Project Charter

Title of the Project :	Texttile Management System for Dammika tex
Batch :	Batch 5 -Group 7 (Weekday-Malabe)
Development Technology :	Angular js, Spring boost

Description of the Project:

Dammika Tex (Mirigama) is unisex clothing, toys store. They required a system to manage the most important aspects of the business.

The system is designed to manage the sales, employee information, store, order information, etc. within the organization.

They keep all their information in the books. They also issue bills to their customers through bill books. So, when they needed to find some information, they had to spend plenty of time on the Turning books and recording transactions. As A Result, there was some difficulty in the day to day activities.

Due to the busyness of the organization, they wanted to make their day to day work easier and quicker. So, they chose this system.

There are many other functions in this system, including Sale management, Employee management, item management, Stock management. So, this system is important to the organization because it makes the day to day operations easier and faster and the business easier to manage.

Details of the Group Members: *(Provide the details of the group leader in the first row)*

	Name with Initials	Registration Number	Contact Phone Number	Email
1.	Pinto R.D.S.P	IT19016894	0779716788	It19016894@my.sliit.lk
2.	Vidarshana K.L.G.T	IT19094328	0764621269	karandhanagayathri925@gmail.com
3.	Sandaruwan K.L	IT19023342	0718991994	Www.Lahirusandaru1@gmail.com
4.	Dissanayaka G.E.M	IT19114422	0703359795	erangagineth@gmail.com
5.	T.V.Thimira Isiwara Vithanage	IT19171302	0719798300	thimiraisiwara98@gmail.com
6.	U.I.Sandamali	IT19079646	0769705372	uisandamali7711@gmail.com
7.	U.S.Malsha	IT19049014	0716980551	ssasihiu@gmail.com
8.	G.L.I.R. Liyanage	IT19057248	0724610165	riyanaishini2@gmail.com

List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	Pinto R.D.S.P	**Sale Management** - Cashier Enter Details of customer to the system. Cashier or Admin can update, delete, search customer details. - Cashier can Issue gift vouchers to the customer. - When customer purchases Items, Scan item barcode by the cashier and get details (name, item code, price) of each item. - If customer does not want to buy any scanned item cashier can remove that item. - Also, cashier can Reset or Cancel that Bill before finalizing. - If give discount for item calculate the final price of item. - Customer can choose payment method (cash, credit card, gift voucher). - After all, calculate the total bill and print the bill. - The system also facilitates generate report of sale summary.
2.	Vidarshana K.L.G.T	**Employee management** - This function includes insert employee details and update, delete, search employee details. - Also recording OT hours, salary amount, payment details, advance payment, attendance marking and manage the leaves of each employee. - And if advance amount is paid it will be recorded. - At the end of the month the system creates a report about the employee attendance, OT hours, Advance payment, and the total salary.
3.	Sandaruwan K.L	**Item management** - This function includes insert new item to the system. And generate barcode for each item. - Also, user can update, delete, search item details. And tag items to relevant categories. - The system also facilitates generate report of item summary.

4.	Dissanayaka G.E.M	**Stock management** • This function includes inserting stock details into the system. • If selling something, then stock details must be updated automatically, and if return goods to supplier for any reason then it must be update by user. • The user can remove the specie stock details from the system. But it must have a special reason. • The user can search stock details of each item, from using item name or code. • And the end of the week the system generates the report.
5.	T.V.Thimira Isiwara Vithanage	**Order management** • Order details (Item name, rate, Quantity, etc..) enter to the system and select relevant supplier then ordering email send to the supplier via system. • Because of special reason user(owner/manager) can cancel order with in a one week, can update order with in a one week, also user can search orders details. • The system also facilitates generate report of order summary in month.
6.	U.I.Sandamali	**User management & Payroll** • Admin create user account for each system users (cashier, manager, etc.). Also, admin selects the role (cashier, manager, etc.) of the user then access permission automatically grants to the user accounts according to their job roll. • Admin & relevant users can update their account details. Also allows user to change their password. • Only admin can delete user account from the system. • System facilitate generate a report of user's activity log in system. • In payroll, admin get employees payment details from employee table and calculate final salary and then auto generate salary sheet.
7.	U.S.Malsha	**supplier management** • Managing supplier details such as addition of new suppliers by storing their contact information, updating it, and deleting it. Also search supplier details. • Generation of report which gives information of a suppliers. And Generate report which gives supply information of each supplier.

8.	G.L.I.R. Liyanage	**Finance management** • When the asserts amount and liabilities are given from the financial professionals it will be added and then it will calculate the equity. Then a simple balance sheet will be generated. • The amount of utility bills (water bill, electricity bill), number of employees and total of employee's salaries will be entered to get an idea about how the company can decrease those amounts. • Net income and total expenses will be added, and it will generate a graph showing how income and expenses vary for five months.