified period.

3. Availability of a central server for the system.

System Development Resources

During the process of building the system it is necessary to have a set of supplies necessary to complete the system construction, namely:

1. Software Sources: Includes all software components required for system development.

Table 1.2 : Software Sources

|  |  |
| --- | --- |
| Programming component | count |
| Windows 10 | 2 |
| Microsoft Office 2016 | 2 |
| Visual Studio Code | 2 |

2. Physical resourses: Includes the physical components needed to develop and build the system.

Table 1.3 Physical Sources

|  |  |  |
| --- | --- | --- |
| Physical components | Specifications | count |
| Computer device | Core i5 laptop, 6 GB RAM | 2 |

3. Human Resources:

This includes the team working on building the system.

1. Database Developer: Build system databases and create relationships between tables.
2. System Designer: Fully designed system interfaces.
3. System Programmer: Work on programming and building the application

System Operating Sources

Physical sources:

1. Internet.

2. Central Server to allow login and access of information(Multi Core CPU, RAM 8GB).

3. Computers(Core I5, RAM 4GB).

Software Sources:

1. Operating systems used in computers such as Windows 10.

Human Resources:

1. System users such as ordinary people, whether the seller or buyer and charities

2. System Developer: Fixes problems or errors that may occur during system operation when needed.

Chapter summary:

This chapter reviews the problem faced by many companies and institutions in managing their tasks. From the introduction to the proposed system for development, And the definition of the system to be developed and its objectives, As well as the importance of the system and the scope of the system, as well as the methodology used to build the system, Also, the distribution of roles and timeline of the project were presented. Physical, programmatic and human resources were selected for the development and operation of the system and The limitations and limitations of the system to be developed were reviewed