SCTR's Pune Institute of Computer Technology

Department of Electronics and Telecommunication Engineering

TE curriculum Internship Logbook

Academic Year 2024 - 2025

Name of the student	:	Vedant Vinayak Narawadkar
Roll No	:	32151
Class and Division	:	TE – 07
Title of Internship	:	VitalsIQ - ML Health Analyzer
Domain of the project	:	Web Development, OCR
Name of the Internship Provider's Organization	:	AICTE EduSkills
Name of the Internship Instructor(External)/Mentor(Internal) Address and contact details	:	Dr. M. N. Kakade (Asst. Prof. PICT, Pune)

General Instructions

1. Students should enter correct information in the Logbook.

2. Get all entries verified by the respective Internship mentor/guide. No changes are to be made without permission.

3. Students should report to their respective guides as per the schedule and its log is to be maintained in the Logbook.

4. Follow all deadlines and submit all documents strictly as per prescribed formats.

5. The Logbook should be produced at the time of all discussions, presentations and evaluations.

6. The Logbook must be submitted to the Internship coordinator/guide/department/ after successful completion of internship evaluation.

Sr. No.	Date	Task Description	Status of the Task	Internship Internal mentor with signature
1	24/01/25	Discussion about internship and in-house projects under Dr. M. N. Kakade	Completed	
2	14/02/25	Initialized the project repository and set up the basic file structure for VitalsIQ ML Health Analyser.	Completed	
3	28/02/25	Created a static landing page with initial HTML and CSS for the VitalsIQ.	Completed	
4	03/03/25	Improved header section by adding a logo, navigation links in the landing page.	Completed	
5	06/03/25	Designed and implemented a responsive layout for the landing page using Bootstrap.	Completed	
6	09/03/25	Developed the initial version of the "About Us" page with basic content and styling.	Completed	
7	15/03/25	Set up the Flask backend environment and configured CORS for the VitalsIQ ML Health Analyser app.	Completed	
8	18/03/25	Implemented the backend OCR function to extract text from uploaded PDF health reports.	Completed	

9	21/03/25	Integrated the Gemini API for extracting health parameters from OCR-extracted text in the backend.	Completed	
10	30/03/25	Created the report.html page with upload and manual entry sections for health data input.	Completed	
11	02/04/25	Developed the result.html page to display health analysis results from the Gemini API.	Completed	
12	05/04/25	Added copy and download PDF functionality to the result.html page for user convenience.	Completed	
13	06/04/25	Tested the end-to-end flow (upload → backend processing → result display) and fixed minor UI bugs.	Completed	
14	08/04/25	Debugged PDF upload issues in report.js, resolving file size limit errors and backend connection timeouts.	Completed	
15	08/04/25	Attempted to rewrite the entire codebase in React for a more dynamic frontend, but faced compatibility issues.	Pending	

16	10/04/25	Abandoned React migration due to time constraints and reverted to HTML/CSS/JavaScript stack.	Completed	
17	11/04/25	Uploaded the complete VitalsIQ ML Health Analyser codebase to a GitHub repository for version control.	Completed	