

Project Proposal

Project Name :- Online Doctor Channelling System



Online Doctor Channelling System

1. Introduction:

This project focuses on creating a simple and efficient online platform for patients in Sri Lanka to book appointments with doctors at private channelling centers. It aims to reduce waiting time, improve service, and automate the booking process using Visual Studio 2012 (VB.NET).

2. Problem Statement:

In many Sri Lankan medical centers, booking is still handled manually or via phone calls. This leads to long queues, scheduling errors, and poor patient satisfaction. A system is needed to make appointments easier and more organized.

3. Objectives:

- Allow patients to view available doctors and book appointments online.
- Allow admin staff to manage doctors, time slots, and bookings.
- Provide confirmation for patients (email/SMS optional).

4. Tools and Technologies:

- Frontend & Backend: Visual Studio 2012 (VB.NET)
- Database: Microsoft SQL Server
- Optional: HTML/CSS (for web-like design), SMS API for alerts

5. Main Features:

- Patient Login/Register
- Doctor Schedule View
- Book Appointment
- Payment Options
- Admin Dashboard

6. Target Users:

- Patients across Sri Lanka
- Channelling center receptionists/admin staff

7. Methodology:

- Planning & Requirement Gathering
- System Design (ER diagrams)
- Development (VB.NET + SQL)
- Testing (Unit & Integration)
- Deployment & Demo

8. Project Timeline:

| Week | Task |

|-----|-----|

| 1 | Requirement Gathering |

| 2 | UI and Database Design |

| 3–5 | Coding the Application |

| 6 | Testing and Bug Fixes |

| 7 | Report Creation |

| 8 | Final Review & Submission |

9. Expected Outcome:

A working appointment system where patients can easily channel doctors online and centers can manage schedules effectively. It reduces delays, improves accuracy, and saves time.

10. Conclusion:

The Online Channelling System provides a modern solution to appointment booking in Sri Lanka. It will benefit both medical staff and patients by simplifying the process and increasing satisfaction.