



# SUN-DRY

LAUNDRY SERVICES

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## Overview

The main aim of the project is to create a program using the interface of MySQL and python that can help in management of a Laundry and Wardrobe Store. This project will make the work of an employee as well as the owner easier for an instance accessing the details of the customers as well as modifying or updating or altering them to some extent. The project makes an efficient use of technology. Moreover, it is a step towards developing a whole system of data handling.

## Goals

1. The insertion of the customer details for the different services they chose in different tables to keep it simple, clean and non-confusing.
2. The services included are:-
  - DRY CLEANING
  - IRONING
  - DYEING
  - DARNING
  - WARDROBE SERVICES

Each service will have no specific rates, there are generalized prices to keep it moderate and not sophisticated.

3. Invoice will be generated at the end of the insertion , with the E- Code for the customer based on their insertion of details for different services, along with applicable rate of GST already included and total amount and the date of return for their belongings.
4. At the end, when the belongings are to be returned to the customer their record will be deleted from the tables and a final bill will be generated to them.

## PROJECT LINK

[SUNDRY GITHUB LINK](#)

## Applications

- People running a Laundry store/organization will benefit from this for their organizational and legal purposes. It acts as an efficient time saver system as the manual data entry and deletion takes time to manage as well as to keep it a well-mannered way is not an easy task.
- This program will ensure to provide smooth services whilst keeping a record of the efficiency, potential, productivity of the store. Moreover, it will make the work of the employee easier as the manual entering and discarding the records after the return of belongings is a tiring and laborious job. Relying on manual processes to manage data can result in many inaccuracies. Tracking information by hand not only increases the likelihood of human errors, but it exposes you to certain compliance risks too.
- It will help in the enhancement of the business and is private to each organization only. Nonetheless, it will also provide much less effort in calculating the total price for a customer chosen service.

## Requirements

- Python as front end.
- MySQL as backend.
- Operating System: Windows 10
- Processor: Intel
- Python and MySQL connectivity.
- RAM: 4GB



## Python Modules & In-Built Function Used

### PYTHON MODULES USED:

#### 1. MySQL connector

- `MySQL.connector` : Connects MySQL and Python
- `mycursor=mydb.cursor()` : Creates cursor object to traverse through data
- `mycursor.execute()` : Helps in passing queries in MySQL
- `mydb.commit()` : Makes permanent changes in MySQL tables
- `mycursor.fetchall` : Fetches all the records of the query passed

#### 2. IN-BUILT FUNCTIONS USED

- `len()` : to find the length of given string,tuple,array,list,dictionary etc.
- `print()` : to print data
- `upper()` : converts to uppercase
- `lower()` : converts to lowercase
- `split()` : separates a string into multiples,arranges them in a list & returns the list
- `append()` : adds an element to the end of list
- `format()` : returns a formatted representation of the given value
- `str()` : converts the specified value into a string
- `int()` : converts the specified value into an integer

## Bibliography

1. Class 12 Python Knowledge
2. Python with Dr. Preeti Arora
3. Medium Blogs
4. Youtube
5. Google