Clinic Management System

Team 6 – Paradigm

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Index

01 Introduction

We chose to develop a clinic management system to solve problems caused through the use of a patient database.

02Problem

The problem we aim to solve with this project involves a clinic that serves multiple clients and records their information in a notebook. Over time, it became clear that the notebook was not the most effective way to manage client records.

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03 Overview

- Patients need clinics to be well organized.

- Proper management of appointments and medical information helps patients understand their treatments.

- A clinic management system simplifies these processes.

- Patients can efficiently track treatments, making their experience more practical, organized, and reliable.

04 Background

The paper appointment book causes errors, double-bookings, and wastes valuable staff time, this outdated system limits efficiency and creates frustration.

The clinic urgently needs digital modernization to ensure quality and optimize management

Before

After

05 System Analysis

- The proposed system will digitize the clinic's operations, replacing manual recordkeeping.

- **Patients** will be able to register, book, modify, or cancel appointments, check specialist availability, and view their treatment history.

- **Specialists** will access patients' clinical records, manage schedules, and update treatments securely.

- The system will prevent scheduling conflicts, reduce human error, and improve coordination.

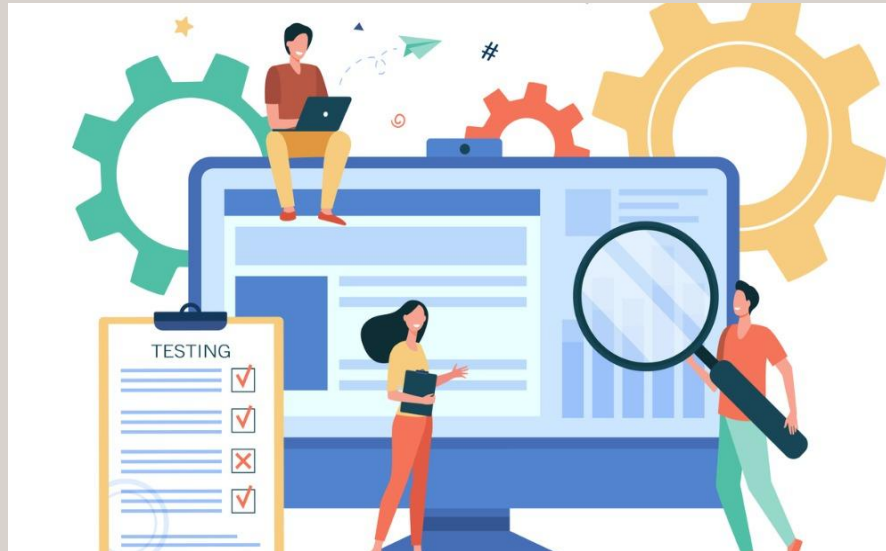- Overall, it will enhance efficiency, organization, and the patient experience.

06 Functionalities

The Clinic Management System is designed for the management of the Toamedical clinic and focuses on the interactions between Administrators, Receptionists, Patients, Doctors, Appointment Management, Medical Records, Billing and Prescriptions.
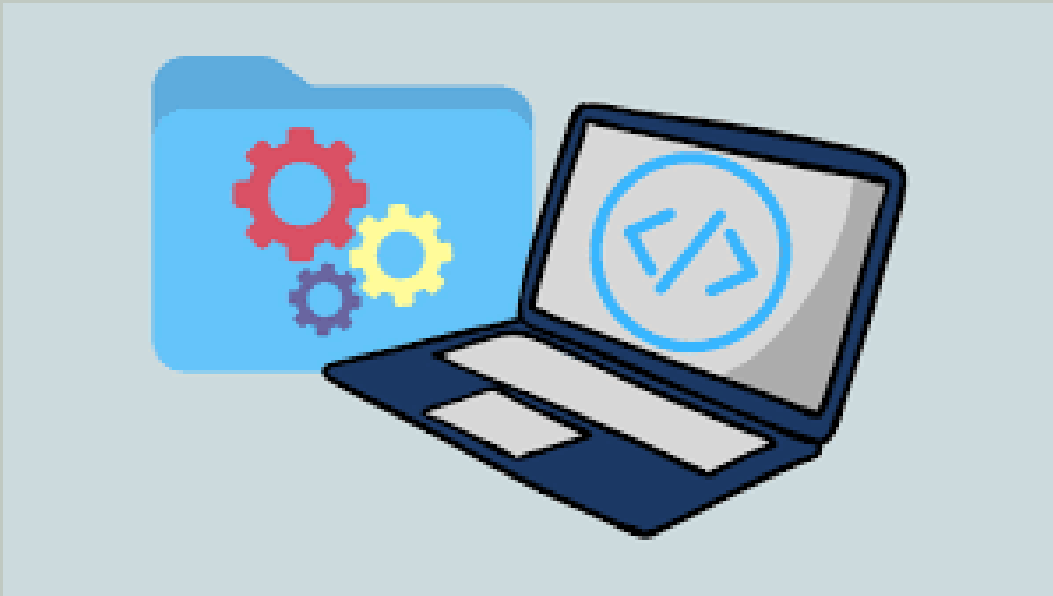
07 Funtionalities

The system will allow the user to save, edit, delete and search the necessary information through a menu that allows interaction with these functionalities.

08 Features

- Billing
- Medical History
- Prescription
- Appointment
- Patient Info
- Doctor Info
- Notifications
- User Access

Thank you !