



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

Project Charter

Title of the Project :	Management System for Union Pharmaceuticals	
Batch :	Weekday – Batch 1.2	Group No: 13
Development Technology :	MERN Stack	

Description of the Project:

‘Union pharmaceuticals’ is a pharmaceutical store which has been in the business for more than a decade and led by a team of well qualified professional pharmacists. It is located in Beliatta town and issues drugs and pharmaceutical items of various kinds in accordance with the prescriptions issued by physicians. Up to now all the stock maintenance, monetary transactions, drug issuing, staff handling, dealing with the suppliers, taking orders and confirming them all are carried out manually in the institution. The administration of Union pharmaceuticals has decided to automate it’s business process. The proposed project should be completed within three months and the allocated budget is Rs. 26,000.00.

When the system is up and running the aim is to carry out the commercial deals in online platform to avoid any physical contacts during this covid situation. More to that, in order to avoid any difficulties faced by the customers when buying the items from the pharmacy like time wasting, misplacing of orders, disappointments of the quality of the goods are solved by this suggested project. The administration of the pharmacy formerly found it was very difficult to handle the inventory records, transactions, staff related matters properly up to the satisfaction. This also has been recognized prior to the development of the new system. Also as a reply to the frequent inquiries of the customers the need for this new system was taken into consideration. With the new system the organization will be able to increase it’s efficiency while preserving the customer satisfaction up to the standards.

The beneficiary parties of the project are administration of the pharmacy, it’s workers, drug suppliers and the customers. The process has been divided in to eight major tasks, implemented and integrated to automate the management of the pharmacy.



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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.	Siriwardana M. G. G. K. H.	IT20617332	0715704259	it20617332@my.sliit.lk
2.	Senanayake P. M.	IT20606756	0779915276	it20606756@my.sliit.lk
3.	Amaraweera O. G.	IT20616588	0773903538	it20616588@my.sliit.lk
4.	Perera L. K. R.	IT20606510	0764796573	it20606510@my.sliit.lk
5.	Weerasinghe R. B.	IT20622596	0712971838	it20622596@my.sliit.lk
6.	Indralal K. A. P.	IT20624408	0769130822	it20624408@my.sliit.lk
7.	Dissanayake K. D. M. P. A.	IT20613754	0716578924	it20613754@my.sliit.lk
8.	Sanjana D. P. K.	IT20659912	0719160962	it20659912@my.sliit.lk

List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	Siriwardana M. G. G. K. H.	Customer management: A customer can get in to the system and choose between a variety of pharmaceutical items, prescribed drugs and make orders with the system. He can enter needed drug items by an order, delete orders, update them whenever he want. Finally he can view the orders made by him. Report: Monthly summary report on the orders placed and drugs purchased by the customer himself.
2.	Senanayake P. M.	Delivery management: After placing an order by the customer, an employee confirm the order and the drugs are delivered according to the address provided and delivery note is made. Deliveries to be dispatched can be viewed, completed deliveries can be updated and unwanted records can be deleted as his wish. Report: Report on the deliveries made within a complete day.
3.	Amaraweera O. G.	Items listings and inventory management: After drug lots are purchased from the suppliers, new inventory records are made and existing lots are updated. These records also can be viewed when necessary and records of expired lots can be deleted anytime. Report: Report on the currently existing drug lots at the pharmacy stores.



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4.	Perera L. K. R.	Store showcase management: Placing the newly acquired drug details at the store display. Update their availability and delete details of sold out drugs. Any detail on the drug can be retrieved when necessary. Report: Report on the drugs which are to be expired within three months of time.
5.	Weerasinghe R. B.	Customer feedback and inquiry handling: Customers of the entity can provide their feedbacks and ratings about the pharmaceutical items they purchase from the store and the service they receive from it. Retrieving the inquiries made by the customers and reply according to the inquiries is done by the managerial level. The feedbacks can be updated and deleted whenever needed. Report: Monthly report on the statistical data of frequently made feedback types by the customers.
6.	Indralal K. A. P.	Order management: Retrieve the orders placed by the customers and filing delivery arrangements. Whenever needed these arrangement notes can be updated and records can be deleted. Report: Weekly report on the orders received by the entity.
7.	Dissanayake K. D. M. P. A.	Employee management: Create new employee profile accounts, view existing profiles, update them and delete unnecessary record information. Salary enhancements are also calculated according to the OT hours worked by the employees. Report: Monthly report on the salaries paid for the employees on their service basis.
8.	Sanjana D. P. K.	Supplier management: Retrieve the drug items and quantities requested by the pharmacy management. Then make invoices for the drug lots which are to be delivered to the pharmacy. Any invoice can be edited and when lot requests are cancelled, they can be deleted. Report: Monthly report on total invoices issued by the respective supplier.