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# A Web-based Mental Health Detection and get Cure Application

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**ABSTRACT:** Mental illness is a health problem that undoubtedly impacts emotions, reasoning, and social interaction of a person. Mental disorders are a leading cause of long-term disability worldwide. This project involves building a simple web base application that helps to track the mental health of its users and tries to help them get through their condition by suggesting tasks and keeping record of their progress

**KEYWORDS:** Mental Health detection, Tasking, Accuracy, Solutions, Final Result.

## I. INTRODUCTION

Mental disorders are a leading cause of premature death and persistent disability worldwide. 1–4 In those aged 10–24 years, neuropsychiatric disorders contribute more than any other cause to the global burden of disease. 5 In addition to the early age of onset of mental disorders, factors including their prevalence, chronicity, comorbidity with physical illness, risky alcohol or other substance use, and high suicide risk and self-harm behaviour significantly contribute to significant disability and premature mortality. 6–15 Consequently, earlier identification, personalized early interventions, secondary prevention and enhanced long-term care in the early phases of these disorders are key priorities to reduce persistent disability and premature mortality. Young people presenting to mental health services commonly experience a variety of symptoms that are often less specific (eg, anxiety, high level of psychological distress, sleep problems, mood instability and variable psychosocial function) and not yet sufficiently severe to meet thresholds for assigning specific diagnostic categories. Thus, current syndrome-focused classification systems, and their matching clinical guidelines, often map poorly onto the earlier phases of mental illness.

## II. RELATED WORK

The concept of Mental Health detection was first introduced by William Sweetzer. [1]. In this section we present related work of Mental Health specifically works that focus on monitoring human mental health by using web base application. [2] This taxonomy provides researchers in this emerging field with a general overview and can also serve as a preliminary guide to current researchers when designing their studies to monitor a particular mental state. In [3] the interest among People for using Web applications on a daily basis to monitor their mental health condition due to it is a feasible tool, time convenient and it gives real time data.

The work in this paper is divided in two stages. 1) Mental Health Detection 2) Final Result. Mental Health Detection, Aware the people about the mental health because of pandemic the mental health issue are grown so much. Patient-related information is available on the Internet, but I have spent nights after nights in search of information on how a caregiver can handle patient[s] in certain situation, there is no data available for us"

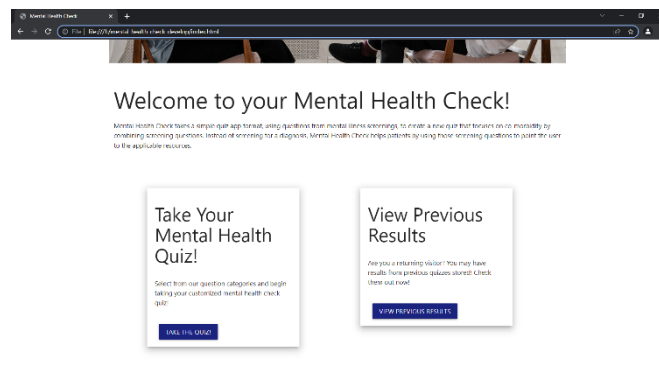
### III. METHODOLOGY

People are more aware now than ever before of how important is mental health. People have questions about mental health that feeling sad or unhappy is a sign of mental health issue? how can we look at mental health? These types of questions are totally fine to ask due to the lack of knowledge about this topic. Talking / discussing about the mental health with other people is kind of a way for some people to feel a shame because of stigma. Having the knowledge about mental health can give you an unafraid conversation with people.

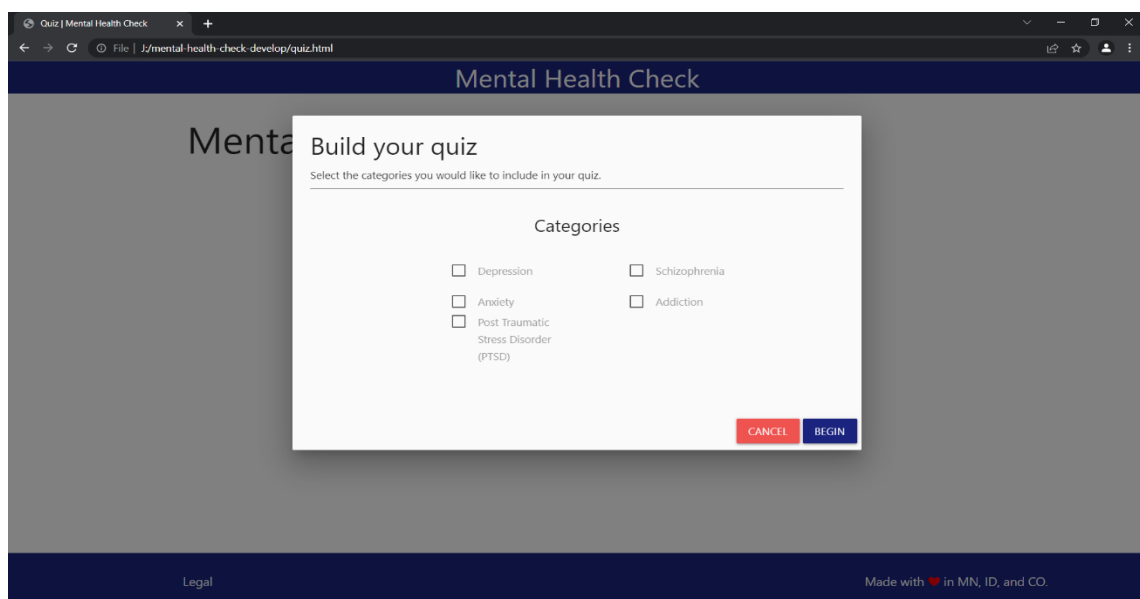
The algorithm works on the user given data. In our project we ask general questions to the user and on the basis of their current answer and the data stored in the system on the previous answer and given by the user, the system concludes the result and gives a suggestion.

### IV. EXPERIMENTAL RESULTS

Figures show the results of our project. Figs. (a) shows the Front page. (b) is the image of categories what type of feelings you have at the current time.

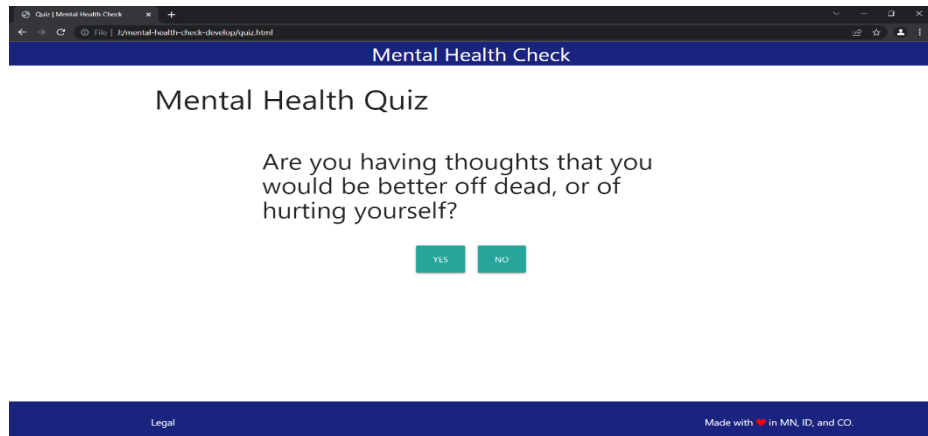


(a)

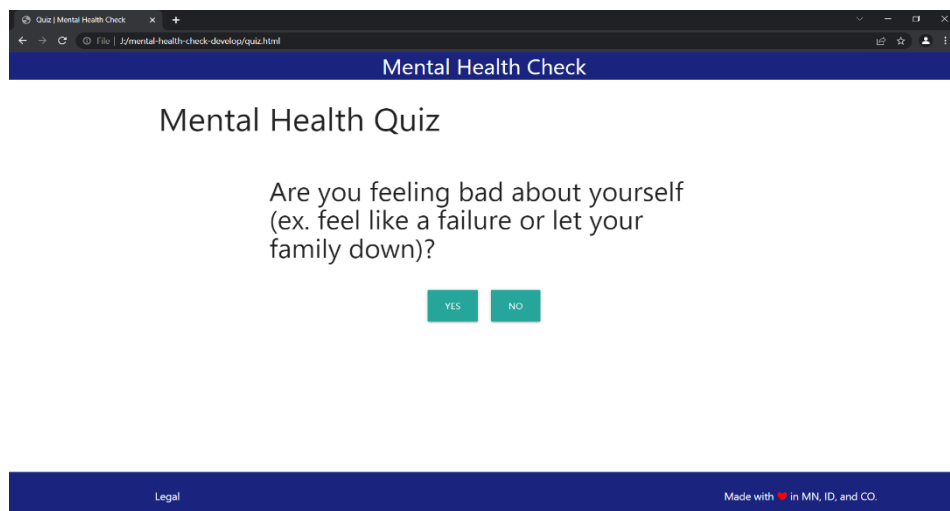


(b)

Fig. 2.. Figs. (a) shows the Front page. (b) is the image of categories what type of feelings you have at the current time (c) &( d) show questions to the user



(c)



(d)

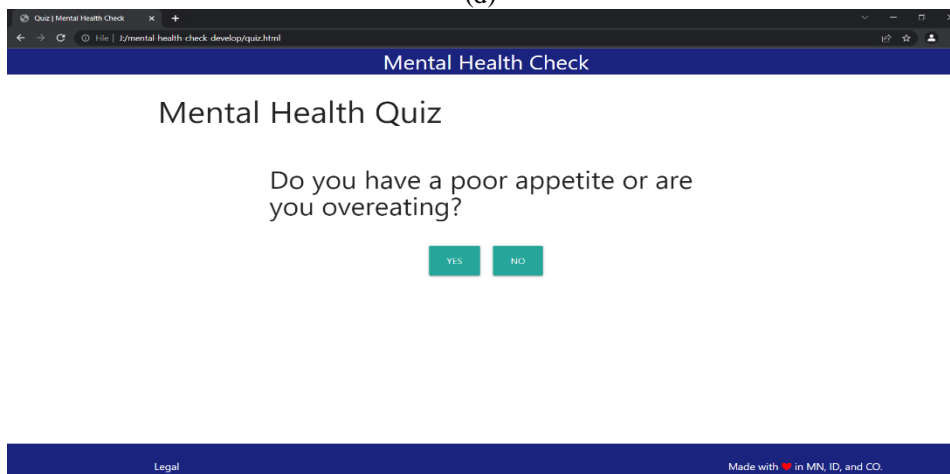
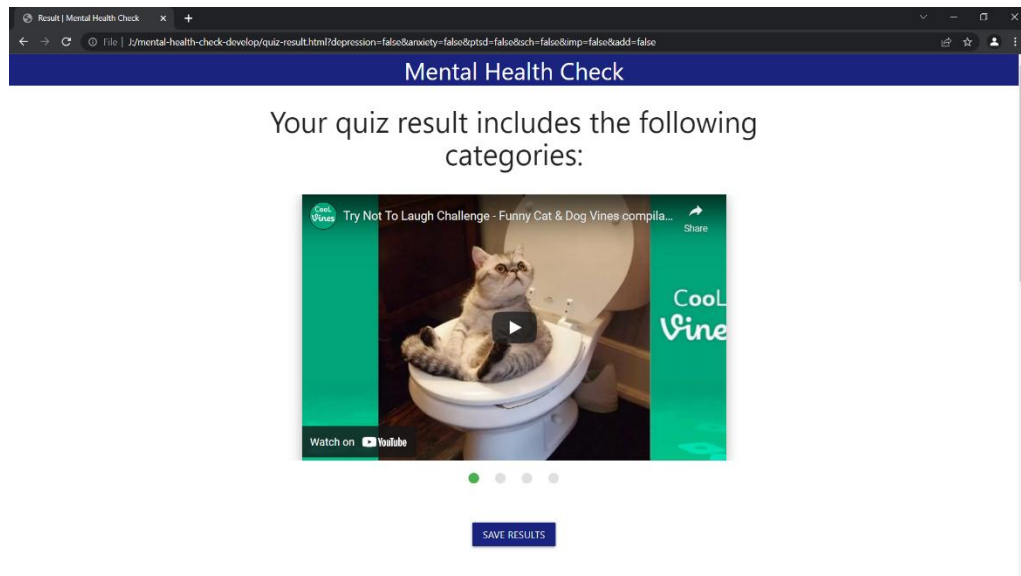
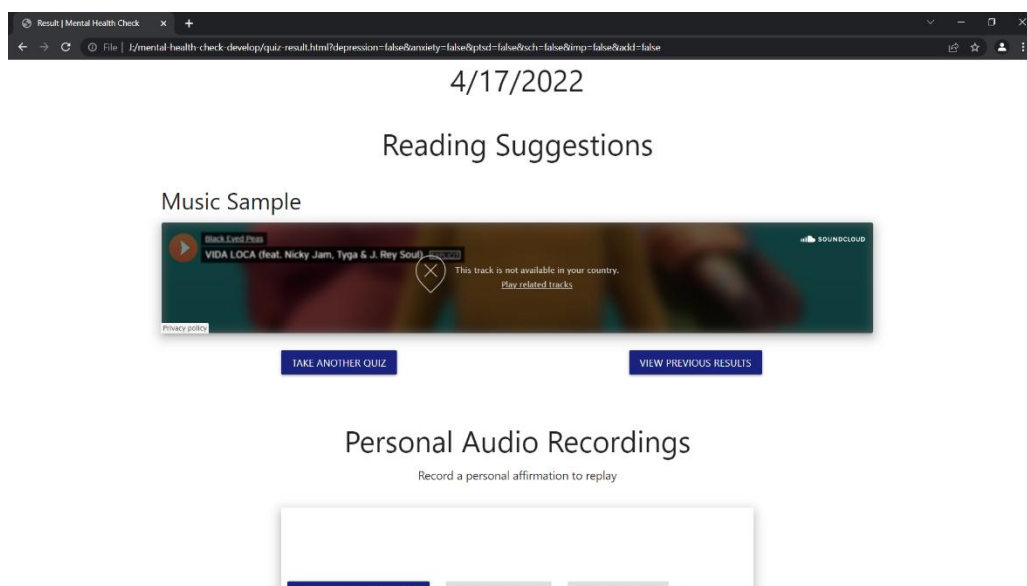


Fig. 3 Text Detection and Inpainting (a) Original image (b) Image after applying first set of criteria (c) Image after applying second set of criteria (d) Image mask (e) Inpainted image using patch size 5 x 5 and search window size 81 x 81



(e)



(f)

Fig.Figs. (a) shows the Front page. (b) is the image of categories what type of feelings you have at the current time (c) & (d) show questions to the user (e)& (f) show the final result and suggestion

## VI. CONCLUSION

These easy to use and interactive mental health apps dealt with specific mental health concerns. Delivering mental health interventions through apps has the potential to improve self-management, cognition, skills training, social support, and symptom tracking.

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