An Android-Based Application to Prevent Suicidal Attempt

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Abstract: Suicide is killing yourself on purpose, dying at your own hand. Suicidal attempt and suicide is a serious and increasing problem worldwide. The primary reason to design and develop this system is to increasing awareness those peoples are attempts to suicide. This application is design and developed with some question and answer session all the question is about a user daily routine and present condition of life related. After complete the question answer session registered user can got there result by clicked the next button. This application is analysis very carefully users all questions. Finally given counseling for user better life .This projects gives the study about prevent suicidal attempt all over the world.

Key Words: Android, Suicidal Attempt, Cause detection, Prevention, Staying Alive

I.   Introduction

Suicidal is a serious and increasing problem worldwide. The emergence of the digital world has had a tremendous impact on people's live, both negative and positive, including an impact on suicidal behaviors. Suicidal has been the second leading cause of death for young and adults in the World. The prevalence of suicidal behaviors was highest among young aged 18–29 years, typical ages of college students. It is important to highlight the fact that suicidal are preventable; prevent efforts would require a comprehensive multi sectored prevent response in all countries. Based on the societal impacts that suicidal has in many countries, it is very important that health services incorporate Suicidal attempt prevent as a central component. In addition, alcohol consumption and mental disorders contribute to many suicidal worldwide .Early identification and effective management are key for people at risk for suicidal, so they can receive the care they need. Yet suicidal are preventable with timely, evidence-based interventions and following the instruction of web and android- based suicidal attempt prevent application.

II.   Justification

The primary reason to design and develop this system is to increasing awareness those peoples are attempts to suicidal. Now-a-days the suicidal is increasing day by day for a tiny reason. In this system we discuss about peoples rescue from suicidal attempt.

III.   Literature Review On Prevent Suicidal Attempt

More than 220 million people in the United States have access to the Internet at home or work; with worldwide access over 1.7 billion. The increasing availability and popularity of the Internet has expanded opportunities for Suicidal attempt prevent. Existing online Suicidal attempt prevent programs include Web sites that provide information about treatment resources, self-help and resources for helping others, and anonymous counseling services. The National Suicidal attempt prevent Lifeline (www.suicidalpreventlifeline.org), for example, provides a free 24-h hotline as well as links to other Suicidal attempt prevent resources. The site also links to the Veterans Suicidal attempt prevent Hotline and a live chat feature for veterans and others in the military community .One advantage of Android-based outreach and prevent programs is that persons in crisis can access information at all times of day and are not limited to seeking help during conventional business hours. Further, some users prefer the privacy and anonymity afforded by the Internet and may choose to initially

visit a Web site instead of calling a telephone hotline or seeking help in-person. Community discussion forums, blogs posted by Suicidal attempt prevent experts, and self-assessment tests that provide feedback and recommendations can be also integrated into these sites. The Web site afterdeployment.org, for example, provides a depression self-assessment, contact information during times when the user is experiencing significant distress, as well as content identifying when signs and symptoms should be evaluated by a clinician. Engaging and interactive multimedia content can also be integrated into the design of Suicidal attempt prevent Websites. For example, the National Suicidal attempt prevents Lifeline's www.lifeline-gallery.org Web site features suicidal survivor stories presented by avatars (a user's graphical or animated representation of self). Users create and design the appearance of their avatars, write a description about their experiences with suicidal, and then record their voices or choose a computer generated voiceover to tell their stories. As of March 2010, users had shared more than 600 stories. The innovative use of these avatars provides a personalized, interactive experience while helping users maintain anonymity. In sum, Android-based Suicidal attempt prevent programs not only connect individuals with services, but can also create interactive and engaging environments for support and education.

Many international Suicidal attempt prevent organizations currently provide support via e-mail. Samaritans (www.samaritans.org) is a British organization that provides a volunteer-run e-mail support service. Users receive personalized responses Form counselors within 12h of initiating contact. E-mail is also effective for large-scale community outreach programs. For example, Haas et al.8 contacted college students at risk for depression and suicidal via e-mail. Students first completed an online behavioral health survey moderate, and low-risk groups based on level of depression and suicidal ideation. Mental health providers received e-mail notifications of students' scores and subsequently contacted the participants who were ranked moderate and high risk to initiate e-mail correspondence. The students who participated in e-mail correspondence with a therapist had approximately three times greater likelihood of entering into face to face treatment compared with the students who did not take part in e-mail correspondence. Another potentially effective use of e-mail outreach for Suicidal attempt prevent is sending caring letters to patients at high risk for suicidal following discharge Form inpatient psychiatric treatment, when risk for repeated suicidal attempt is heightened.9–11 Motto 12,13 found that periodically sending personalized correspondence to inpatient psychiatric patients after discharge significantly reduced later suicidal when compared with those who did not receive letters. The ''caring letters'' concept is the first psychological intervention that has reduced suicidal in a randomized clinical trial.14,15 The National Center for Tele health and Technology is currently conducting a pilot Caring Letters study at Madigan Army Medical Center (MAMC) to evaluate the feasibility of the program for possible expansion to other military hospitals.
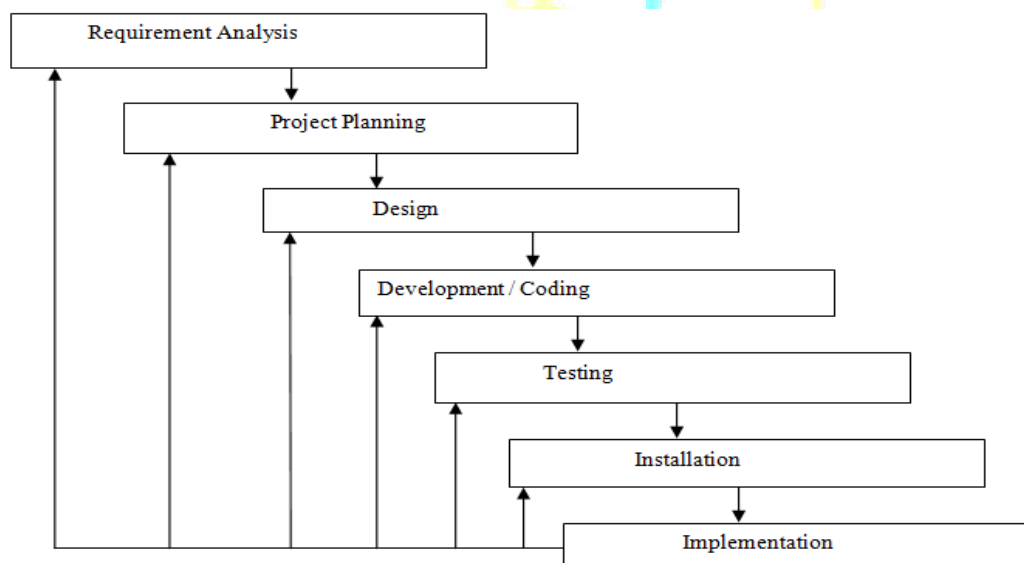
IV. Methodology

Figure 1: Workflow of the project

We have divided our entire work into seven stages, which is the work flow of our project. Using this workflow we have done our project very smoothly because it is a serial process. For solving any problem or any system

development, the whole work should be handled in that segment so that accuracy can be provided. So, we have followed the workflow to increase accuracy. Due to the seven-stage features and feedback scope system. Our workflow feature can return it to the previous step. We can return and correct the system at any time according to the requirement. In this workflow, before completing the next stage, each stage must be completed completely.

V. DESIGN

In our project when we finalizing the requirements we design database, flowchart, use case diagram and the all UI. We also used Android Studio which is widely accepted for the better understanding of the requirements.

FLOW CHART

Flowcharts use simple geometric symbols and arrows to define relationships. In programming, for instance, the beginning or end of a program is represented by an oval. A process is represented by a rectangle, a decision is represented by a diamond here we design a flowchart for our project by using those necessary symbols.

Figure 4.2 Flowchart

Figure 2: Flowchart
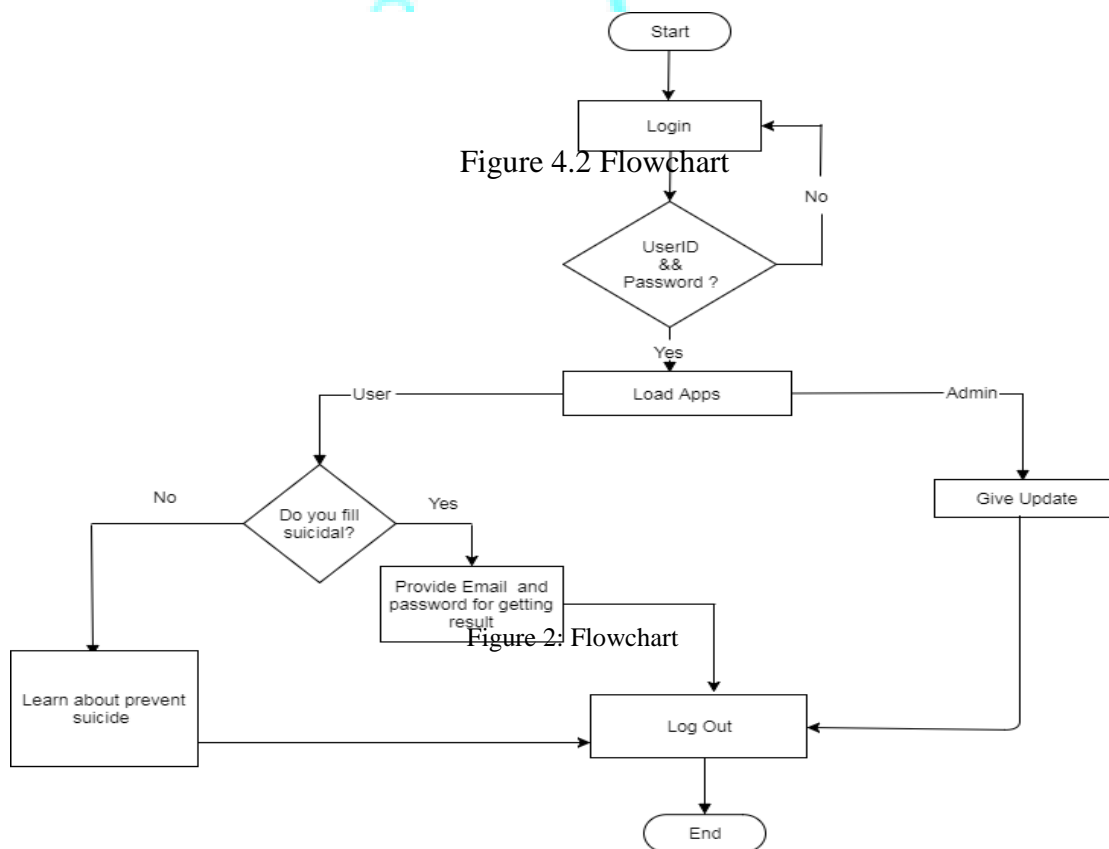
VI. Usecase Diagram

Android-based Suicidal attempt prevent system case is a list of steps, typically defining interaction between a role and a system, to achieve a goal. The admin can be a human or an internal system. Use case diagram depicts functionalities of the system a given user can perform to accomplish a task and meet his goal. Android-based Suicidal attempt prevent system the diagram shows the interaction between the admin and the user of the system.
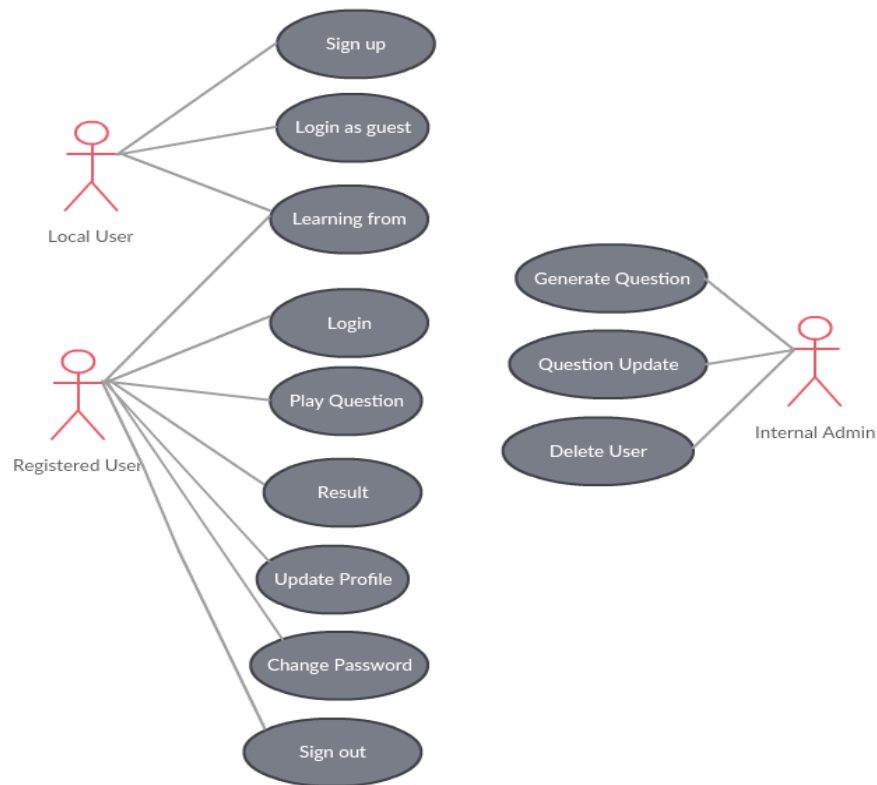
Figure 3: Use case Diagram

PROJECT DESCRIPTION

This is a system where the registered user and unregistered can learn, how to prevent suicidal attempts. This system is totally developed for increasing the people's awareness so that they can prevent the suicidal attempts. Here is the description of some feature of our projects as Home page, signup page, login page, learn page etc.

HOME PAGE
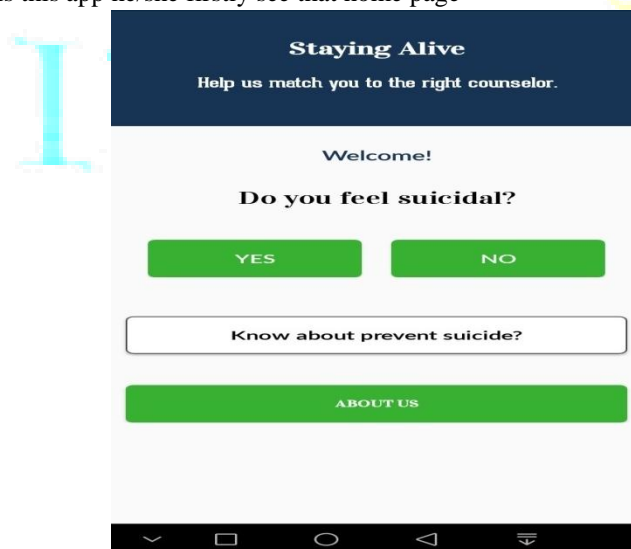When a user installs this app he/she firstly see that home page

Figure 4: Home Page

REGISTRATION PAGE

This is registration page for all users. By using Full Name, Email, Mobile number and Password user can be registered user. After completed the registration the registered user can login successfully in next login page.
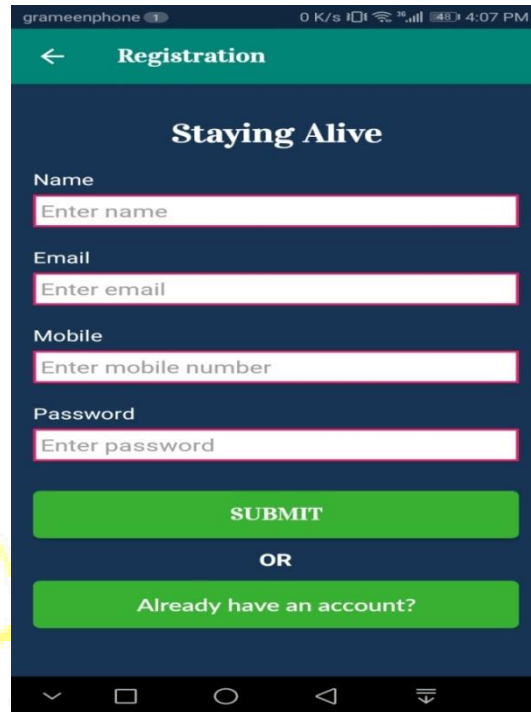

Figure 5: Registration Page

LOGIN PAGE

This is login page for all registered users. After registration, if registered user included Email and Password then he/she can login here.
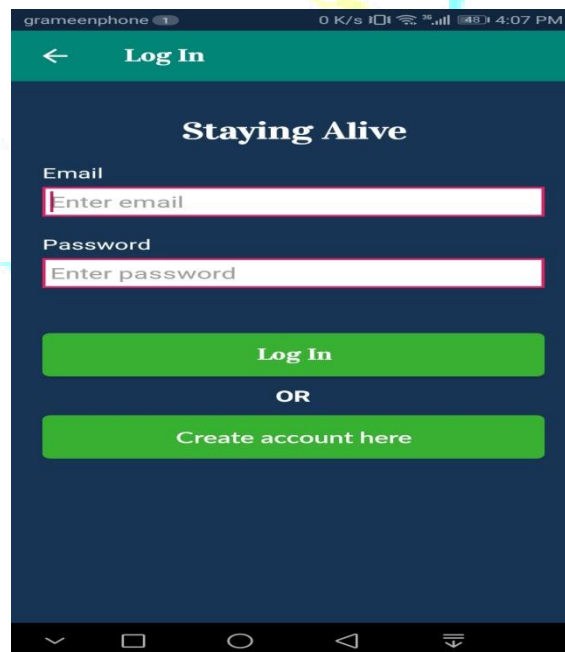

Figure 6: Login Page

VII.   Result Form

After complete the question answer session registered user can got there result by clicked the next button. When they login with their registered email and password, then they find there result. In this application user can find more than 100 results. Now here show some sample results.
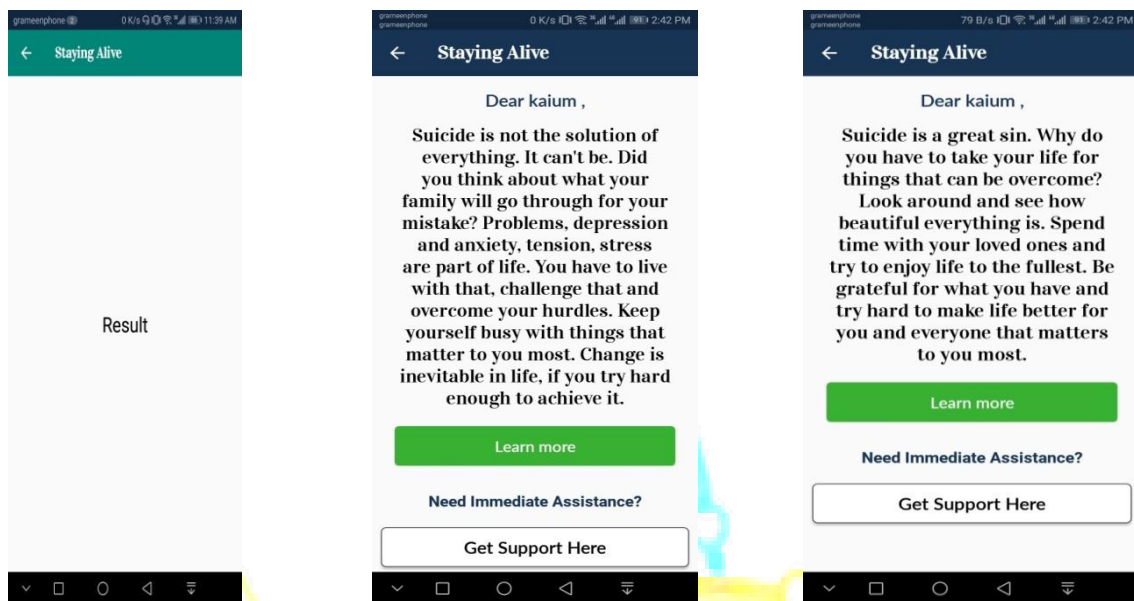

Figure 7: Result Form

VIII.   Conclusion

This is to conclude that the project that we undertook was worked upon with a sincere effort. Suicidal is a serious and increasing problem worldwide. We develop this project for increasing awareness those peoples are attempts to suicidal. Here have some question and answer session, after complete the question and answer session user can get their result automatically. All users can get immediate assistance by clicking get support here button. It does provide a friendly graphical user interface which proves to the best. As a conclusion, the system designed in this work is well performed.

LIMITATIONS

Although the project work has reached its aims, there were some limitations like it's not able to detected suicidal causes and prevent suicide.

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