FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)
Hormis Nagar, Mookkannoor PO, Angamaly, Kochi
Accredited by NAAC with 'A+' Grade

DEPARTMENT OF COMPUTER APPLICATIONS

SYNOPSIS OF THE MAIN PROJECT

Name of the Student	Rosemol Thomas
Batch & Roll Number	MCA B 34
Contact Number & Email id	9567612667 rosemolthomas02@gmail.com
Name of Project Guide	Dr. Rakhi Venugopal
GitHub ID	https://github.com/rosemolt
Project Title	Child Vaccination Management System
Area of the Project	Mern Stack
Date of Submission	30-01-2025

Description of Project:

The main objective of this project is to develop a user-friendly vaccination management system that: Enables parents to register children, track vaccinations, book appointments and get vaccination report. Sends reminders for upcoming vaccinations, scheduled date and due vaccines. Allows healthcare staff to update child vaccination records after administration. Provides an admin panel to manage vaccines, schedules, and user roles. Reduces the chances of missed vaccinations by ensuring timely notifications. This system ensures timely vaccinations, reduces manual errors, and improves public health outcomes by increasing immunization rates.

Front End & Back End Tools	Front end tools : HTML, CSS, JavaScript, React Back end tools : Node.js Database : MongoDB