#### AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Project name : Super shop Management System

Group name : Team NSA

Group no. : 01

Department : Computer Science and Engineering

Section : C2

Semester : Spring 2020

Year : Second

# Group Members:

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Introduction : This a Database management System project. Basically it can manage the whole system of a super shop. By using our project system we can keep track on the import items, export items and remaining items. We can also see how many employees working currently in the shop.

## Required tools

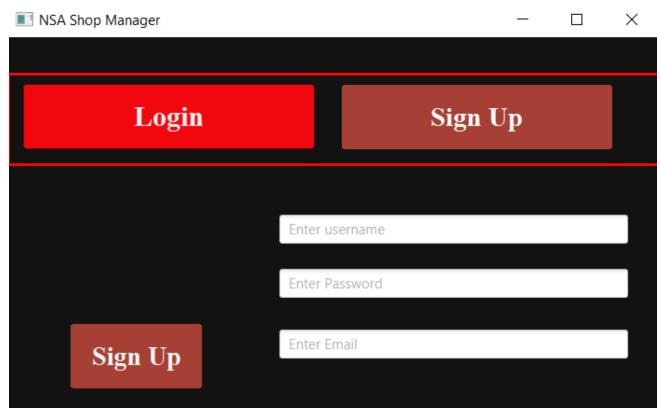
Language : JavaApplication : Java FxIDE : Netbeans

• Database : Xampp Control Panel

• Others : Scene Builder

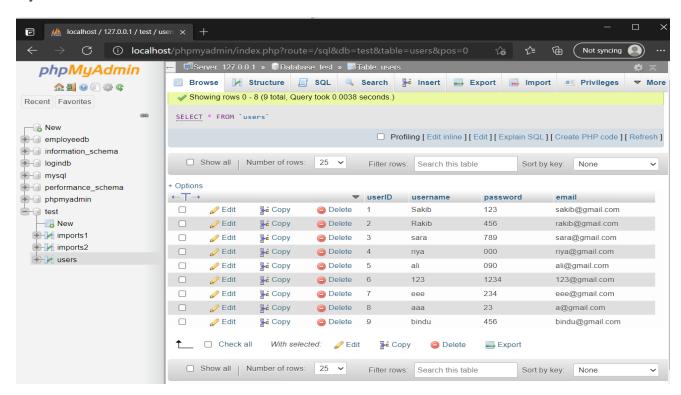
#### Features :

1)

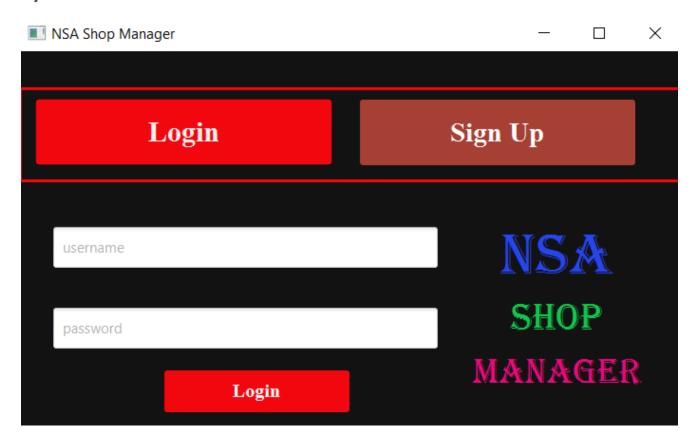


This is our first interface after we run our project. Here a new employee can give his/her information to create a new account in the application.

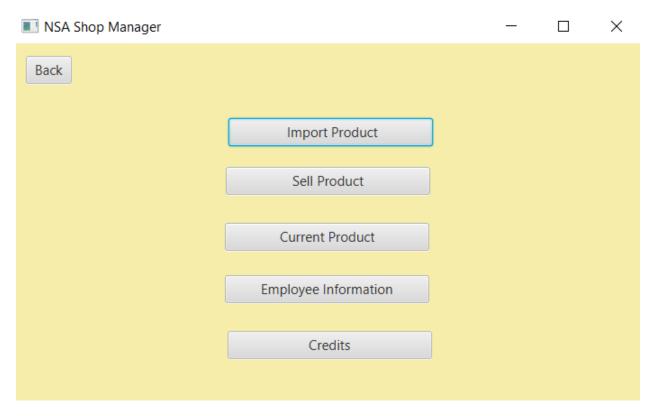
2)



This is the XAMPP database control panel when any employee will sign up in to the application their information will store at here.



Employees who have already signed up can log in to the application by using their username and password.

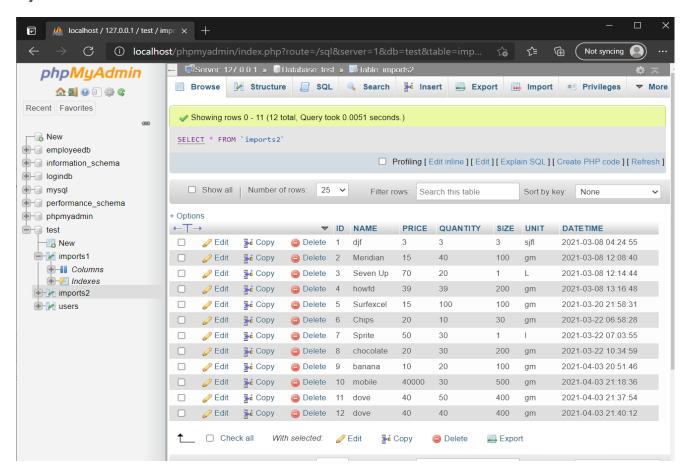


After the login process user will see this interface. Where he/she can decide which process he/she needs to visit.

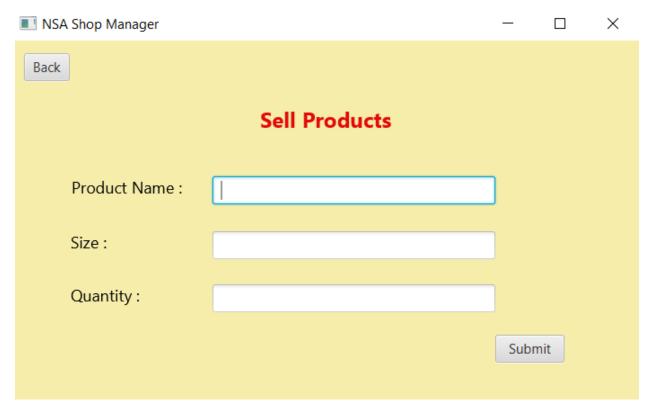
NSA Shop Manager	_	×		
Product Name:				
Price :				
Quantity:				
Size/Weigh				
Unit				
Previous Info. :				
	S	UBMIT		
		Back		

This is our import product interface. Here we can add any product in the shop. To do that we have put the product name, price, quantity, size and unit.

One thing to mention here is that, all possible exceptions are handled properly.



The product which we added in the import interface will be saved here in the XAMPP control panel.



This is our sell product interface where we can remove product information when any product will be sold out.

		Current Pro	oducts					
Name	Price	Quantity	Size	Unit	DateTime	ID	+	
Sauce	103.0	30	300.0	gm	2021-03-08 02:15:33.0	1	â	
mobile	40000.0	10	200.0	gm	2021-03-08 02:17:12.0	2		
mobile	40000.0	10	500.0	gm	2021-03-08 04:24:55.0	3		
Meridian	15.0	40	100.0	gm	2021-03-08 12:08:40.0	4		
Seven Up	70.0	20	1.0	L	2021-03-08 12:14:44.0	5		
howfd	39.0	39	200.0	gm	2021-03-08 13:16:47.0	6		
Surfexcel	15.0	50	100.0	gm	2021-03-20 21:58:31.0	7		
Chips	20.0	10	30.0	gm	2021-03-22 06:58:28.0	8		
Sprite	50.0	30	1.0	I	2021-03-22 07:03:55.0	9		
mobile	40000.0	30	500.0	gm	2021-03-22 10:34:59.0			

This is our current product interface where we can see product details currently present in the shop.

Here we have an option to update product information. By clicking update button we will go to our update interface which is shown below.

NSA Shop Manager		_	×
Product ID : Product Name :			
Price :			
Quantity:			
Size/Weigh			
Unit			
Previous Info. :			
chocolate 20 30 200 gm'''U	SUBMIT		
	Back		

This is our update interface where we can update any product we want.



This is the employee information. Where manager can see necessary employee informations.



This interface shows the name of the developers.

**Future plan**: As this is an inventory management project. Our next plan is to explore it with many shop owners. Shop owners can manage their whole shop with this project/application. As this is the first edition of this project, we also have some plans to add some new features. In the future, we will make our employee information dynamic. Owners can upsize/downsize employees with that dynamic features. We will also include an option to access the application for employees, managers, and owners. We will also work on the project to beautify its UI with an animation effect.

### **Conclusion:**

- \* The system was mainly designed to reduce the manual work of updating and tracking and also make it easier for the user.
- \* It also provides flexible and powerful reports regarding issue details and stock details.
- \* Thus inventory system was implemented successfully.