



American International University- Bangladesh

CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation

Project Report

Fall 2023-24

Project Title: Mental Health Counseling Management System

Section: B

Group Number: 10

Student Name	Student ID	Project User Portion
Fahim Mahmud Bhuiyan	20-42970-1	Patient
Anonnya Barua	20-42590-1	Admin
Md. Peyal Sarker	20-43357-1	Doctor
Md. Abid Hasan Rappy	19-41171-2	Employee

Submitted To: S M Abdullah Shafi

Lecturer

Department of Computer Science

Submitted Date: 24th November 2023

Mental Health Counseling Management System

Introduction:

The Mental Health Counseling Management System (MHCMS) is a technology-driven, effective platform designed to meet the growing need for mental health services. This initiative overcomes logistical and geographic hurdles to provide timely access to help in light of the global spike in mental health problems. It maximizes the resources of mental health practitioners by automating administrative duties, freeing them up to concentrate on providing high-quality care. Additionally, MHCMS uses data analytics to gain insightful information that supports ongoing development and well-informed decision-making. It promotes a holistic approach to well-being and goes beyond traditional systems, providing individualized resources and self-assessment tools. A future where mental health treatments are easily available, effective, and customized to meet a range of requirements is made possible by privacy and security safeguards that guarantee a reliable environment.

Background Study:

The Mental Health Counseling Management System (MHCMS) is based on a global increase in mental health issues that are made worse by the COVID-19 pandemic and intensified by stress. Technology is required to address accessibility and scalability issues in traditional counseling systems. Research highlights the drawbacks of traditional methods and the demand for novel alternatives. MHCMS addresses the need for effective, easily available, and data-driven counseling services in line with the expanding conversation around mental health. Recognizing the changing face of mental healthcare, the initiative makes use of developments in telemedicine and digital therapies. Through the use of technology, MHCMS hopes to improve resource allocation, expedite counseling services, and offer prompt assistance. This background research positions the project as a pertinent and timely solution to current issues facing mental health support systems by placing it within the larger narrative of mental health.

Requirement Analysis:

1. User Category:

There are n-types of Users here. They are:

- Admin
- Doctor
- Patient
- Employee



Mental Health Counseling Management System

2. Feature List:

In this project the “Admin” has the following features:

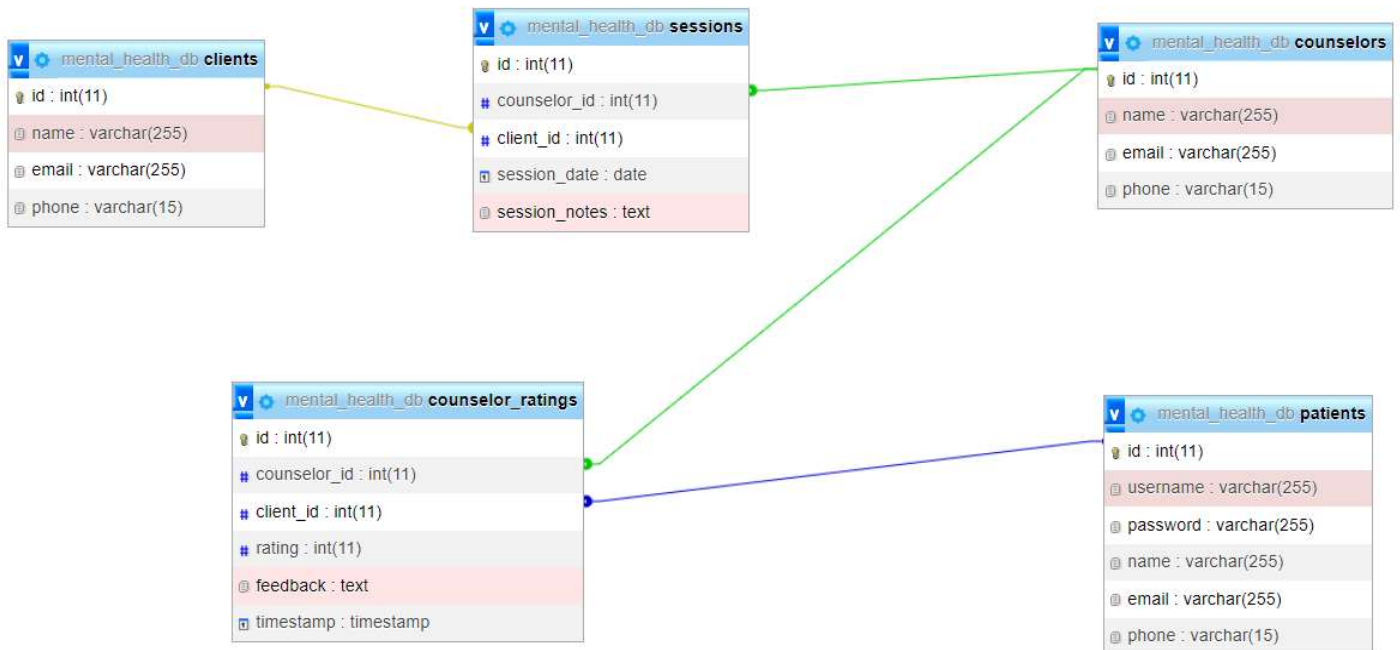
- Login
- Signup
- Show All Patients
- Show All Doctors
- Add Doctors
- Add Patients
- Patient Appointment
- Patient Report
- Logout

In this project, the “Patient” has the following features:

- Login
- Signup
- Update Profile
- View Counselors
- View Sessions
- Schedule Session
- Cancel Session
- Give Rating and Feedback of Counselor
- View Ratings and Feedback of Counselor
- Change Password
- Logout

Design:

Patient Part:



Mental Health Counseling Management System

Tools Used:

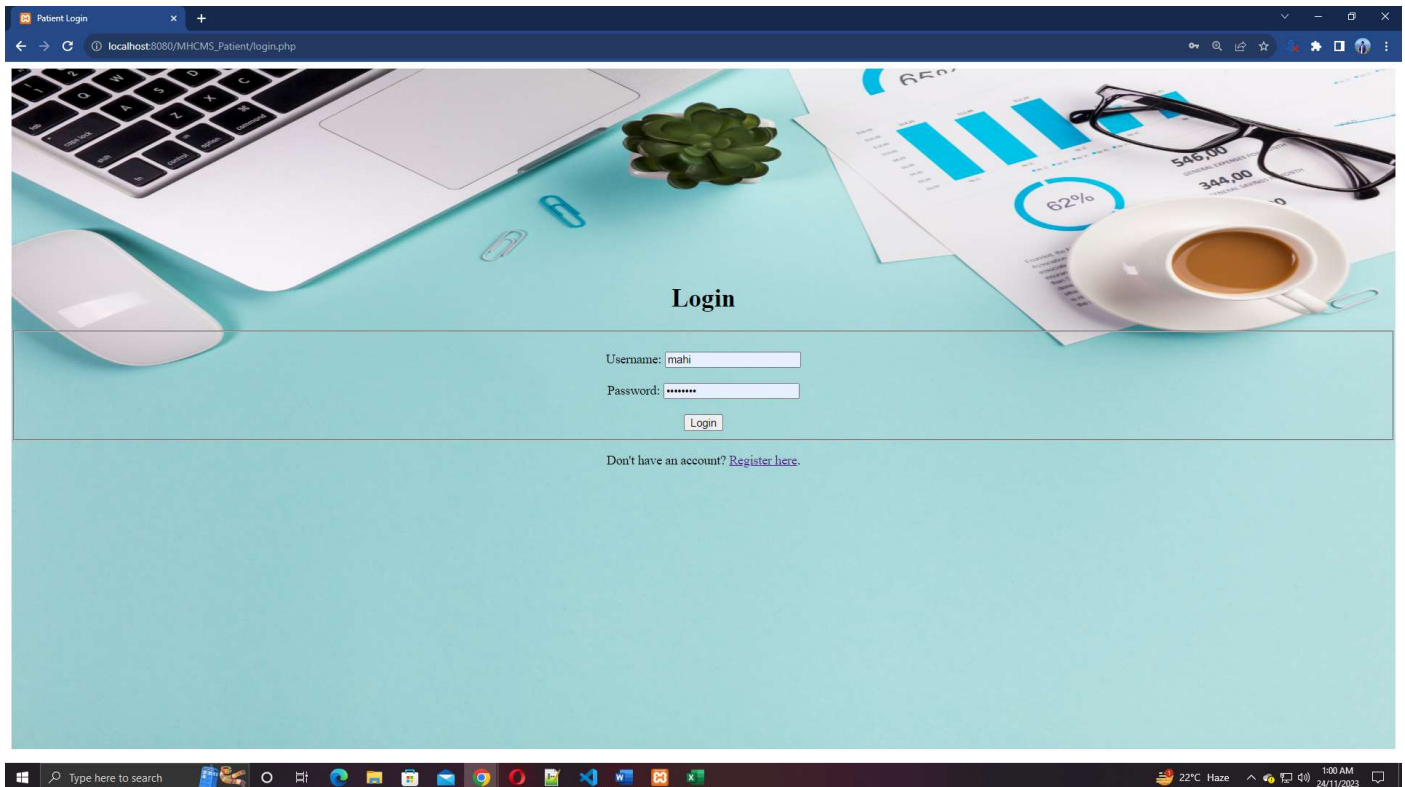
To develop this project, we have used the following:

- Visual Studio Code
- Dia
- XAMPP
- Sublime Text

System Images against the Specification:

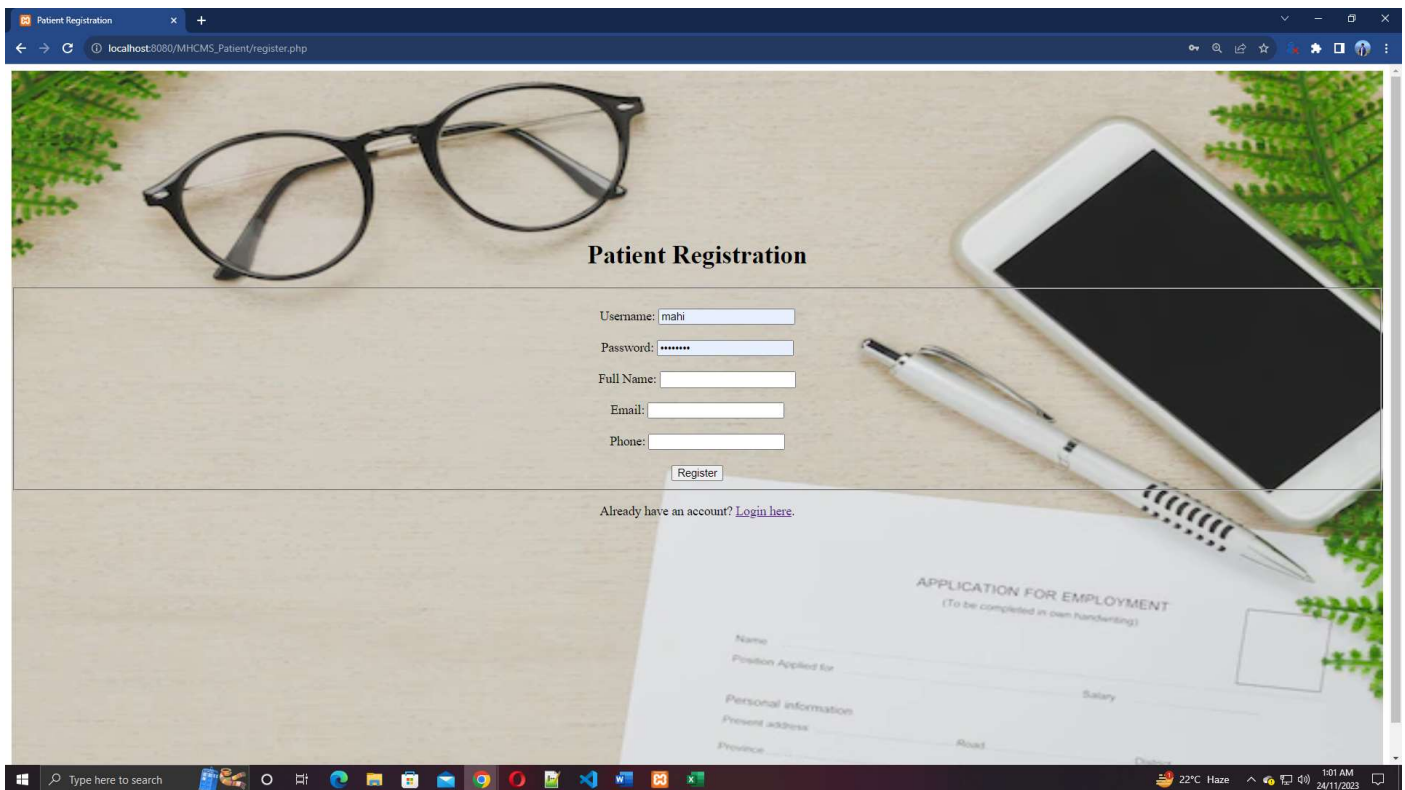
Patient Part:

Login Page:



Mental Health Counseling Management System

Registration Page:



Patient Registration

Username:

Password:

Full Name:

Email:

Phone:

Already have an account? [Login here.](#)

APPLICATION FOR EMPLOYMENT
(To be completed in own handwriting)

Name

Position Applied for

Personal information

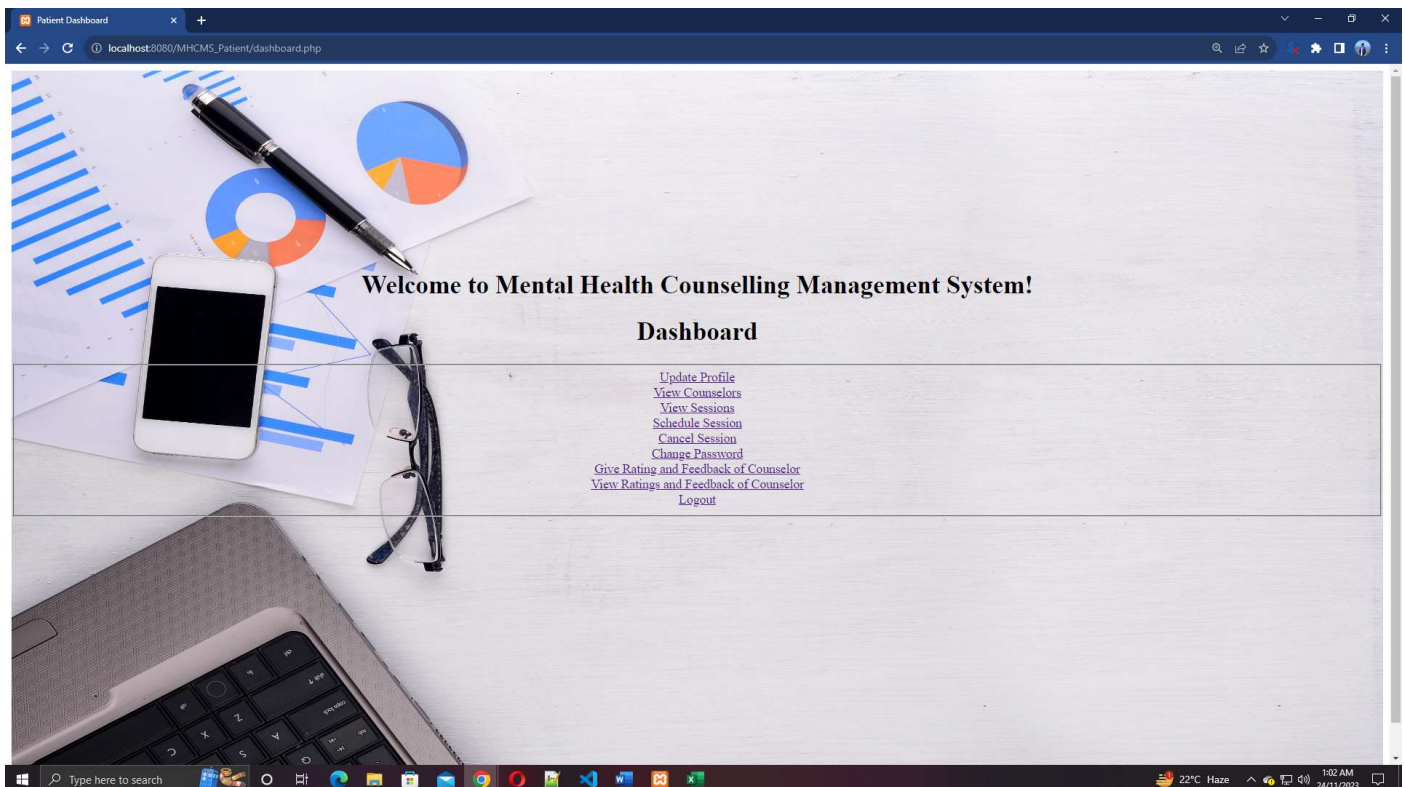
Present address

Province

Road

Salary

After logging in, the website will be moved to the dashboard page.



Welcome to Mental Health Counselling Management System!

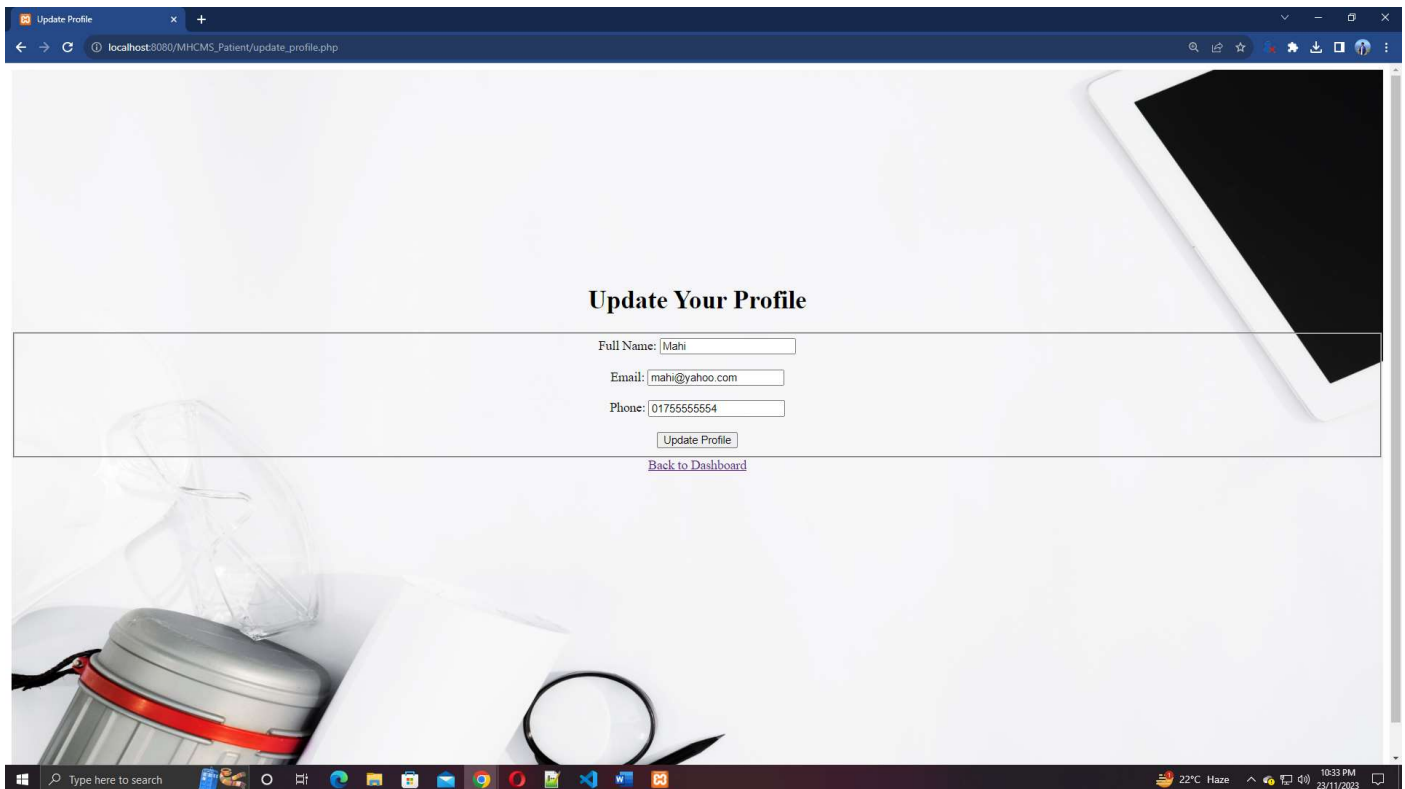
Dashboard

- [Update Profile](#)
- [View Counselors](#)
- [View Sessions](#)
- [Schedule Session](#)
- [Cancel Session](#)
- [Change Password](#)
- [Give Rating and Feedback of Counselor](#)
- [View Ratings and Feedback of Counselor](#)
- [Logout](#)



Mental Health Counseling Management System

Update Profile Page:



Update Your Profile

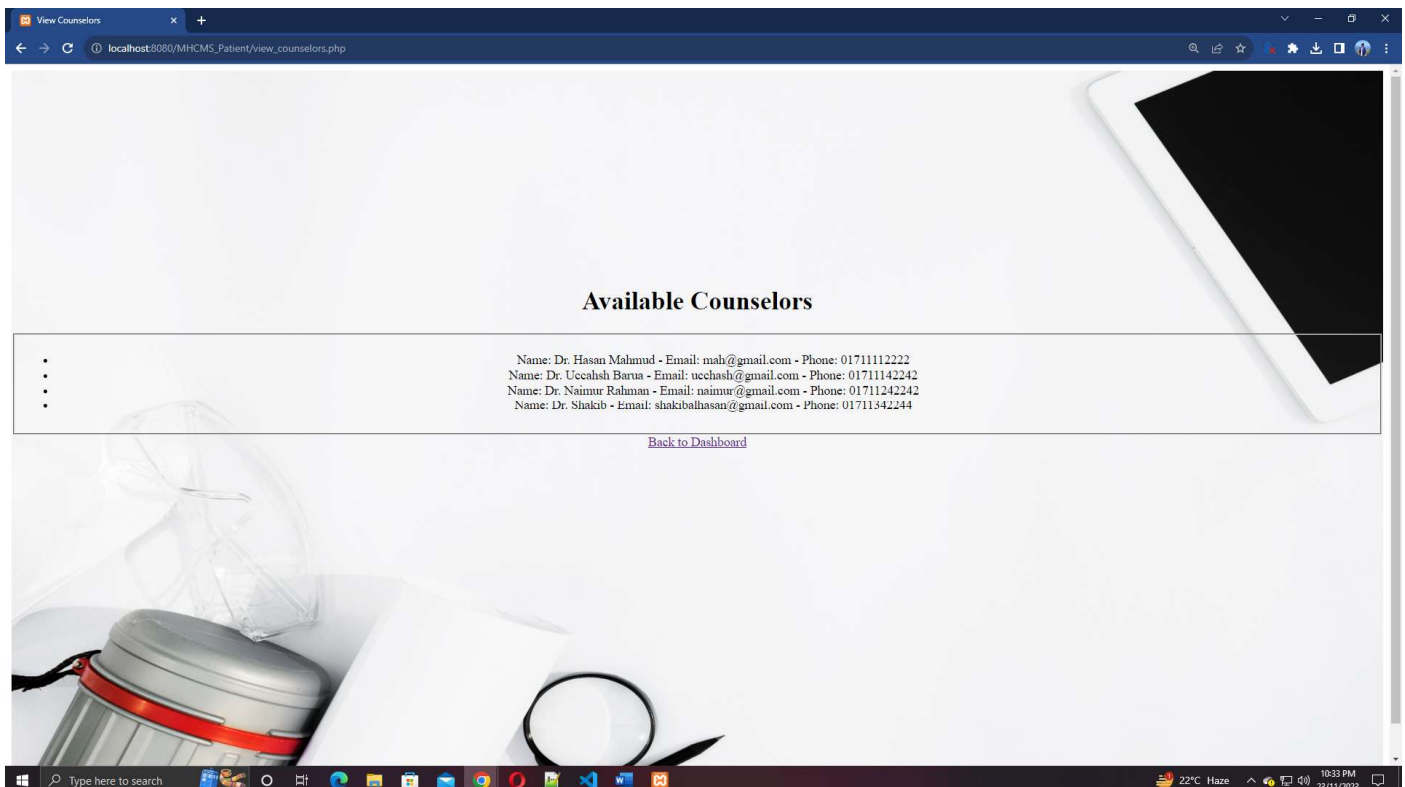
Full Name:

Email:

Phone:

[Back to Dashboard](#)

View the list of Counselors Page:



Available Counselors

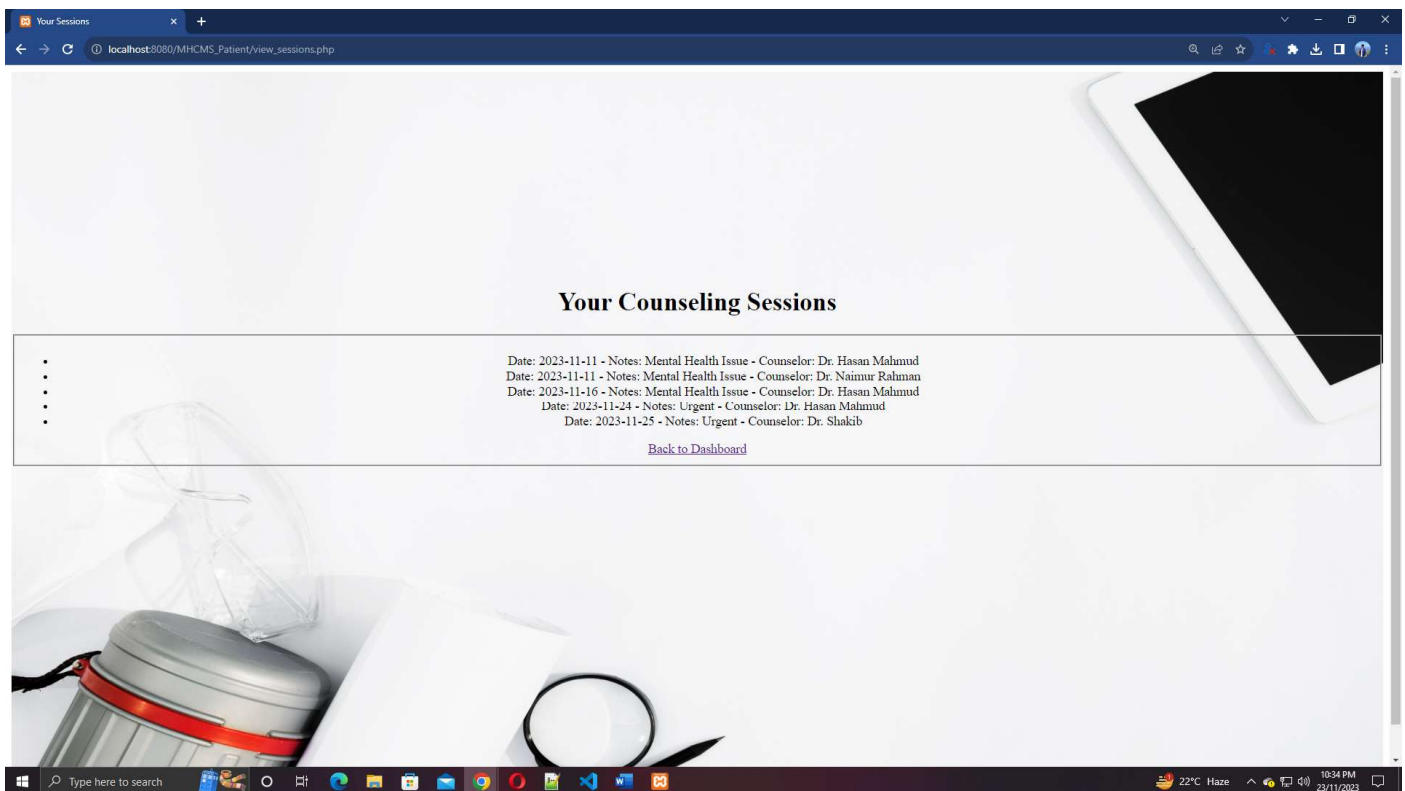
- Name: Dr. Hasan Mahmud - Email: mah@gmail.com - Phone: 01711112222
- Name: Dr. Uccalsh Barua - Email: ucclash@gmail.com - Phone: 01711142242
- Name: Dr. Naimur Rahman - Email: naimur@gmail.com - Phone: 01711242242
- Name: Dr. Shakib - Email: shakibhasan@gmail.com - Phone: 01711342244

[Back to Dashboard](#)

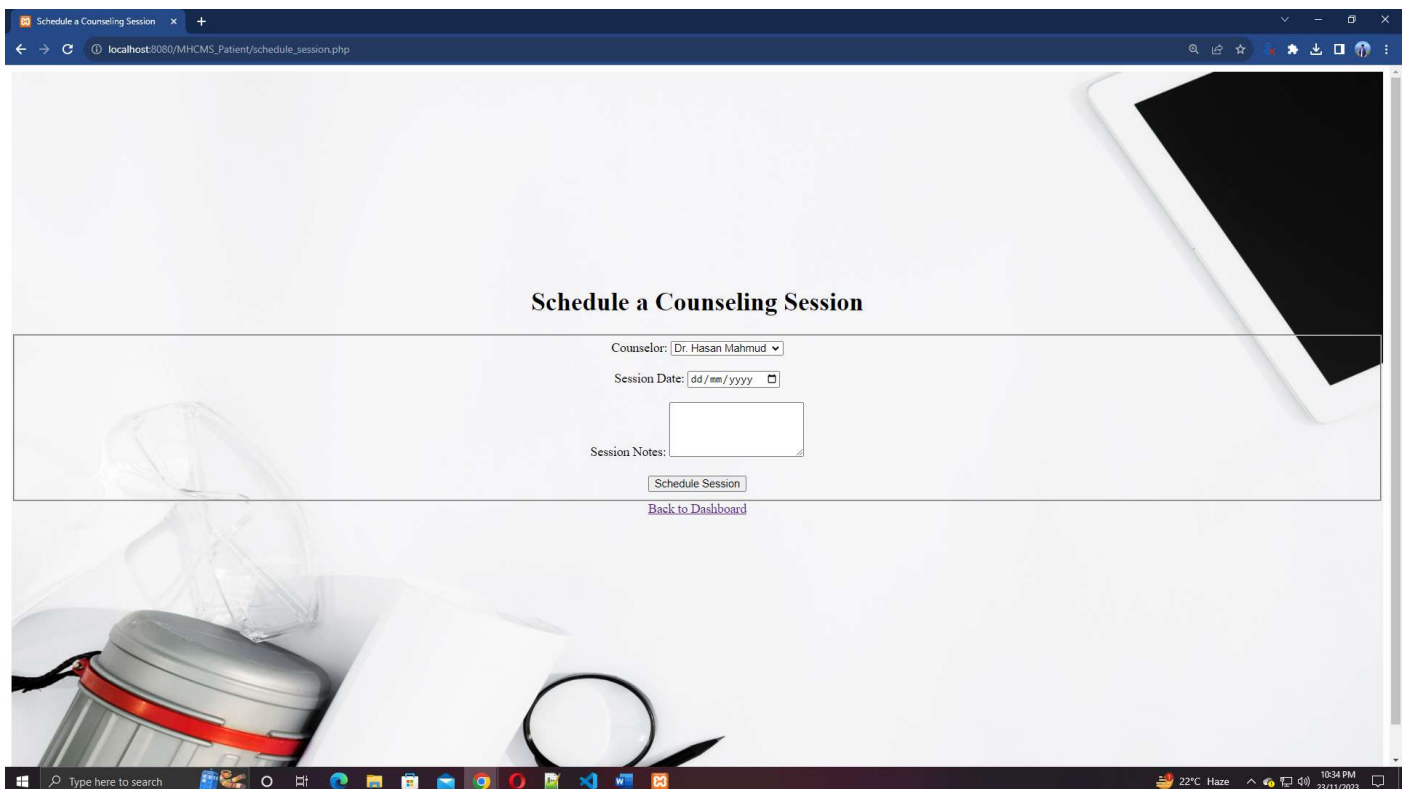


Mental Health Counseling Management System

Counseling Sessions Page:

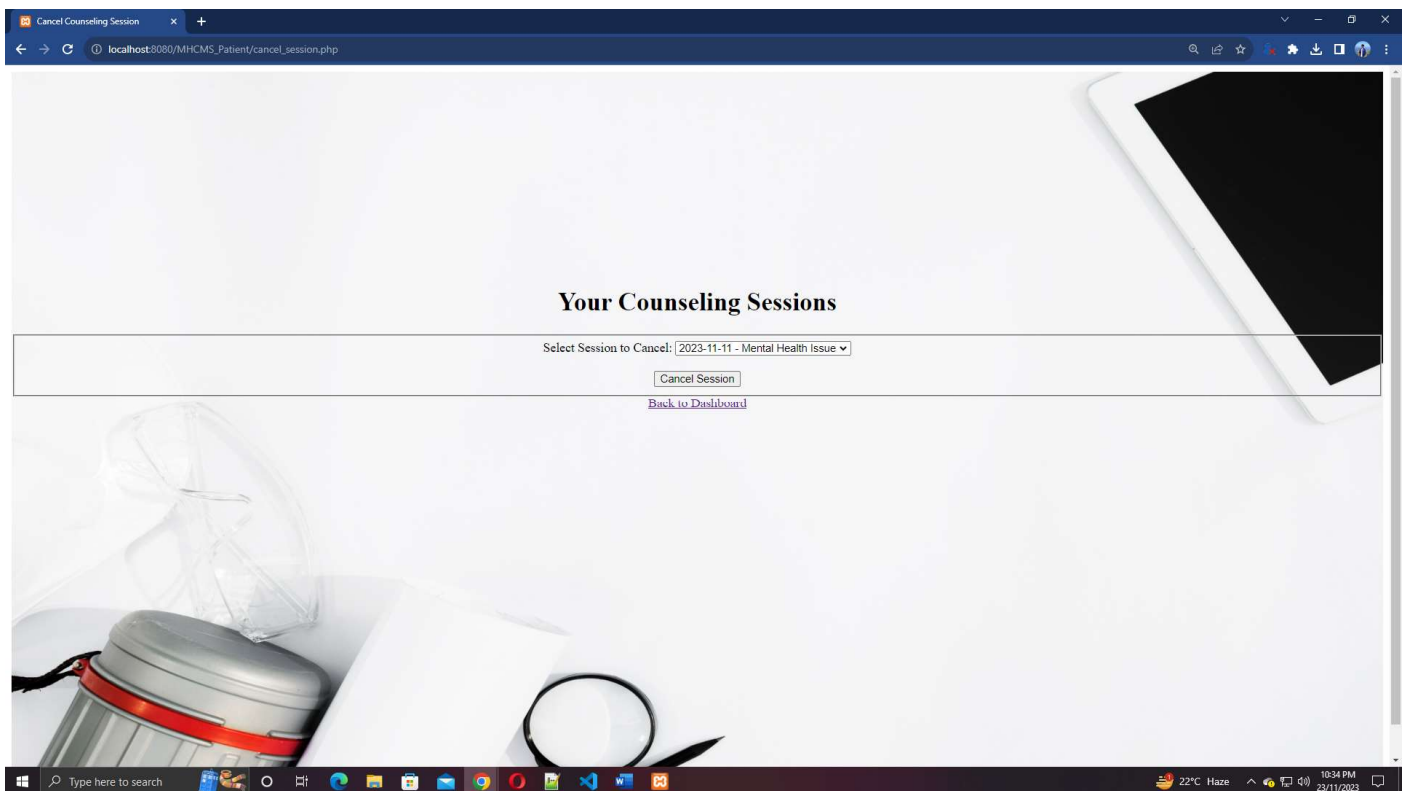


Schedule Counseling Sessions Page:

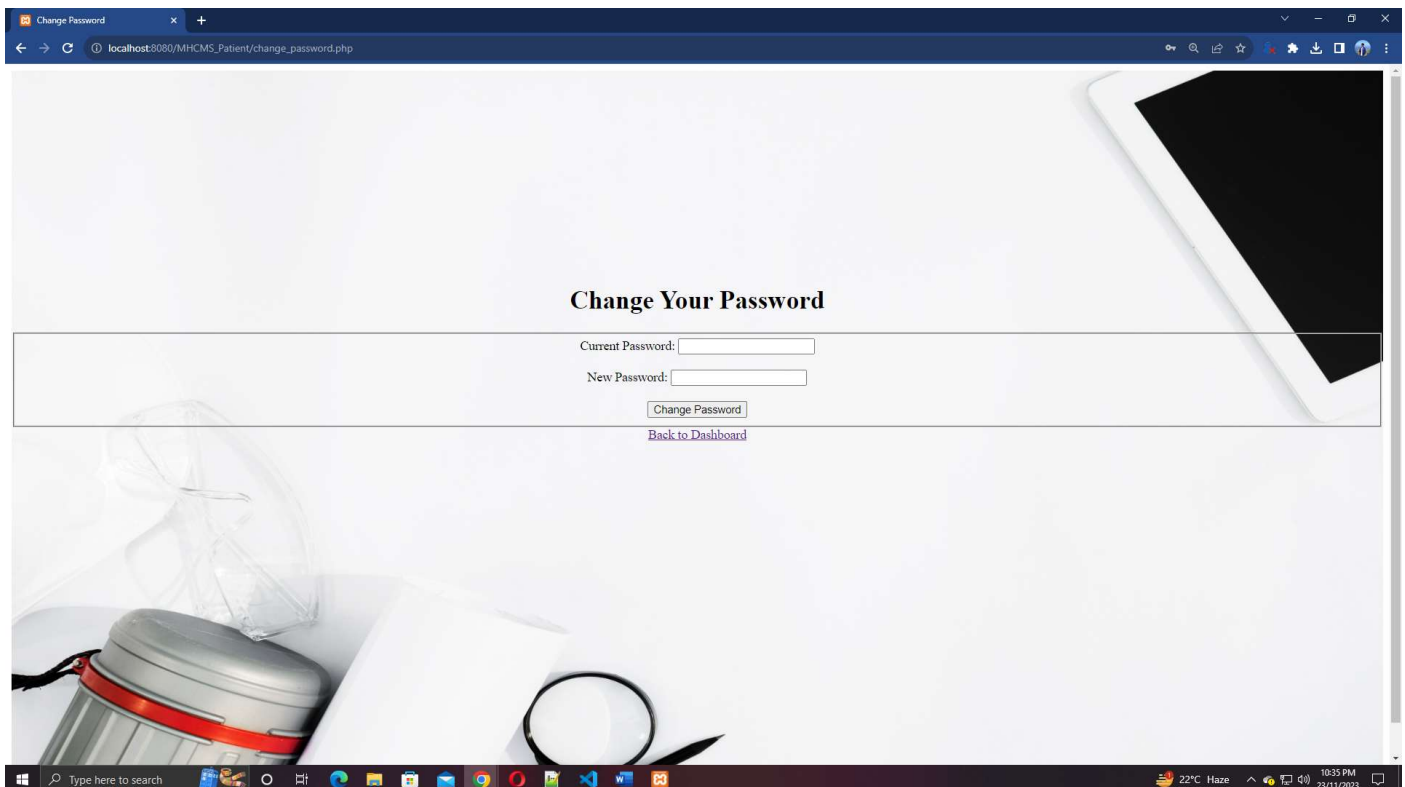


Mental Health Counseling Management System

Cancel Counseling Sessions Page:

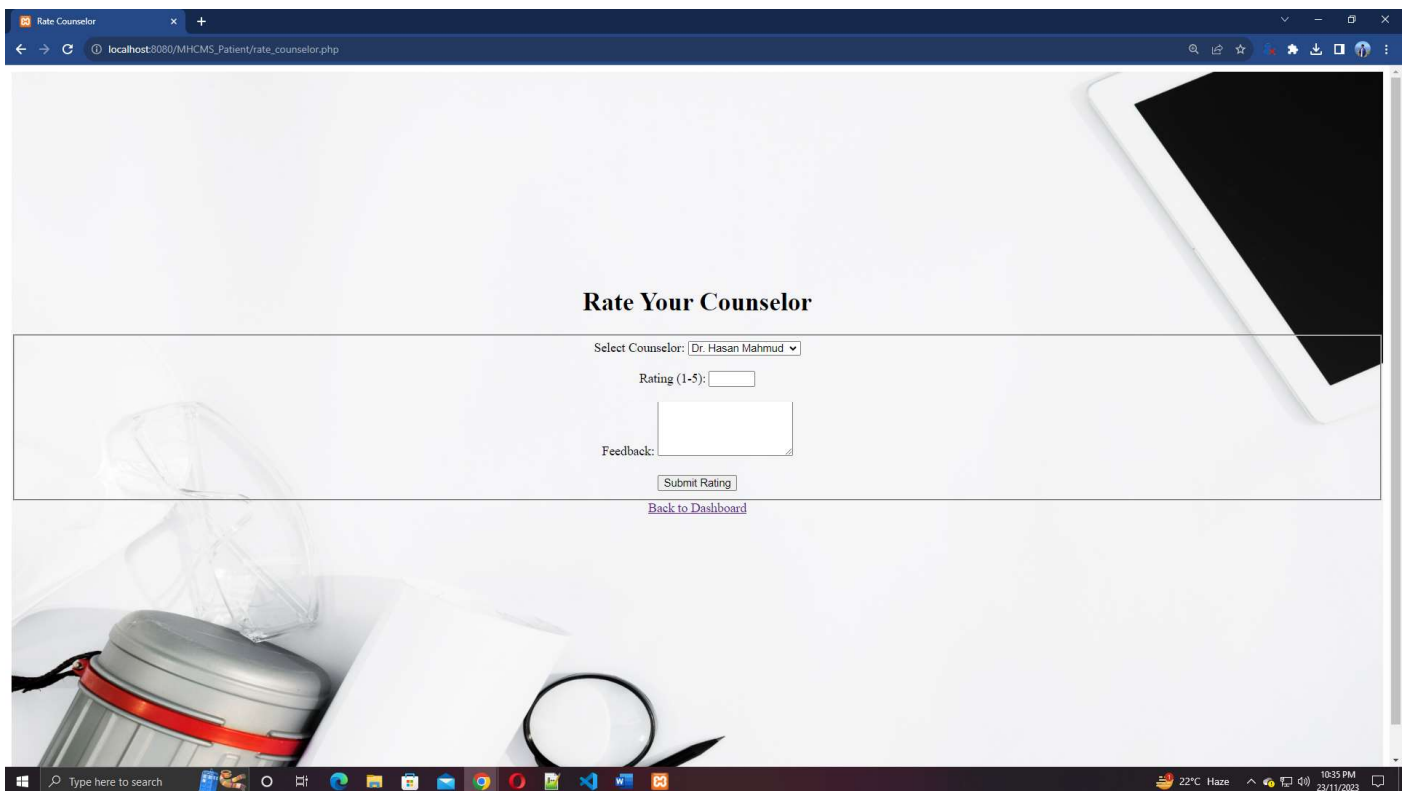


Password Change Page:



Mental Health Counseling Management System

Rate Counselor Page:



Rate Your Counselor

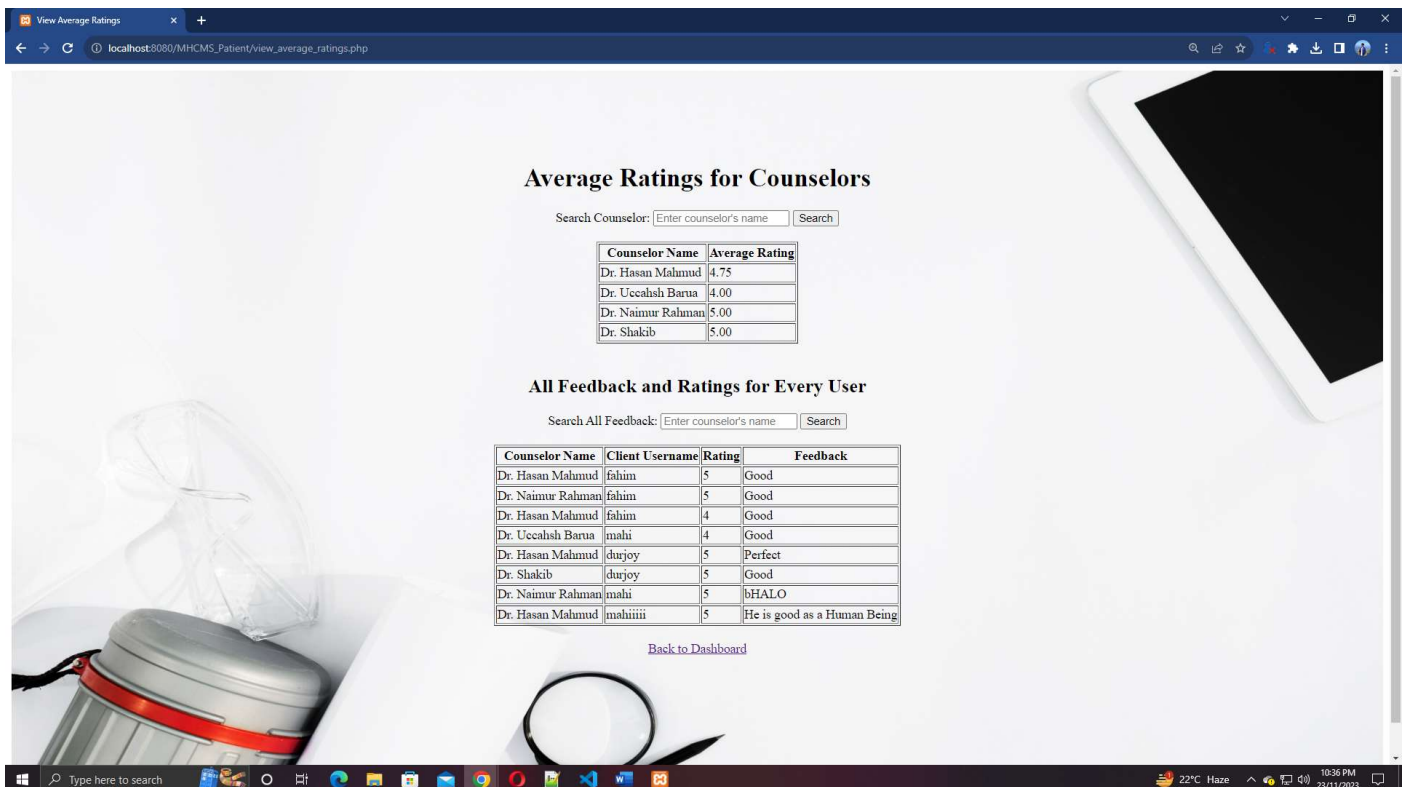
Select Counselor: Dr. Hasan Mahmud

Rating (1-5):

Feedback:

[Back to Dashboard](#)

View Average Ratings, feedback, and ratings of Counselors Page:



Average Ratings for Counselors

Search Counselor:

Counselor Name	Average Rating
Dr. Hasan Mahmud	4.75
Dr. Uccahsh Barua	4.00
Dr. Naimur Rahman	5.00
Dr. Shakib	5.00

All Feedback and Ratings for Every User

Search All Feedback:

Counselor Name	Client Username	Rating	Feedback
Dr. Hasan Mahmud	fahim	5	Good
Dr. Naimur Rahman	fahim	5	Good
Dr. Hasan Mahmud	fahim	4	Good
Dr. Uccahsh Barua	mahi	4	Good
Dr. Hasan Mahmud	durjoy	5	Perfect
Dr. Shakib	durjoy	5	Good
Dr. Naimur Rahman	mahi	5	bHALO
Dr. Hasan Mahmud	mahi	5	He is good as a Human Being

[Back to Dashboard](#)



Mental Health Counseling Management System

Admin Part:

Login Page

Email:

Password:

Submit

Not logged in or Don't have an account?[Register here](#)

SignUp Page

Mental Health Counselling Management System

Username:

Email:

Gender:

Contact Number:

Password:

Confirm Password:

Role:


Submit

By clicking the sign up button,you agree to our
terms and condition


Already have an account?[Login here](#)




Mental Health Counseling Management System




DASHBOARD




Home




Profile




Show All Patients




Show All Doctors




Add Doctors




Add Patients



Patients Appointment



Patients Report



Logout

My Profile

Username:

Antik Sarkar

Email:

antik@gmail.com

Gender:

Male

Contact Number:

182827722

Password:

12890


Confirm Password:

12890


Role:

Admin


Update Profile




DASHBOARD




Home




Profile




Show All Patients




Show All Doctors




Add Doctors




Add Patients



Patients Appointment



Patients Report




Logout


Show All Patients


ID	Name	Gender	Contact Number	Action
2	Abir	Male	1823436839	View Patient
14	Sumik	Male	142042098	View Patient
15	sovik dar	Male	1823673633	View Patient



Mental Health Counseling Management System

**DASHBOARD**


 Home


 Profile


 Show All Patients


 Show All Doctors

 Add Doctors

 Add Patients


 Patients Appointment


 Patients Report


 Logout


Show All Doctors


ID	Name	Gender	Contact Number	Action
3	Anonnya	Male	182827722	View Doctor
6	anik	male	1984353626	View Doctor


**DASHBOARD**


 Home


 Profile


 Show All Patients


 Show All Doctors

 Add Doctors

 Add Patients

 Patients Appointment

 Patients Report

 Logout

Add a Doctor

Username:

Email:

Gender:

Contact Number:


Password:


Confirm Password:


Submit





Mental Health Counseling Management System


 **DASHBOARD**


 Home


 Profile


 Show All Patients


 Show All Doctors

 Add Doctors

 Add Patients

 Patients Appointment

 Patients Report

 Logout

Add a Patient

Username:

Email:

Gender:

Contact Number:

Password:

Confirm Password:

Submit

Impact of this Project:

Given the rising need for mental health services in contemporary culture, the Mental Health Counseling Management System (MHCMS) is becoming more and more significant. MHCMS becomes an essential option in an era of increasing pressures, global events, and lifestyle changes since it provides easily accessible, effective, and individualized care. Geographical flexibility, prompt access to therapy, and better resource distribution for mental health providers are advantages for the general public. The project's data-driven methodology improves treatment results and promotes a wholistic approach to wellbeing, enabling people to take an active role in their mental health. Significantly, MHCMS supports current initiatives to adopt eco-friendly healthcare practices by decreasing the need for physical travel to counseling facilities, so indirectly supporting environmental sustainability. When it comes to providing mental health care, MHCMS is essentially at the forefront of addressing changing societal and environmental requirements.

Limitations and Possible Future Improvements:

MHCMS could have trouble contacting those who don't have much access to the internet, which could keep some groups from participating. Limitations arise from concerns over user adoption preferences and data privacy, necessitating continuous attempts to strike a balance between data collecting and privacy requirements, while also taking user preferences and cultural sensitivity into account. Subsequent versions could include gamification components to increase user involvement and AI for individualized counseling advice. There are several ways to make improvements, like adding more healthcare disciplines to the assistance, developing teletherapy capabilities, creating online support groups, and putting in place a constant feedback system. With these improvements, MHCMS should be more user-friendly, inclusive, and sensitive to the requirements and preferences of a wide range of users.



Mental Health Counseling Management System

CO1.1 and CO2.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

