

EmotiCare: Suicide Prevention Website

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Introduction

- ▶ Welcome to EmotiCare, a Suicide Prevention Website.
- ▶ We are committed to providing support and resources to those in need.

Why EmotiCare

- ▶ EmotiCare is a response to critical findings in the study conducted by the National Library of Medicine in India, which examined 43 suicide prevention apps.
- ▶ The study revealed alarming gaps in the effectiveness of existing apps, with less than a third providing evidence-based information (32.55%) and only 11.62% being empirically validated.
- ▶ Recognizing the need for improvement, EmotiCare incorporates crucial elements such as initial screening for suicidal risk (to be determined), suicide risk assessment tools, and evidence-based therapeutic strategies.
- ▶ Unlike many apps, EmotiCare not only includes region-specific helpline numbers (81.39%) but also integrates motivational elements (23.25%) to encourage users to seek help.

Source Code

Gitlab repository

Timeline

▶ July

- Gathering information about suicidal tendencies
- Talking with experts
- Learning Frontend

▶ August

- Trying to set realistic deadlines
- Gathering concrete information instead of an overview

▶ September

- Building suicidal intent detection model

▶ October

- Learning Django basics

▶ November

- Development in future scope

Learnings

These are our learnings:-

- ▶ Teamwork while working in different zones
- ▶ Working with different models in ML
- ▶ Development of a website

Tech Stack

The following tech stack was used:

- ▶ HTML/ CSS: Frontend
- ▶ Django
- ▶ Python3
- ▶ JavaScript
- ▶ Jupyter Notebook

Contribution

- ▶ Sanya: Major Front end, research (reading research papers, online resources, videos)
- ▶ Neze: Data collection and processing, Suicidal detection model, Front end
- ▶ Anvaya: Research (connecting to therapists), most content for the website, Front End

ThankYou

Thank you