

# Clinic Management System Documentation

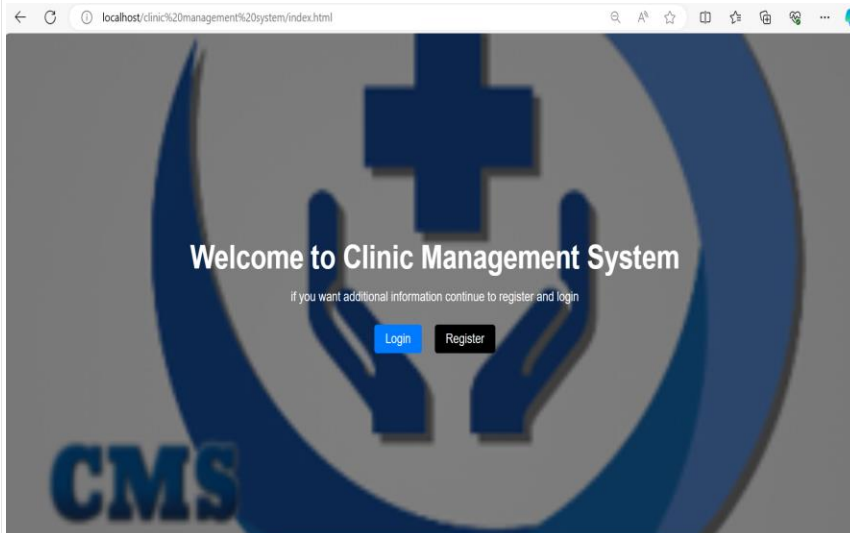
## Introduction

The Clinic Management System is a web-based application designed to streamline the management of clinics, including patient records, doctor appointments, and clinic services. It provides functionalities for users to register, login, manage their profiles, and access various services offered by the clinic.

## System Components

### 1. Index Page

- Landing page where users can search for projects and access login or registration functionalities.



### 2. Login Page

- Allows registered users to log into the system using their credentials.

# welcome to CMS



username

Password

[Create account](#)

if you do not have account you can go on create account in order to make new registration

### 3. Registration Page

- Enables new users to create an account by providing necessary information.

## Create new account

First Name

Last Name

User Name

Email

Phone

Password

### 4. Home Page


- After successful login, users are directed to the home page.
- Contains sections like Home, About Us, Contact Us, and Services Menu.

CMS

(Clinic Management System)

[Home](#)
[About us](#)
[Contact us](#)
[Services](#)

## Welcome to Our Clinic Management System

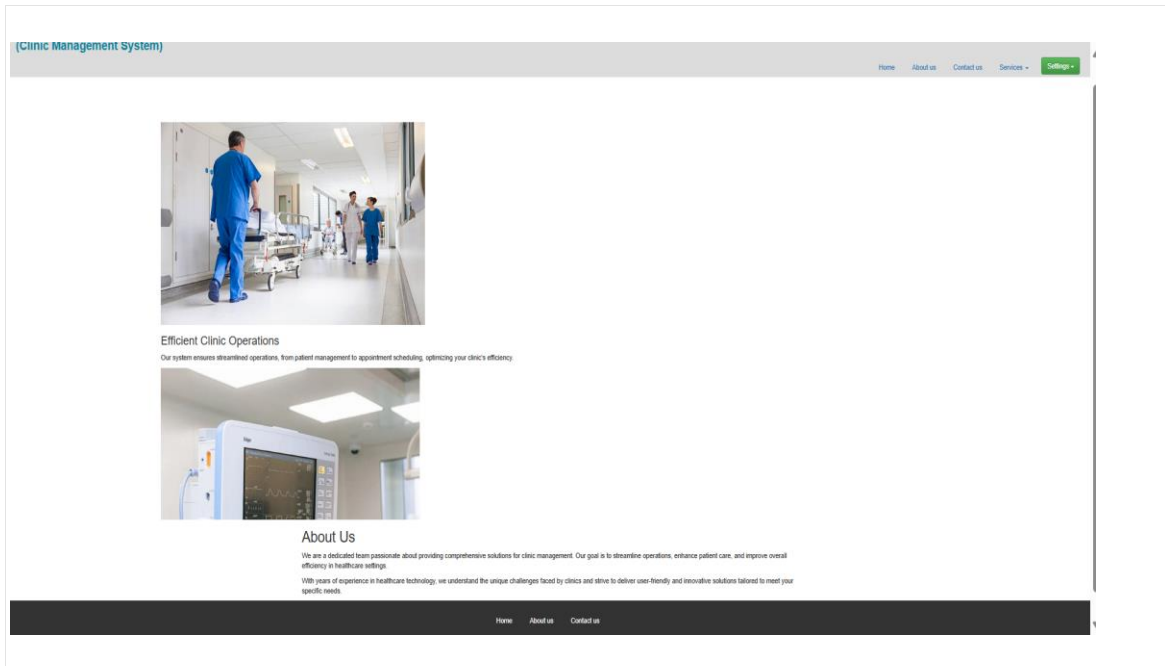


### About Our Clinic Management System

Your introductory information about what the system does, its features, benefits for clinics, and how it helps manage appointments, patient records, etc.

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[About us](#)
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### 5. About us page



## 6. Contact us page

You can add some request you want by type message you want and click on send message button directly go on your database

## 7. Services Menu

- Provides access to different tables and functionalities within the system:
  - Patient Management

- Doctor Management
- Nurse Management
- Clinic Management
- Appointment Management
- Medical Description Management

## 8. Data Management

- Users can perform CRUD operations (Create, Read, Update, Delete) on the following tables:

When you click to Add new you can go to the form to add new record

- Patient: Manage patient information including personal details and medical history.

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Patient Records

Add New

Search

ID	First Name	Last Name	Email	Phone Number	Date of Birth	Gender	Medical Insurance	Country	Province	District	Actions
2	INEZA	Eliane	inezaelene@gmail.com	0786230115	2005-02-12	female	rana	Rwanda	South	Muhanga	<a href="#">Edit</a> <a href="#">Delete</a>
7	SHIRUKA	Aiko	shiruka@gmail.com	0788564321	2017-06-13	male	mutuli	Rwanda	South	Muhanga	<a href="#">Edit</a> <a href="#">Delete</a>
111	Nyandwi	Alphonse	nyandwi@gmail.com	0788482373	1987-06-13	female	rent	Rwanda	North	Musanze	<a href="#">Edit</a> <a href="#">Delete</a>
114	Nahur	Peter	nahur@gmail.com	0786230223	2007-04-13	male	brtiam rwanda	Rwanda	WEST	KARUKURU	<a href="#">Edit</a> <a href="#">Delete</a>
121	HABUKA	Bernard	habuka@gmail.com	0788567890	2010-02-17	male	mutuli	Rwanda	South	Muhanga	<a href="#">Edit</a> <a href="#">Delete</a>

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Patient Information Form

First Name

Last Name

Email

Phone Number

Date of Birth

Gender

Medical Insurance

Country

Province

District

Save

- Doctor: Manage doctor profiles, specialties, and appointments.

Clinic Management System

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Doctor Records

Add New

Search

ID	First Name	Last Name	Email	Phone Number	Specialization	Qualification	Experience (years)	Actions
1	ELIAHE	Ineca	inecaelene@gmail.com	0786236115	pediatrician	A1	7	<div><div></div><div></div></div>
5	Divine	Ineca	ineca@gmail.com	0786236223	internal medicine	A0	3	<div><div></div><div></div></div>
6	Mahoro	Chany	mahorochany@gmail.com	0786236234	neurosurgery	A0	5	<div><div></div><div></div></div>
7	KABERA	Paul	kubera@gmail.com	0786236234	neurosurgery	A0	5	<div><div></div><div></div></div>
8	Batamurica	Phiona	batamurica@gmail.com	0786462273	gynecology	A1	5	<div><div></div><div></div></div>
9	Batamurica	Phiona	batamurica@gmail.com	0786462273	internal medicine	A0	5	<div><div></div><div></div></div>
11	uwibuhaye	yakabedi	uwibuhaye@gmail.com	0791242135	ophthamology	A0	17	<div><div></div><div></div></div>
14	Dushime	Olier	dushime@gmail.com	0786462273	pediatrician	A0	3	<div><div></div><div></div></div>

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Doctor Information Form

First Name:

Last Name:

Email:

Phone Number:

Specialization:

Select

Qualification:

Experience (years):

Submit

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- Nurse: Manage nurse profiles and responsibilities.

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Nurse Records

Add New

Search

ID	First Name	Last Name	Email	Phone Number	Qualification	Experience (years)	Actions
1	SHIRWA	Aloys	shirwa@gmail.com	0786462273	Masters	7	<div><div></div><div></div></div>
2	Ether	Ineca	ineca@gmail.com	0786236115	A0	10	<div><div></div><div></div></div>
3	SHIRWA	Aloy	shirwa@gmail.com	0786854321	A0	10	<div><div></div><div></div></div>
8	IZABWYO	Hocienne	izabwyo@gmail.com	0786849678	A0	10	<div><div></div><div></div></div>

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Contact us

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Nurse Information Form

First Name:

Last Name:

Email:

Phone Number:

Qualification:

Experience (years):

Submit

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- Clinic: Manage clinic details such as location, contact information, and services offered.

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Clinic Records

Add New

Search

Search

ID	Clinic Name	Address	Type	Phone Number	Email	Actions
1	Unsurge Medical Clinic	Muhanga	Private	0706220115	unsurgeclinic@gmail.com	<a href="#">✕</a> <a href="#">⌵</a>
2	Ineza Medical Clinic	Muhanga	Private	0703452273	inezac@gmail.com	<a href="#">✕</a> <a href="#">⌵</a>
4	Kaliyayi Hospital	Muhanga	Public	0706220115	kaliyayi@gmail.com	<a href="#">✕</a> <a href="#">⌵</a>
5	La providence Hospital	Muhanga	Private	0703456670	laprovidence@gmail.com	<a href="#">✕</a> <a href="#">⌵</a>
7	CHUB	Hope	Public	0706220115	chubhope@gmail.com	<a href="#">✕</a> <a href="#">⌵</a>

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Clinic Information Form

Clinic Name:

Address:

Type:

Phone Number:

Email:

Submit

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- Appointment: Schedule and manage patient appointments with doctors.

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Appointment Records

Add New

Search

ID	Appointment Date	Appointment Time	Patient	Clinic	Doctor	Reason Appointment	Actions
1	2024-06-16	10:17:00	7	1	6	Operation	<div><div></div><div></div></div>
2	2024-04-10	01:00:00	7	4	6	Operation	<div><div></div><div></div></div>
3	2024-04-10	01:00:00	7	4	6	Operation	<div><div></div><div></div></div>
4	2024-04-10	01:00:00	7	4	6	Operation	<div><div></div><div></div></div>
5	2024-04-12	02:00:00	2	1	8	Operation	<div><div></div><div></div></div>
6	2024-04-02	00:00:00	111	1	7	Advice	<div><div></div><div></div></div>
7	2024-04-02	00:00:00	111	1	7	Advice	<div><div></div><div></div></div>
9	2024-04-04	14:30:00	2	1	1	Operation	<div><div></div><div></div></div>
10	2024-04-06	00:00:00	114	4	11	Operation	<div><div></div><div></div></div>

For this appointment they have relationship with the patient table, doctor table and clinic table where you can select records you want that was recorded on those tables.

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Appointment Form

Appointment Date:

Appointment Time:

Select Patient:  

RHEZA Elane

Select Doctor:  

ELIAHE Ineza

Select Clinic:  

Unsurage Medical Clinic

Reason for Appointment:

Submit

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- Medical Description: Store and update medical descriptions and records.

For this medicaldescription they have relationship with the doctor table nurse table and clinic table where you can select records you want that was recorded on those tables.

## 9. Search Functionality

- ## 10. Settings Menu

- Provides options for users to manage their account settings:
  - Register: you can create new account.
  - Logout: Securely log out from the system and directly back to the **INDEX PAGE** where you can make login and register
  - Login by using Another account

## Technologies Used

- **Frontend:** HTML, CSS, JavaScript (jQuery for dynamic elements)
- **Backend:** PHP for server-side scripting



- **Database:** MySQL for data storage and retrieval

### **System Flow**

1. User accesses the Index Page and either searches for projects or navigates to the login/registration page.
2. If new, the user registers by providing required details.
3. After registration, the user can log in using their credentials.
4. Upon successful login, the user is directed to the Home Page.
5. The Services Menu allows the user to access different functionalities and tables.
6. Data management functionalities include adding new records, updating existing data, deleting records, and searching for specific information.
7. The Settings Menu provides options for managing user settings and logging out of the system.

### **Conclusion**

The Clinic Management System simplifies clinic operations by providing a user-friendly interface for managing patient data, appointments, and clinic services. It enhances efficiency and accuracy in clinic management tasks.