

# Health care

## System Requirements Document





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# 1. Introduction

## 1.1 Objectives

Many people find it difficult to know the appointments of clinics and doctors and go to them to book an appointment with a particular doctor, so this site is designed.

This document contains the following sections:

- User roles.
- Workflow diagrams.
- Functional requirements.





## 1.2 System Overview

The system is an integrated program developed to save time and effort. It is a dynamic and responsive system. This site provides a quick and easy way to find out the appointments for each doctor online.

The system consists of the following main parts:

- ✓ Create an appointment booking system.
- ✓ Additional services.
- ✓ Reports and Statistics.





## 2. User Roles

### 2.1. Admin

It is the user that tracks the website system and gets full reports on the users.

### 2.2. Doctor

It is the user who accepts or rejects reservations and displays all details of the reservations he has.

### 2.3. Patient

It is the user who logs into the system, displays doctors' appointments, and also requests a reservation, and pays the reservation through the visa





## 3. Functional Requirements

### 3.1. Admin:

- Login.
- View the statistics of registered patients.
- View user's information details.
- Manage Clinic (CURD).
- Add Doctors (CURD).
- Assign each doctor to a specific clinic.
- View all doctor's appointment data.
- Obtains Financial monthly and annual reports on the website and (PDF or Excel) documents. It contains employee salary Profits, losses, and other financial matters.
- View and update his profile.
- Manage pages (Home, about us, contact us).

### 3.2. Doctor

- Login.
- Add attendance to the system.
- View all appointments.
- Search between two dates for the reservation that occurred during this period.
- View all reservation requests made by the patient.
- Accept or reject the reservation requests.
- Send an email to the patient with the status of his request.
- View and update his profile.

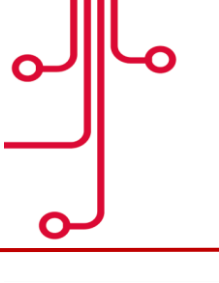




### 3.3. Patient

- Register in the system.
- Search by doctor name or clinic name.
- View doctors' appointments.
- Make an appointment for a reservation.
- Receiving an email to know the status of the reservation (accepted or rejected).
- Pay the reservation via visa.
- View the invoice and can also download it.





## 4. Workflow Chart

### 4.1. Home:

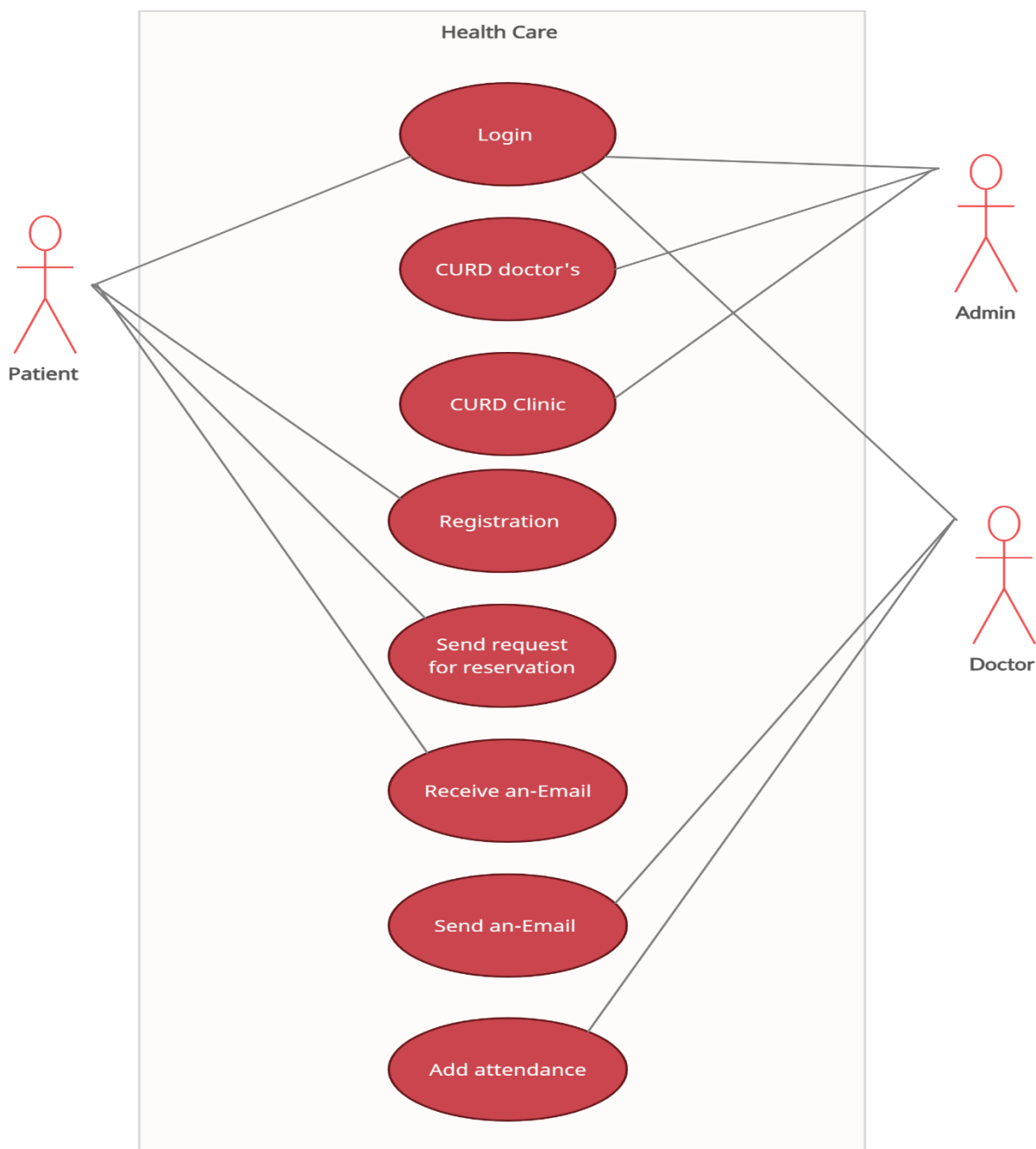
Header
Nav bar
Background / Slider
Templates
Contact Form
Footer

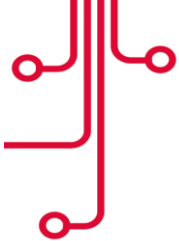




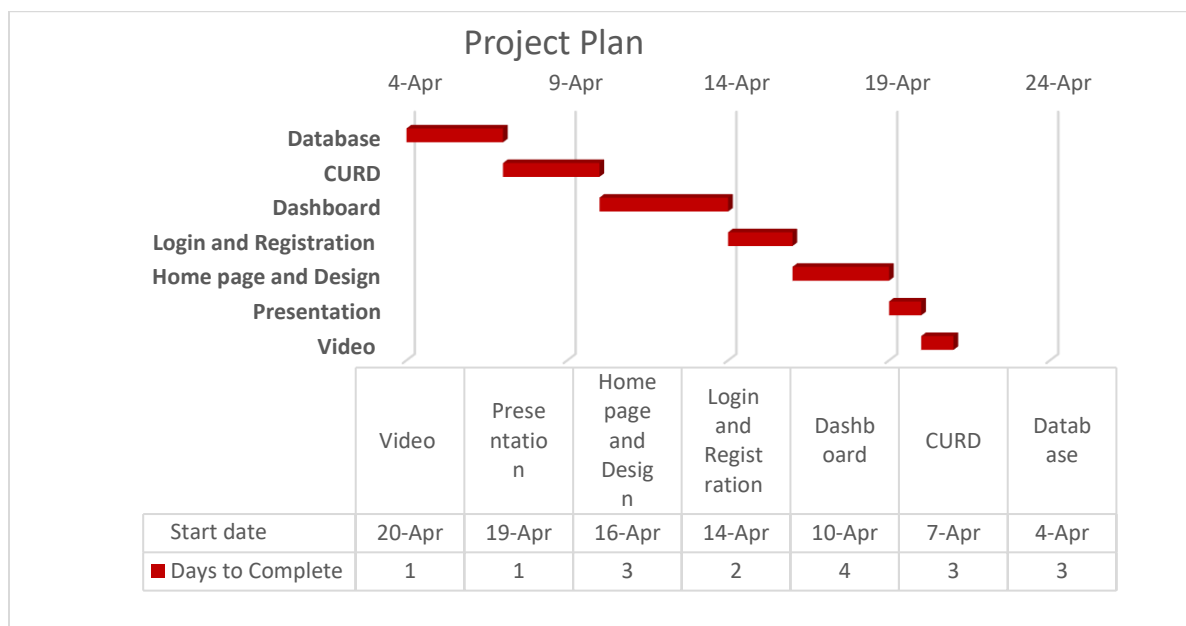


## 4.2. Use Case Diagram





### 4.3. Project Plan





## 5. Interface Design

- Use the Bootstrap template to prepare the home page.
- Use the recognized colors in the design.
- Don't forget to Search by package, name, and interval.
- The report displays on the website and document.
- The report must be containing charts.
- Use a dashboard template for different users.
- Users' sessions must be designed.
- Home Page must contain reviews, testimonials, about us, contact us, header, footer, and background or slider.
- Each part in the home must change dynamically using Database.





## 6. Rules

- Keep the rules of the clean code.
- Keep the rules of the business.
- Don't forget to design the logout button.
- Keep the project name.

## 7. Project Programming Language and Technologies

- Use Visual Studio 2019 to design the web application.
- Use SQL developer to design a database.
- Use C# Programming Language.
- Use ASP.NET Core MVC.

## 8. Project Upload Requirements

- Upload your project code.
- Upload Project Presentation (Advertising presentation) .
- Upload Project Video.





## 9. Project Evaluation

15% Project video and presentation.

35% Interfaces Design.

50% Code Functionality.

## 10. Deadline

**04/04/2022 – 21/04/2022**

The project is submitted on the portal: on 21/04/2022.

