Laundry Pricing System

Software Requirement Specification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | Group C |  |  |
| **1** | | **OCHOGA EMMANUEL OCHIMA** |  | **18/47788/UE** |
| **2** | | **OGWUCHE BOND OGENYI** |  | **18/47811/UE** |
| **3** | | **OMAJI FAVOUR JOHN** |  | **18/47726/UE** |
| **4** | | **EKERE JAMES OGBADA** |  | **18/47754/UE** |
|  | **5** | **DUGERI TERHIDE MOSES** |  | **19/52286/DE** |
| **6** | | **OLEGBO GLORIA OGOLOINU** |  | **19/52271/DE** |
| **7** | | **IKWUMENU RAYMOND** |  | **18/47799/UE** |
| **8** | | **IORNGBOUGH CHARLES ORJIGHJIGH** |  | **18/47719/UE** |
| **9** | | **AJERO MIRACLE** |  | **18/47774/UE** |
| **10** | | **OKONKWO PRECIOUS OBIAGELIAKU** |  | **18/47751/UE** |

Table of Contents

[1. Introduction](#_Toc4631)

[1.2 Objective](#_Toc4633)

[1.3 Scope of the Project](#_Toc4634)

[1.4 Overview of Project](#_Toc4635)

[2. Overall Description](#_Toc4636)

[2.1 System Requirement](#_Toc4637)

[3. User Requirements Definition](#_Toc4638)

[4. System Requirement Specification](#_Toc4639)

[4.1 Functional System Requirement](#_Toc4640)

[4.2 Non-Functional System Requirements: 6](#_Toc4644)

[4.2.1 Performance Requirements](#_Toc4645)

[4.2.2 Safety Requirements](#_Toc4646)

[4.2.3 Security Requirements](#_Toc4647)

[5. Hardware Requirements](#_Toc4648)

[6. Software Requirements](#_Toc4649)

# **Introduction**

## Purpose

The Software Requirements Specification (SRS) will provide a detailed description of requirements for the Laundry pricing system. This SRS will be helpful for complete understanding what is to be expected from the newly introduced system which is to be constructed. The clear understanding of the system and its functionality will allow for the correct software to be developed for the end user and will be used for the development of the future stages of the project. This SRS will provide the foundation of the project. From this SRS, the Laundry pricing system can be designed, constructed and finally tested. The Project team will use the SRS to fully understand the expectations of the Project to construct the appropriate software. The laundry end users will be able to use the SRS as a “test” to see if the constructing team will be constructing the system to their expectations.

## Objective

* To deal with Laundry pricing system in an easy and an efficient manner.
* Create strong and secrete database that allow for any connection in a secret way, to prevent any outside or inside attacks.

## Scope of the Project

* Laundry pricing system is designed for a Laundry store
* There will be well articulated steps in making a dry-cleaning order.
* He/She checks the cost of dry cleaning each item before placing an order from the internet.

## Overview of Project

Laundry pricing system is a web application which aims at computerization of current procedure of Visiting a Laundry. Currently the process involves customers visiting the laundry and making a whole lot of explanation which involves a lot of crowd at the laundry, hence, it gets stressful and overwhelming .

# **Overall Description**

## System Requirement

The system is a Web Application:

The Customers can view the price of each product online and can make order and the orders will be attended to and feedback.

# **User Requirements Definition**

The user requirement for this system is to make the system fast, flexible, less prone to error, reduce expenses and save the time.

1. Less human error
2. Strength and strain of manual labor can be reduced
3. High security
4. Easy to handle
5. Easy data updating
6. Easy record keeping
7. Backup data can be easily generated.

# **System Requirement Specification**

## Functional System Requirement

This section gives a functional requirement that applicable to the Project.

These are sub modules in this phase.

### 

## Non-Functional System Requirements:

### Performance Requirements

Some Performance requirements identified is listed below:

1. The database shall be able to accommodate a great amount of records to store.

### Safety Requirements

The database may get crashed at any certain time due to virus or operating system failure. Therefore, it is required to take the database Backup.

### Security Requirements

Some of the factors that are identified to protect the software from accidental or malicious access, use, modification, destruction, or disclosure are described below. Keep specific log or history data sets

1. Assign certain functions to different modules
2. Restrict communications between some areas of the program
3. Check data integrity for critical variables
4. Later version of the software will incorporate encryption
5. techniques in the user/license authentication process.

# **Hardware Requirements**

* Processor: Pentium or greater
* RAM: 512MB
* Hard Disk: Depends on how much data is stored in DATABASE (min 1GB)
* Keyboard
* Monitor

# **Software Requirements**

* OS: Linux, Windows, Mac
* Database: MySQL