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Specifications

The program will be an indicator of mental state. Using GUI and Swing, the program intends to measure how dire your mental state is (or the opposite) so that they themselves may take precautionary actions once they receive actual help in any form.

Application window will be small and provide multiple choices for the freedom of the end user to choose.

This application is intended for the troubled, so there is a question in the end that will question whether you are being honest in the process of answering your mental queries.

Problem Overview

Consultation upon the state of mind often either requires a physical appearance to a therapist, or an online consultation with an expert. And sometimes, the most emotionally vulnerable people will not have the time to reflect upon their wellbeing without worsening a problem in the middle of their journey.

What I mean from ‘emotionally vulnerable’ are those that we normally call ‘mentally disabled’. Whether they have a diverse mental condition since birth or developed overtime due to mishandling of child growth, or simply a long-lasting depression, they would rather get help immediately on the spot either intentionally or not.

Implementation

A close up of a screen

Description automatically generated

The abstract window toolkit will be required to implement listeners to buttons. And of course, swing as a basis for the GUI.

A picture containing room, holding, hand, table

Description automatically generated

All the private data are classified as Integer since they are exclusive. From the swing itself, the field types in the frame uses RadioButtons for clickability, Buttons for transitions between content as well as Labels for the result in form of stats and questions.

A screenshot of a social media post

Description automatically generated

Prior to this code section is the void main method and a couple of button implementations. Originally in the setter methods called, we made it ++ instead of getter + 1. This is because each line of answers corresponds towards a certain mental disability. And the ‘stat.setText’ is supposed to be the display of what’s your problem. And below are getter and setter methods for every mental statistic.

Screenshot of Working Program

A screenshot of a cell phone

Description automatically generated