

MEDICARE ONLINE APPOINTMENT SYSTEM

Developing Modern Web Applications

Diploma in Software Engineering

PAGE 1 — Title Page

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Submitted by: [Your Name]

Institute: [Your Institute Name]

Date: [Insert Date]

PAGE 2 — Introduction

In today's fast-paced digital world, hospitals face challenges in managing patient queues and appointment schedules effectively. Patients often experience long waiting times, difficulty contacting the hospital, or scheduling appointments manually.

The MediCare Online Appointment System provides a web-based platform to book medical appointments online.

PAGE 3 — Problem Statement

Traditional walk-in appointments lead to long queues, mismanagement of data, and manual errors. A digital solution is required.

PAGE 4 — Objectives

To develop an online appointment booking system, provide doctor schedules, reduce patient waiting time, and improve hospital workflow.

PAGE 5 — Project Scope

Patient module, admin module, appointment management, and system features.

PAGE 6 — System Requirements

Software and hardware requirements.

PAGE 7 — System Architecture

Workflow summary and architecture layers.

PAGE 8 — Web Pages Overview

List of 12 system pages of MediCare.

PAGE 9 — System Design

UI wireframe descriptions for patient and admin.

PAGE 10 — Implementation Details

Frontend, backend, and security features.

PAGE 11 — Expected Outcomes

Improved hospital management, reduced queue times, and scalable system.

PAGE 12 — Conclusion

The MediCare Online Appointment System modernizes hospital operations by simplifying patient appointment booking and management.