Software Requirements Specification

for

eLaundry

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Chapter 1: Introduction

1.1 Purpose

The current Laundry firm uses a manual system for the management, and it is challenging to maintain critical information. The current system needs many written forms and data stores spread throughout the laundry management infrastructure. Often data is incomplete or does not follow management standards. Records are often lost in transport during computation requiring a comprehensive auditing process to ensure that no vital information is lost. Many copies of the same data exist in the laundry firm data. This project will take care of these inconsistencies. It is a website dedicated to catering the needs to one's laundry needs.

1.2 Intended Audience

We all need to wash clothes to use them in our regular life, which will be an integral part of our lives. Back in the day, when women used to stay at home and took care of household chores, women imposed the duty of washing clothes on them. Still, as women have entered into the corporate world, their duties and responsibilities have also changed. Working women might not be devoted to household chores like they used to back in the day. Thus washing, ironing, and getting them dry clean has become a burden for us. The web service developed by us can easily take care of this system. This website will allow those working women to get rid of the burden mentioned above at the expense of a few clicks and taps.

1.3 Intended Use

Intended use means who will have to access the srs, use it, and have the right to edit it. Our project is a website-based project. Our project will be accessed by the developer, tester, and project manager. It will be easy for the users to use the software if they know about your software's constraints and assumptions. If the bug testers learn about the risk definitions, it will be easier for them.

1.4 Product Scope

This project has varieties of functionalities. There is a sign-up page on the laundry website. Users can sign-up for this website with their name, email, and password. Users log-in to the page by using a specific username. Then the user enters into the homepage. He/she can see all Products with the price on the homepage. There will be added to cart button beside every product. Each item you add to your cart will be added to your cart. After you click the order button, the website will take you to the order now page. There you can see the total price and the delivery methods. You can pay in cash on delivery and online. You can add comments in the comment box. After that user click the order now button, and then the order will be placed. There is another function that is my order page. By going into my order page, the user will see their charges that are being placed.

1.5 Risk Definition

- **Scope risk:** Scope risk is one of the most famous project risks. It is affected to the project objectives, outputs, and timeline. There are many possible steps to this unfortunate happening. It avoids ensuring the team does not add extra tasks and does not spare time for the project.
- **Cost Risks:** Cost risk is one of the most common and most significant threats to their financials. It is essential within the developers' budget and makes a sufficient profit for clients to their project. But we do not need money to develop our project. Skill is enough.
- **Time Risks:** If there is not enough time to complete the project comfortably, we do not project efficiently. It avoids that the team member has proper enough time, the project complete efficiently.

Chapter 2: Overall Description

2.1 User Classes and Characteristics

The user of the system should be able to the laundry information from the database. This system has one type of user as a customer. Customers will access the customer function. The functions are

- Sign Up
- User log-in
- Homepage
- Order list
- Add to cart
- Order page
- Oder list
- User log-out

2.2 User Needs

This website will have a user-friendly UI. So that user can manage their laundry easily, and the functionalities of this website are straightforward. Therefore the user will not face any hassle while giving their order from the website.

2.3 Operating Environment

The operating environment is for eLaundry is as listed view:

Client/server system
Operating system: Windows.
Database: sql+ database
Platform: laravel framework,php, JavaScript, jQuery,css, bootstrap

2.4 Constraints

The maximum project has constraints. No project is 100% accurate.
This project also has constraints.

- If the server is down, the project does not work.
- Customers do not order by the app because this project is a website project.

2.5 Assumptions

Assume that this is a distributed eLaundry system, and it is used these applications:

- For ordering user must have a user id. Without user-id, he/she cannot order.
- There will be a table in the database named cart. Inside the cart, there will be a product id against the user id. After the order is placed, the products will be shown on my order page from the product id.

Chapter 3: Requirements

3.1 Functional Requirements

When user sign-up, user need to put their username, email, and password and submit it using the form and the data will be stored in a database server could log in with their username and password into their account. User can select their items and add those items to the cart. For placing an order user need to go to the order now page by clicking the order now button, and he/she need to select the payment method and place an order User can see their order history by going into my order page

3.2 Non Functional Requirements

- **Cost:** Do not need any money to develop the project; skill is enough.
- **Performance:** This project will be very efficient and do not time-consuming.
- **Availability:** Anybody registration and use this project. There will not be restrictions.
- **Security:** It will be a fully encrypted website so that data will be secured.