

SUPERMARKET MANAGEMENT SYSTEM

1. INTRODUCTION :

1.1 PURPOSE :

The aim of this document is to specify complete description of the Supermarket Management System to be developed. It is basis for agreement between suppliers and customers about the product to be developed. This document is going to describe functionality, external interfaces, performances, attributes and design constraints of the system.

1.2 SCOPE :

This system will provide the larger facilities to operating and managing the details of supermarket so that the usability for administrator or user become high. This project will satisfy the powerful requirements for larger Supermarkets and will provide the reliability for the user.

1.3 OVERVIEW :

We are going to focus on describing the system in terms of product perspective, product functions, user characteristics and assumptions. Next we will address specific requirements of the system such as performance requirements. There are two users in this system

- Administrator
- User

1.4 Administrator :

- Admin person can add, edit and delete items
- Admin person creates users of the system giving some authority not all.
- Admin person controls daily sells and feedbacks from customers.
- View the history of the customers who purchased the items.
- The main role of the administrator is to safeguard the database and can add/delete the products from the database.

2 External Interface Requirements :

2.1-HARDWARE REQUIREMENTS :

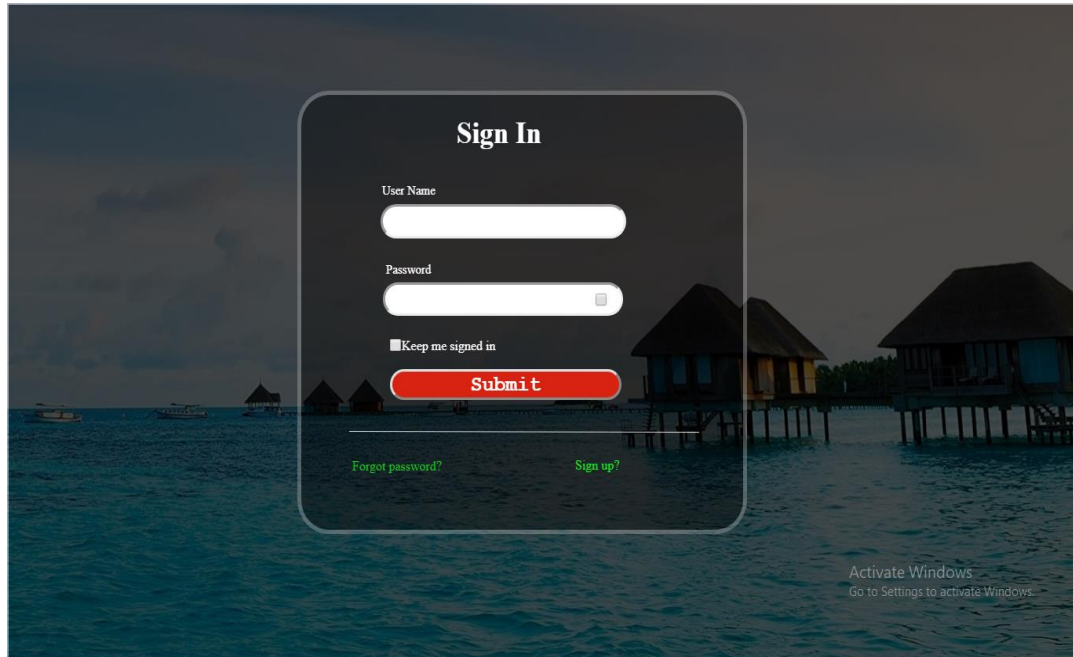
Hardware requirements			
Item No	Item Name	Minimum	Maximum
1	RAM	2GB	4GB
2	PROCESSOR	2 GHz	2.4 GHz
1	HARD DISK	40 GB	500 GB

2.2-SOFTWARE REQUIREMENTS :

Software requirements		
Item No	Item Name	Version
1	XAMPP	1.0
2	Google Chrome	71.0.1578.98
1	NOTEPAD ++	2.7

3.MODULES DESCRIPTION

3.1)SIGN IN :



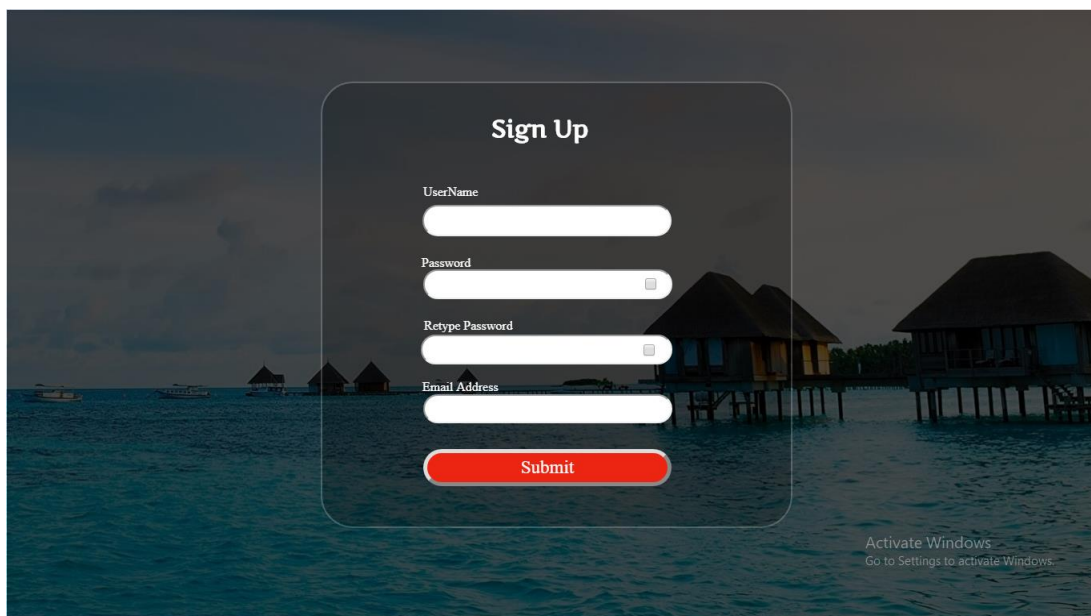
The image shows a 'Sign In' form overlay on a background of a tropical beach with overwater bungalows. The form is titled 'Sign In' and contains the following fields and elements:

- User Name**: A text input field.
- Password**: A text input field with a toggle icon on the right.
- ☐ **Keep me signed in**: A checkbox with the label 'Keep me signed in'.
- Submit**: A red button with the text 'Submit'.
- [Forgot password?](#): A green link below the password field.
- [Sign up?](#): A green link to the right of the 'Forgot password?' link.

In the bottom right corner of the background image, there is a small text overlay: 'Activate Windows Go to Settings to activate Windows'.

If any administrator wants to enter in the system , he/she has to give his/her username and password. If the given details matches with existing one it allows the administrator. Else it shows an error.

3.2)SIGN UP :



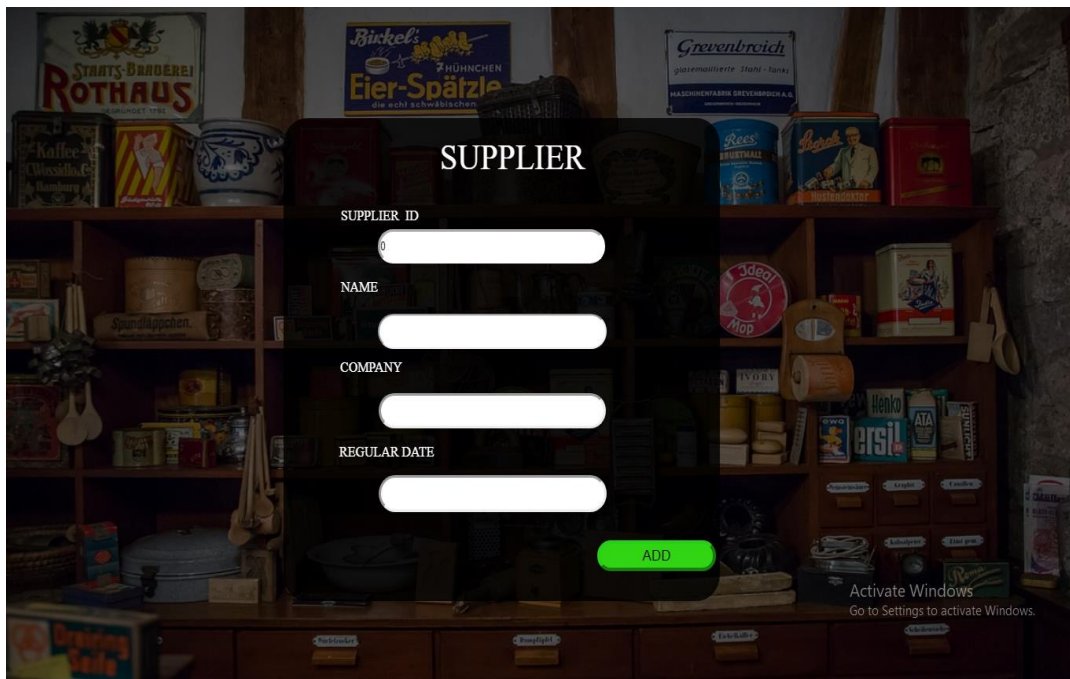
The image shows a 'Sign Up' form overlay on the same tropical beach background. The form is titled 'Sign Up' and contains the following fields and elements:

- UserName**: A text input field.
- Password**: A text input field with a toggle icon on the right.
- Retype Password**: A text input field with a toggle icon on the right.
- Email Address**: A text input field.
- Submit**: A red button with the text 'Submit'.

In the bottom right corner of the background image, there is a small text overlay: 'Activate Windows Go to Settings to activate Windows'.

If the user is new to the system , he has to enter the required details and submit it.

3.1)SUPPLIER :



SUPPLIER

SUPPLIER ID

NAME

COMPANY

REGULAR DATE

ADD

Activate Windows
Go to Settings to activate Windows.

In this module , we can store the details of all the supplier And we can update the details.

3.4)INSERT PRODUCT[STOCK] :



Insert Your Products

Product id

Name

Brand

Serial No

MRP

Quantity

ADD

Activate Windows
Go to Settings to activate Windows.

In this module , we are storing the details of every product . Instead of giving of id of every product , we can use a scanner to implement it. We can insert the new product or we can update the number of products that already exist.

3.5)WORKER :

WORKER REGISTRATION FORM

EMP ID NUMBER

FIRST NAME LAST NAME

DATE OF BIRTH DATE OF JOINING

EMAIL ID MOBILE NUMBER

GENDER Male ☐ Female ☐

ADDRESS

PIN CODE

STATE COUNTRY

It gets the details of all workers and store it in the database . here we have 1 options called add , update and delete to their corresponding operations.

3.6)BILLING :

BILLING

Invoice no

Customer name Mobile Date

Product id Name Brand SNo

Unit Price Quantity Total

Product Id	Name	Brand	Serial No	Quantity	MRP	Total

Total

It gets the customer name and mobile number from the customer . While scanning the barcode of the products , it automatically fills the required fields and adds it to the invoice. We can see all the products which are bought and if we want to remove the item we have the option called remove. If there is any discount for the product it automatically calculate the amount . If we want to abort the process we can use the cancel option to do it.Finally the total price will be displayed and by clicking the print option we can print the invoice.

