

# **SYNOPSIS**

## **Report on STUDENT COUNSELLING SYSTEM**

**Submitted by**

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# **ABSTRACT**

The emergence of technology has paved the way for innovative solutions to traditional problems. One of the major areas that have benefited from technological advancements is mental health care. Student counseling systems have become increasingly popular as a convenient and accessible way to seek counseling services. The student counseling system provides individuals with the opportunity to connect with licensed and qualified counselors, psychologists, or therapists via a virtual platform. This system aims to address the challenges of traditional in-person counseling services, such as distance, time constraints, and social stigma.

The student counseling system project typically consists of a website or mobile application that offers a range of counseling services, including individual, family, and group counseling. The system also provides users with a range of communication options, such as chat, audio, and video calls, to ensure flexibility and convenience for users. The online counseling system project is designed to ensure the privacy, security, and confidentiality of user information and communication.

The scope of an student counseling system project includes user registration and profile creation, counseling session scheduling and management, secure messaging and file sharing, audio and video call functionality, payment processing and management, access to counseling resources and materials, user feedback and ratings, and administrative tools for managing the system and user data.

Overall, an student counseling system provides a modern solution to the challenges of traditional in-person counseling services. It offers accessible, convenient, and confidential mental health care services to individuals who may be unable to access traditional in-person counseling services. The student counseling system project has the potential to make mental health care more accessible and convenient for individuals, and it is an innovative solution to the challenges of traditional in-person counseling services.

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# INTRODUCTION

An student counseling system project is a software application that provides counseling services to individuals through a virtual platform. The project aims to make counseling more accessible and convenient for individuals who may not be able to attend in-person sessions due to various reasons such as distance, time, or social stigma.

The student counseling system project typically consists of a website or mobile application that allows users to connect with licensed counselors, psychologists, or therapists via chat, audio, or video calls. The system may also include features such as scheduling appointments, secure messaging, file sharing, and payment processing.

The student counseling system project is designed to ensure privacy, security, and confidentiality for users, with data protection measures in place to ensure that personal information and communication remain confidential. This project has gained popularity in recent years due to the ease and accessibility it provides to individuals seeking counseling services, especially during the COVID-19 pandemic when many people are unable to attend in-person sessions.

Overall, an student counseling system project has the potential to make mental health care more accessible and convenient for individuals, and it is an innovative solution to the challenges of traditional in-person counseling services.

# PROJECT OBJECTIVE

The objectives of an online counseling system are to provide accessible, convenient, and confidential mental health care services to individuals who may be unable to access traditional in-person counseling services due to various reasons. The following are some specific objectives of an online counseling system project:

1. To provide users with easy access to licensed and qualified counselors, psychologists, or therapists.
2. To offer users a range of counseling services, including individual, family, and group counseling.
3. To ensure that communication between users and counselors is secure and confidential.
4. To provide users with flexible scheduling options for counseling sessions.
5. To offer a range of communication options, such as chat, audio, and video calls.
6. To provide users with affordable counseling services compared to traditional in-person sessions.
7. To ensure that the online counseling system is user-friendly and easy to navigate.

The scope of an online counseling system project may vary depending on the specific requirements and goals of the project. However, the following are some areas that are typically included in the scope of an online counseling system:

1. User registration and profile creation
2. Counseling session scheduling and management
3. Secure messaging and file sharing between users and counselors
4. Audio and video call functionality
5. Payment processing and management
6. Access to counseling resources and materials
7. User feedback and ratings for counselors
8. Administrative tools for managing the system and user data.

## TECHNOLOGY USED

HTML : Page layout has been designed in HTML

CSS : CSS has been used for all the designing part

JavaScript : All the validation task and animations has been developed by JavaScript

PHP : All the business and frontend logic has been implemented in PHP

MySQL : MySQL database has been used as database for the project

### **Hardware Requirements:**

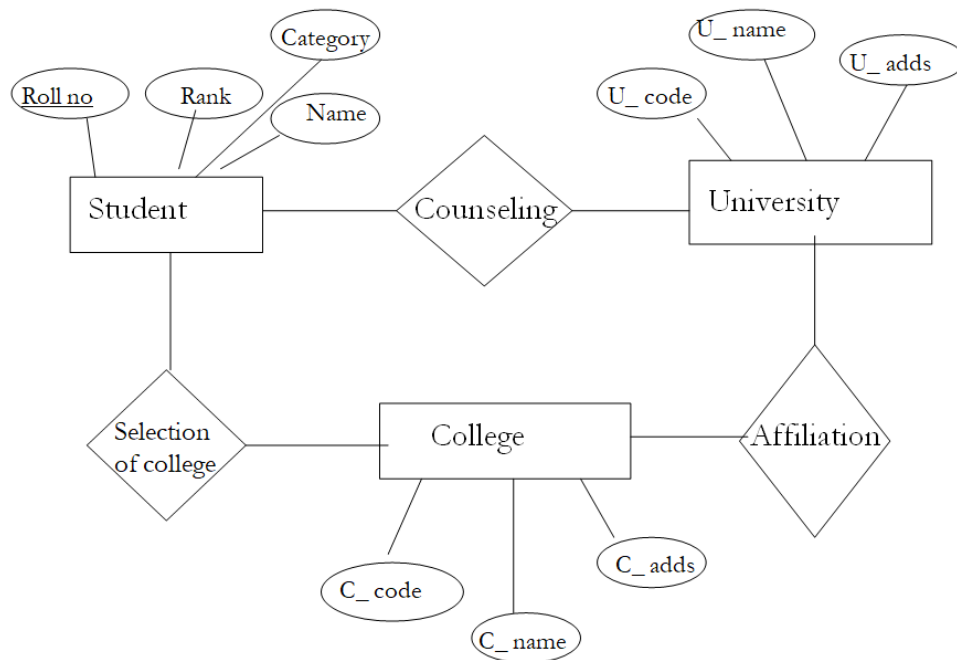
1. i3 Processor or higher Based system.
2. Memory: 1 GB RAM.
3. Hard Drive: 50 GB.
4. Internet Connection

### **Software Requirements:**

1. Windows 7 or higher.
2. Visual Studio.
3. SQL Server.
4. Browser – Google Chrome.

# METHODOLOGY

Almost existing counselling of students are done manually based where there is a huge involvement of traditional methods like humans and paperwork which consumes more time, complicate process, counselling more students is a complex task, difficulties in test evaluations, risks in data management and many more. This online student counselling system will give great support to universities and colleges through which they can totally reduce the paper usage and time for counselling and guiding the students towards their future goals and careers. Student can give basic details like Email & Contact number verification by OTP to get registered and can login by using credentials. Student can Update Basic details, Address Details, Physical details, Govt ids, Parent details, Academic Details & Fees Details. Student can change their password as needed by logging in his profile. Student can add Feedback to Counselor or Admin.



# RESEARCH OUTCOME

Based on the reviewed literature, the following outcomes were identified regarding student counseling systems:

1. Student counseling systems are effective in reducing students' anxiety, depression, and stress levels.
2. Incorporating technology into counseling services can improve accessibility and reduce the stigma associated with seeking help.
3. Lack of awareness, stigma, and fear of confidentiality breaches are significant barriers to accessing student counseling services.
4. Counselors play a critical role in determining the effectiveness of counseling services, emphasizing the need for them to be trained in evidence-based practices and provide personalized and empathetic care.

Overall, these outcomes highlight the importance of promoting student mental health through effective counseling services that address the unique needs of each student. Further research is needed to develop interventions that address the identified barriers and ensure that all students have access to mental health services.



# MODULES

This system comprises of 3 major modules with their sub-modules as follows:

## → Admin

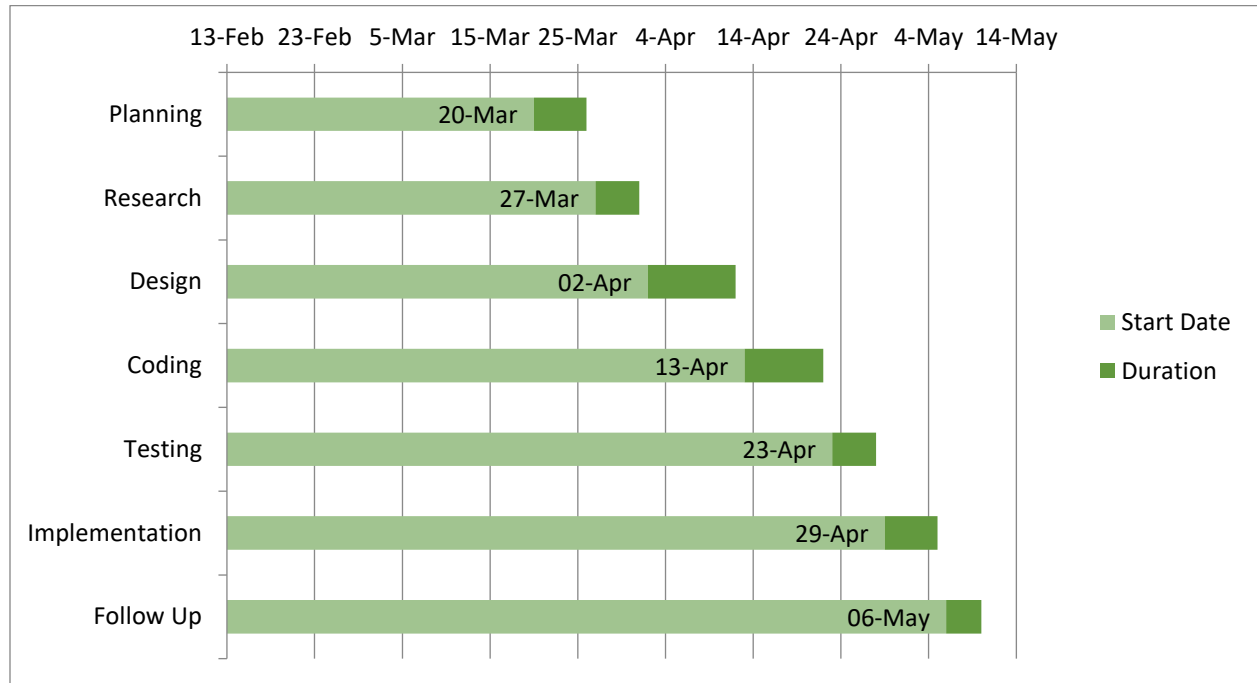
1. Login: Admin can login in his personal account using id and password.
2. Add Counselor: Admin can add a new counselor with their details and create login id and password.
3. Add Question: Admin can add new questions by specifying their options and the correct answer.
4. View Student: Admin can view all information about the student.
5. View/Edit/Delete Question: System allows admin to view/edit/delete a question.
6. View/Delete Counselor: Admin can view Counselor info. In addition, can delete a counselor if required.
7. Manage Fees: Admin will be able to manage every student's fees.

## → Counselor

1. Login: Counselor can login their personal account using id and password, which is provided by the admin.
2. View Student/ Chat: A counselor can initiate a chat with the student whenever required.
3. View Score: Counselor can view scores of Students who attempt the test.
4. Add Feedback: Counselor can give feedback to admin regarding any changes or any system problem. → Student
5. Register: Student can give basic details like Email & Contact number verification by OTP to get registered.
6. Login: Student can login using ID and password.
7. Profile: Student can Update Basic details, Address Details, Physical details, Govt ids, Parent details, Academic Details.
8. View Counselor/Chat: Student can view counselor and also can chat with them if required.
9. Take a Test: Student can take test on questions set by admin and select correct answer for the it.
10. View Score: Student can view their own score history to know how they scored previously.

11. View Counselor/Chat: Student can view counselor and also can chat with them if required.
12. Change Password: Student can change their password by logging in their account and entering new one.
13. Feedback: Registered Students can write a feedback message to the admin about the working of the system.

# GANTT CHART



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