

SYNOPSIS

Project Description:

Depression is a mood disorder that causes a persistent feeling of sadness and loss of interest. It affects how you feel, think and behave and can lead to a variety of emotional and physical problems. Often, an individual with mental health issues is reluctant to consult a counsellor. **Detangle** is a mobile application to overcome mental health problems and detect the depression level in patients by facial and Twitter analysis. Our main goal is to analyse a person's facial features as well as his/her social activities to detect if that person is depressed or normal. It also gives the level of depression.

Plan of work:

The app essentially works on:

- Mental Health Questionnaire
- Image Processing
- Sentiment Analysis
- Feature to allow the user to express their thoughts. The goal of this project is:
 - To reach out to those who are facing depression, but are unable to afford medical treatment or are reluctant to seek medical help.
 - User information must be protected; the users should feel comfortable sharing their problems on the app.

User Interface:

Flutter.

Operating System:

Android OS.

Team Members:

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