



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

Project Charter

Title of the Project :	Hospital management System	
Batch :	Year 2 Semester 2 Weekday	Group No: KDY_2022_WD_1
Development Technology :	JavaScript, JSP, PHP, MySQL	
Client :	-	

Description of the Project:

This system is for a hospital, which provides OPD, lab testing, and pharmaceutical services. The major stakeholders of the hospital are patients, doctors, inventory handler, pharmacist, and lab assistant.

There can be several problems faced by hospitals, these include difficulties in recording and keeping patient records, difficulties in managing inventory, and the pharmacy.

Since there are issues in recording patients, doctors, staff we are providing a way for the management to record and save these details for long time use.

Objectives:

We are developing this system to computerize all the records, reducing time, and ensuring their safety for future use, which were the main problems that a hospital can face. This objective is crucial since handwritten or printed records on paper can be destroyed from water or a fire, which will affect future uses.

Other than saving records, we are providing an appointment feature, giving the ability for patients to make appointments online. This should make viewing and managing convenient for both patients and doctors.

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.	Nissanka N.M.H.H	IT21038778	0705283441	It21038778@my.sliit.lk
2.	Kumari J.M.D	IT21152832	0766456840	It21152832@my.sliit.lk
3.	Abeyrathne A.P.T.G.H.N	IT21063664	0778443152	It21063664@my.sliit.lk
4.	Dissanayake D.M.T.K	IT21062506	0768232840	It21062506@my.sliit.lk
5.	Senevirathne N.O	IT21096884	0715379884	It21096884@my.sliit.lk
6.	Kiriella K.G.A.K	IT21035876	0719609438	It21035876@my.sliit.lk
7.	S. P. Munasinghe	IT21058400	0755963919	It21058400@my.sliit.lk
8.	M.M.S.B. Wijesooriya	IT21091452	0726951951	It21091452@my.sliit.lk



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

9.	Wimalasooriya S.A.N	IT21034268	0766673004	It21034268@my.sliit.lk
----	---------------------	------------	------------	------------------------

List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	Nissanka N.M.H.H	<u>Administration</u> <ul style="list-style-type: none">• Doctors, and staff registration and account management.• Login function for doctors and staffs.• Update / Delete doctors, and staff profile.• Search relevant details relating to doctors, and other staff.• Generate a report to show monthly users
2.	Senevirathne N.O	<u>Doctor Management</u> <ul style="list-style-type: none">• View all the patient Old records through the system• Insert the medicines.(prescription)• Insert the patient condition if the patient is a new patient to the doctor.• Update the patient condition if the patient is an old patient of the doctor.• Delete the appointments that are assign to the doctor.• Search the patients , If the doctor wants to get the information.• Generating a report to get the highest count of affliction in a month
3.	Wijesooriya M.M.S.B.	<u>Patient Management</u> <ul style="list-style-type: none">• Patient account registration.• Patient login.• Patient profile view.• Update patient information.• Delete profile.• View appointment records.• View payment records.• Search the doctors. If the patient wants to get the information.



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

		<ul style="list-style-type: none">Generating a report to show which doctors are available for an appointment.
4.	Kumari J.M.D	<u>Pharmacy Management</u> <ul style="list-style-type: none">Search the patient's ID for getting the prescription.Getting patient details.Search drugs whether it is available or not.Generate a bill for relevant prescription.Insert pharmacy products to the database.Update pharmacy products count.Delete expired pharmacy products.Pharmacy products are not deleted permanently from the system database for future referencesGenerate a monthly report what are the maximum sold out products.
5.	Kiriella K.G.A.K	<u>Inventory Management</u> <ul style="list-style-type: none">Insert stock items into the inventory.Stock items can be updated, and damaged items can be deleted.Search for necessary items if necessary.Damaged items are not deleted permanently from the system database for future reference.Items are supplied by a supplier. New supplier details can be Inserted.Calculate the total amount of stock available in the inventory, the total amount of deleted items, and issued items, and calculate the most issued item in the month.Generate a monthly stock report
6.	Abeyrathne A.P.T.G.H.N	<u>Lab Management</u> <ul style="list-style-type: none">Show the details price list of the particular lab tests.Getting patient details for lab test.Update details and price of laboratory tests.



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

		<ul style="list-style-type: none">• Delete particular laboratory tests which are no longer performed.• Search particular laboratory report for patients and finding the availability• Update result report for particular patient.• Generating a report to get the highest count of issued lab reports in a month
7.	S. P. Munasinghe	<u>Payment Management</u> <ul style="list-style-type: none">• Take the bill information from the pharmacy.• Take the doctor fee.• If there is a lab test take the fee.• Make payments through credit or debit cards.• Add credit/debit Cards.• Delete credit/debit Cards.• Update credit/debit Cards.• Check payment history.• Generate report monthly income report about the lab testing.
8.	Dissanayake D.M.T.K	<u>Appointment Management</u> <ul style="list-style-type: none">• Read/view appointment details made by patients.• Create/ schedule individual appointments including doctor details• Update available time slots and dates of each doctor• Delete/ cancel appointments which are no longer exists• Report - Calculate number of appointments for each specialty
9.	Wimalasooriya S.A.N	<u>Feedback Management</u> <ul style="list-style-type: none">• Implements a search function to search complains by patient ID• Create a report/log of the complains monthly.



Sri Lanka Institute of Information Technology

Information Technology Project

Year2, Semester 2 - 2022

		<ul style="list-style-type: none">• Create a function to delete older complains.• Creates a page for the manager to handle complains sent by the users• Create a page for the user to send complains.• Implements a functionality to respond complains.• Create a FAQ section.• Create a page for the manager to add, delete FAQs.• Create a user FAQ page to ask questions for clients
--	--	---