



# Sri Lanka Institute of Information Technology

## Information Technology Project

Year2, Semester 2 - 2022

### Project Charter

<b>Title of the Project :</b>	Eye Hospital Management System for Denetha Eye Hospital	
<b>Batch :</b>	Weekday	Group No:
<b>Development Technology :</b>	MERN Stack with JavaScript	
<b>Client :</b>	Denetha Eye Hospital, Kurunegala.	

### **Description of the Project:**

Denetha is an Eye hospital located in Kurunegala, with a staff of 20. Currently most of the business process is done manually, and it is prone to errors. They decided to automate the process because of a recent security incident, and to avoid further incidents in the future. The staff mostly have very low technological knowledge. As such the system will consist of very simple GUI based navigation to automate the business process of admitting patients, make appointments, handle accounts, and manage staff. By controlling access for each staff member, the system will be much more secure. As a bonus, the staff will have an easier time when generating and printing reports, bills, and receipts.

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

	<b>Surname with initials</b>	<b>Registration Number</b>	<b>Contact Phone Number</b>	<b>Email</b>
1.	Arawwala D.J.S.S	IT21053528	0762879244	it21053528@my.sliit.lk
2.	Kasthurirathne K. K. I	IT21077692	0715381342	it21077692@my.sliit.lk
3.	Samaranayake N.P.T.D	IT21047824	0776283129	it21047824@my.sliit.lk
4.	Fernando M.T.S	IT21064654	0753567239	it21064654@my.sliit.lk
5.	Suraweera S.A.S.H	IT21085130	0761520238	it21085130@my.sliit.lk
6.	Kumari A.A.M	IT21078514	0768760710	it21078514@my.sliit.lk
7.	Navodya K.T.	IT21057106	0740741307	It21057106@my.sliit.lk
8.	Perera P.I.C.N	IT21051616	0785116280	it21051616@my.sliit.lk



# Sri Lanka Institute of Information Technology

## Information Technology Project

Year2, Semester 2 - 2022

### List of Functions Developed by the Group Members:

	Name with Initials	Brief Description of the Function
1.	Arawwala D.J.S.S	Reception – Receptionist can login using username and password or face login. Adding new customers to the customer table. If the customer is already registered obtain the details from the patient table. Allocating patients to appointment table and adding patients to the appointment table with relevant type. Generate a bill for clinic appointments and send details to accounts section.
2.	Kasthurirathne K. K. I	Patient Management – Manages all the details related to the patients in the hospital. Keep tables of patient's personal details, treatment details and prescheduled and current channeling details. The main functionality is handling the details of the patients in the hospital and managing their channeling & treatment history.
3.	Samaranayake N.P.T.D	Accounts – Manage all accounting related tasks. Keep tables of Hospital charges, doctor charges, Surgery payments, Inventory purchases and Petty cash. Should be able to add petty cash payments and add inventory purchase orders to relevant tables. Generate reports for each type of payment and generate letters/ receipts for patients who paid for surgery.
4.	Fernando M.T.S	Doctor Management – Manage all Doctors and their patients. Maintain tables for doctor information, channeling schedules and patient details. The main functionalities are adding patients to their relevant doctor and generating patient reports.
5.	Suraweera S.A.S.H	Staff Management - Manages all the Staff details of the hospital and can be viewed only by the hospital's manager. Managers can add new staff members, edit staff member details, delete staff members and retrieve staff member details. In the staff management, it can view all upcoming meeting details and it can generate meeting detail reports.
6.	Kumari A.A.M	Optical – Optical is a separate subsystem function inside the main system where patients can buy the respective lenses according to the doctor's reports. This can access the patient details and update by issuing the lenses to the recommended patients.
7.	Navodya K.T.	Appointment management – This section covers all appointment related things such as if the customer wants to make an appointment reception team members insert some records, if customer wants to change appointment or cancel appointment that manage by this section.
8.	Perera P.I.C.N	Inventory – Inventory allows a healthcare organization to track the use and availability of instruments and reduces the chances of loss and theft. Further, a medical organization can more efficiently manage rotation of the instruments between surgery, sterilization, and storage.