Sri Lanka Institute of Information Technology
Information Technology Project
Year2, Semester 2 - 2023

Project Charter

Title of the Project:	Web centralized platform for Dean Apparel (PVT) LTD
Batch:	Y2S2 Malabe Weekday	Group No: T26
Development Technology:	JAVA J2 EE, MySQL Workbench 8.0, JSP, Servlet, Bootstrap 5.0, JQUERY , AJAX…..
Client:	DEAN Apparels (PVT) LTD

Description of the Project:

DEAN Apparel (PVT) LTD is one of the top brands in the world of clothing, offering high-quality items at competitive costs.

Dean Apparel provides a wide variety of products. including pants t- shirts, shirts.

The system, which is a web portal application, simplifies the process for DEAN Apparel PVT LTD stakeholders to collaborate among themselves by providing a simple, combined platform for user-specific functions. This includes managing orders, payments, clients, employees, and inventory, among many other things. By meeting customer requirements, this system makes the business more productive.

The company's current strategy involves manually storing data because stakeholders regularly share and communicate documents by meetings and emails, which is time-consuming and inefficient.

The web portal application allows the stakeholders to collaborate and automate actions such as report generation. This system provides seamless management of services to the stakeholders as well as a centralized customer service.

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

	Surname with initials	Registration Number	Contact Phone Number	Email
1.	M.S.M. shabeer	IT21304088	0785879771	it21304088@my.sliit.lk
2.	Jayawardhana B.M.W.P	IT21262654	0761267141	it21262654@my.sliit.lk
3.	Jayasinghe S.V.M.T	IT21314742	0763221729	it21314742@my.sliit.lk
4.	Yapa Y.M.T.N.S	IT21298912	0771423182	it21298912@my.sliit.lk
5.	Ranasinghe P.A.T.D	IT21282140	0756684454	it21282140@my.sliit.lk
6.	Ranathunge S.W.H.D.D.	IT21247668	0774992822	it21247668@my.sliit.lk
7.	Chathuranga M.K.I.S	IT21271878	0765822357	it21271878@my.sliit.lk
8.	Bandara D.M.J.K	IT21261800	0713154192	it21261800 @my.sliit.lk

List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	Shabeer M.S.M	**Customer Management** - Maintains all customer accounts. To place an order with the company, a Client must first register a new account. The customer can then log in to the relevant account (using their user credentials), view, and manage account information, their recent orders, and payment options. The system has the ability of informing the user of any relevant account information. The site administrators and specific personnel roles have access to and can manage (update/deactivate) customer accounts. Account usage reports can be generated by site administrators or certain Staff roles, who can then act against accounts that have not been used for a while.
2.	Jayawardhana B.M.W.P	**Payroll Management** – This comprises of two more parts that are generally referred to as "salary management" and "payroll management." The first child component is mostly concerned with the salaries that will be paid to the company's staff, employees, and delivery men. The second subcomponent primarily focuses on the payrolls, or, in other words, the bonuses, deductions, and overtime schedules that the three sets of categories stated above can achieve. This page includes views for all graphical charts and report production.
3.	Jayasinghe S.V.M.T	**Inventory Management -** Enables both the raw materials and finished goods to be categorized and displayed. Displays the available stock (no. of available units) of each item. The stock can be updated based on received or removed units. A search bar allows the user to search an item by the item id or item name. Furthermore, reorder level of each item is shown (e.g. - red color expression indicates high demand, yellow color for medium demand etc.). This also displays a notification if a particular item needs to be reordered immediately. In addition, the user in charge of inventory is allowed to delete a particular item (e.g. - if a particular finished good is no longer been produced/a particular raw material is no longer been needed) and generate reports. Apart of it List Of Machineries with there Details and product defects are also reordered here.
4.	Yapa Y.M.T.N.S	**Delivery Management -** The organization uses a visual approach to update the delivery status on the client and customer interfaces, and the customer is notified through email of the delivery status. The order list is displayed for recent deliveries, and customers can also look up a delivery by delivery ID, name, or date using a search box. The process of producing reports takes into account the company's daily and monthly deliveries, and the delivery person is given a unique login to handle information about their vehicle, driver profile, payment accounts, and delivery history. Survey results and customer feedback are supportive of future service improvements.

5.	Ranasinghe P.A.T.D	**Supplier Management -** allows for the management of existing vendors as well as the addition of new providers. Viewing current suppliers is possible, and a search box allows one to view a specific provider by entering the supplier's name or supplier ID. Additionally, suppliers' orders and purchase histories can be shown. The list of suppliers, a list of each supplier's items, and the purchases the company has made from each supplier are all included in the report generation process. The "Goods Received Notes"-based things, also known as the GRN, are handled here.
6.	Ranathunge S.W.H.D.D.	**Employee Management (Staff/Workers) -** Employee data, contract details, benefits, pay, vacation, training, and certification requirements may all be accessed and changed at any time by using the central interface. This efficiently logs an employee's time, absence, and attendance (check-in time, check-out time, overtime, leaves, on-duty information). Additionally, this component produces performance-based reports. Additionally, accounts for employees can be deactivated. The system provides approved employers with unique logins so they can manage their own inquiries, biographies, and payment sources. In addition, you can view designations and resignations here
7.	Chathuranga M.K.I.S	**Order Management (Customer)** – After The customer who logs into the system to order specific goods will be verified up until the point at which he completes the order. This information is kept in the customer management system, where additional processes are handled, such as Order approval disapproval procedures and assigning orders to the appropriate delivery man. The list of admins can view charts, reports, and data for all payments received and orders placed.
8.	Bandara D.M.J.K	**Financial Management (Customer/Supplier/Salary)** –This is the component where all the Payments comes in and out where approval, declines, pending, refunds like status are handled and other pertinent information are controlled here and are shown in an overview way structure. The charts and reports built within the system can be used to manage and visualize progress.