



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2023

Project Charter

Title of the Project :	Pharmacy Management System	
Campus & Batch :	Malabe – 2021-June Batch	Group No:T74
Development Technology :	MERN – Mongo DB Express Js React Js Node Js	

Description of the Project:

In the pharmacy, a manual system is now in use. As the pharmacist's workload rises, this typically results in blunders. Our pharmacy management system is intended to boost efficiency and safety while also improving accuracy. It is a computer-based method that benefits both the customer and the pharmacist. For a set period of time, such as once a month, the system requires manual entry for the arrival of new batches of medications and for the transportation of medications out of the pharmacy. The flow of medications into and out of the pharmacy, the list of stock ending information, and a list of products that expire after a certain date before the product ultimately expires are also included in the report. The system has the ability to send SMS and emails. After creating an account, clients can access the system's stock availability information and upload a prescription. They can view the status of their uploading by logging onto the system and place orders according their needs for medicine. Pharmacist can generate reports of the stock and sales for a time period easily by our pharmacy management system.

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.	Kumara M.G.S.D	IT21184208	0778926506	it21184208@my.sliit.lk
2.	Kusumsiri W.A.N.P.M	IT21168840	0772538676	it21168840@my.sliit.lk
3.	Herath . D.C	IT21377662	075006427	it21377662@my.sliit.lk
4.	Pathirana V.P.E.P.V.	IT21175084	0788750055	it21175084@my.sliit.lk
5.	Jayakody J.A.D.H.S	IT21242236	0763694142	it21242236@my.sliit.lk
6.	Sepala S.N	IT21232572	0717851187	it21232572@my.sliit.lk
7.	Prasad P.A.J	IT21214370	0743771714	it21214370@my.sliit.lk
8.	Senevirathna D.M.O.C	IT21286650	0769980116	it21286650@my.sliit.lk



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List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	Kumara M.G.S.D	User Management Under user management functions, we can create user profile, read user profile, update user profile, delete user profile and perform user search under various criteria. Also can assign user roles, view user activity log and manage user permission Also users can password reset , logging to the system and register and user can create two factor authentication password,edit,view and remove it and manage user directory Also user can export user data to external sources and print it.
2.	Kusumsiri W.A.N.P.M	Order Management and Cart management Under the order management functions, the customer can place an order with or without prescription, remove/cancel a place order, edit the order details, and refill the medicine without uploading the prescription again , for the patients who receive the medicine on a monthly basis through the system.Also Can order reporting and analysis Under the cart management functions, you can add, remove, and edit the cart. Also, when you edit the cart, the price will be displayed automatically.
3.	Herath . D.C	Customer Delivery Management And Payment Management Manages all online delivery orders. The orders are delivered based on details such as item, order date, address, time of dispatch, estimated time of delivery. Assign drivers to orders placed and notify customers about delivery details. Generate monthly report on deliveries made. Should be able to assign orders to drivers, update delivery time and search for delivered order. Under payment management, the customer can add, remove and edit a payment method. Also, the customer is given multiple payment access and generate E-bill. Also manage refund and analyze total order payment.
4.	Pathirana V.P.E.P.V.	Supplier management You can manage all supplier details under supplier management. You can add, remove, edit and view supplier information. You can also add, view, remove and edit order details. You can also search order and supplier and view it.also can manage supplier agreement and generate budget report about supplier orders
5.	Prasad P.A.J	Inventory management



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		All inventory details are managed under the inventory management functions. Product add, remove, and product item detail edit and product item view can be done. Also order barcode can be added, edited, viewed and deleted. Also stock controle, warehouse Management can also be done. Product search can also be done.
6.	Senevirathna D.M.O.C	Doctor Manage and Marketing and promotion Management Under doctor management functions, a doctor can register through the system and order medicine in bulk to their medical shop. Here, a doctor can add order, edit order detail, remove an added order. You can add, edit, remove and view the available items. Also, you can search for doctors registered under various components and export and print the activity log. Under Marketing and promotion Management function all promotions and marketing related to the pharmacy are managed under marking and promotion management. Promotion add, edit, delete, view and promotion history management and promotion notification management are done.
7.	Sepala S.N	Employee management All employees are managed under the employee management functions. Create employee, edit employee details, remove employee and employee view can be done. Also manage employee attendance, manage employee salary and benefits, manage employee payroll, employee job description. You can manage. You can also search for employees and export employee details. You can also generate a monthly report about employee activity.
8.	Jayakody J.A.D.H.S	Customer Service management And Financial Management All communication between the customer and the pharmacy is managed through the customer service management. It includes the functions of create new feedback, edit feedback, delete feedback and view feedback. Also, the customer can contact the pharmacy through the call center management. You can delete or view history through communication history management. Social media management also manages social posts about the pharmacy. Under the financial management functions, you can create, delete, edit or view the financial report and export the financial report. You can also create budget, view budget, update budget, delete budget. You can also manage profit and loss analysis. You can also invest. Management can be done