
SOFTWARE REQUIREMENTS SPECIFICATION

FOR

MOOD ANALYSER

VERSION 1.0

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INTRODUCTION

Mood Analyser is a app which enables the user to capture their current Mood. Changes in mood that interfere with everyday life may indicate a mood disorder such as depression or bipolar disorder. Mood disorders are treatable medical conditions. With appropriate diagnosis, treatment, and support, most people struggling with mood disorders will get better.

This app will help individual to keep track and analyze their mood so that they can live a healthy life

OPERATING ENVIRONMENT

DESIGN CONSTRAINTS

Platform: Android

Programming Language: JavaScript

Frameworks: Ionic, Angular,

Database: SQLite

IMPLEMENTATION CONSTRAINTS

Operating System : Android Oreo 8.0 and above

RAM: 2GB and higher

Permissions: Internet for loading resource
Storage for downloading reports

SYSTEM FEATURES

CAPTURING DATA

This app allows the user to capture Mood at the click of a button. The easy to understand interface allows the user to easily input the Mood.

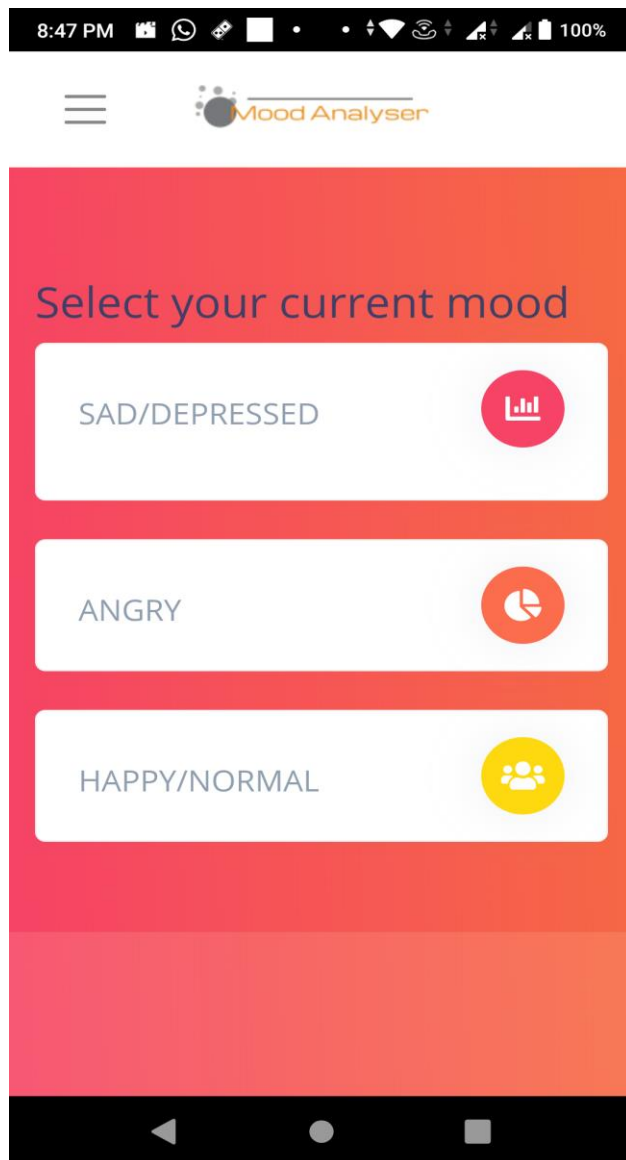
REPORT GENERATION

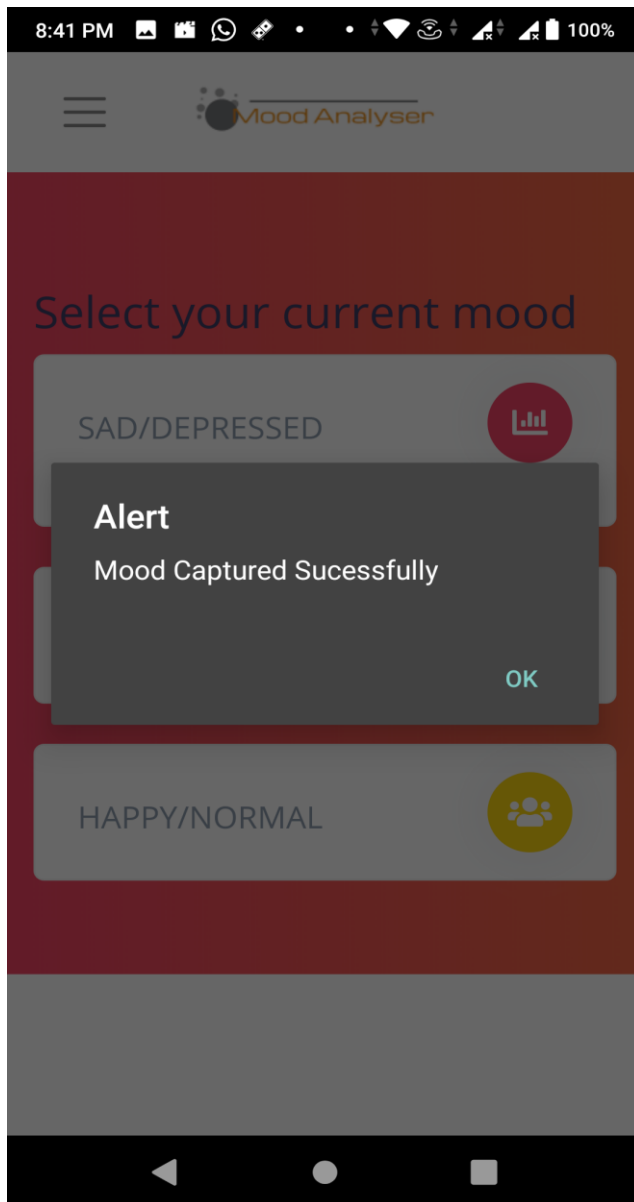
The user can easily download the Mood Report in PDF format. The report contains the detailed Analysis of the Mood.

USER MANUAL

HOMEPAGE

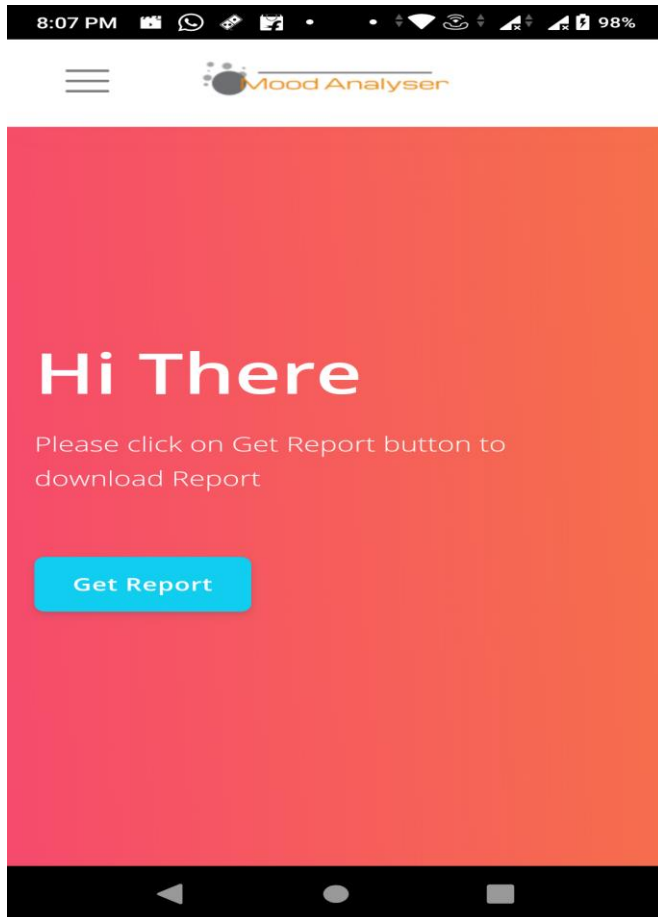
On the launch of the app the user will see the Home Page. The homepage consists of cards with different Moods. The user need to click on his current mood and the Mood will be captured.





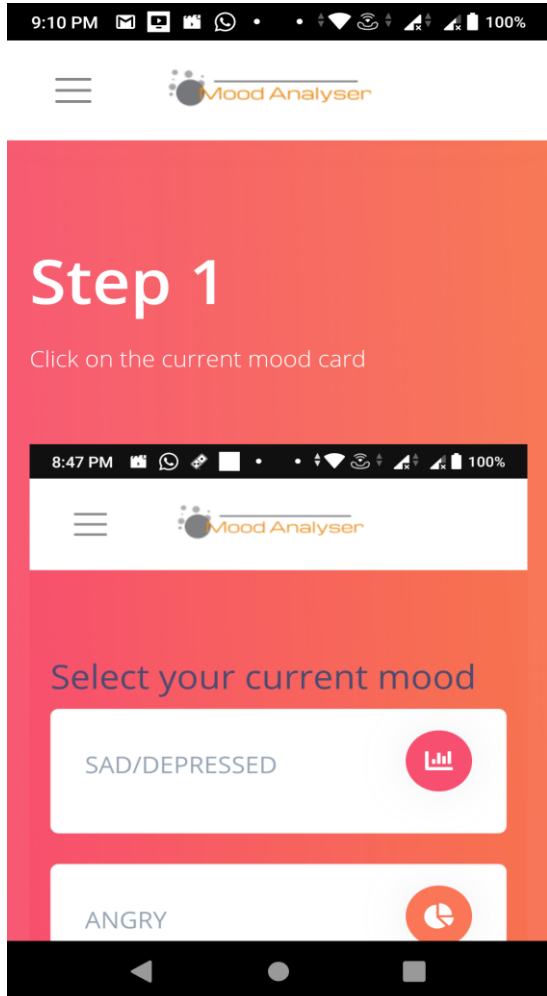
VIEW REPORTS

On clicking on View Reports the user can download his Mood report in PDF format.



INSTRUCTIONS

This page contains in-app instruction manual to use this application



DATA INTEGRITY AND SECURITY

This application uses internet only to load the resources. The data is stored in SQLite database which resides in user local device hence data integrity and security is maintained.

FURTHER SCOPE

The following modules will be implemented in Phase 2 of Mood Analyser

FACIAL RECOGNITION

Another feature for capturing the mood directly using camera instead of manually clicking on the card.

MACHINE LEARNING FOR ANALYSIS

Detailed analysis and recommendations using Machine Learning with the current data as training data.

GRAPHICAL REPRESENTATION OF DATA

A graphical representation of the Mood will be displayed for better understanding Mood trends of user.

INSTALLATION GUIDELINES

Download the MoodAnalyser apk file from the following github Url path provided.

<https://github.com/abhisheksheregar/MoodAnalyser.git>

Click on Mood Analyser.apk and install the file. Allow app from unknown sources.

You may get a error like blocked by play protect. This is because the app is still in development and is not published in playstore. To solve this disable play protect from playstore temporarily to install the app.

The source code of the application is in zip file.