



Vikara

CS5934: Capstone Project

Awesome team members:

Disha Bhan, Het Veera, Neha Surana, Priyanka Savla, Sahana Basapathi



Introduction

- Mental health awareness is one of the most pressing issues currently faced in the healthcare industry.
- With Vikara, we aim towards fostering positivity and productivity amongst our users by providing them with a one-stop platform for their emotional / mental well-being.



Problem Statement

- Treating and maintaining good mental health conditions is crucial for stabilizing constructive behaviors, emotions, and thoughts.
- Everything related to mental health faces a fair amount of stigma
- Web Application to help people gain awareness about their mental health and coping with their mental problems.



Key features

- Vikara takes a survey which is followed by an optional text response to assess user's mental condition.
- Personalized recommendation to a user based on the mental illness detected such as recreational events, access nearby therapy sessions, listed clinics, and shop products.
- Share experiences via blogs.

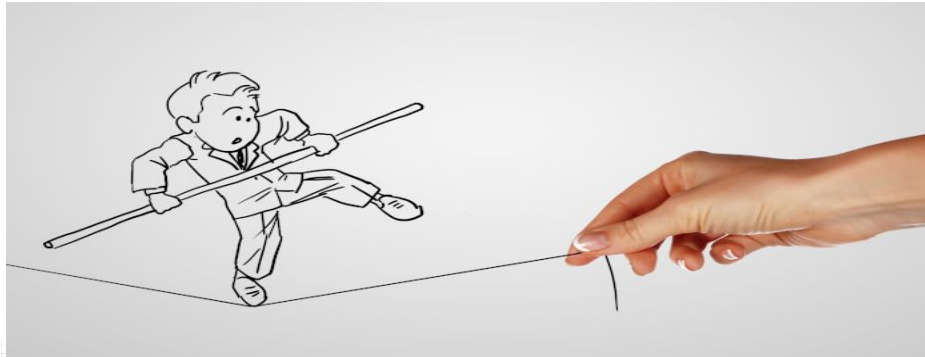


Assumptions

- The web application will be a go-to platform for any possible mental health-related resources.
- Web application incorporates machine learning logic successfully.

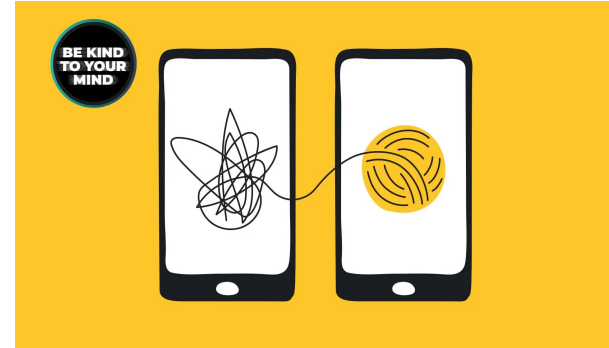
Risks

- Missing code completion deadlines due to various reasons (personal, other commitments etc.) can affect and delay the feature development and introduce backlogs
- Incorrect estimates might impact the reliability and performance of our application.



Current Market

- Targets a specific mental illness (Better Stop Suicide, iBreathe, Quit That!, NOCD)
- Inhouse content which can be customized (MoodKit, MoodFit, Headspace)
- Connects to medical professionals (Betterhelp, Talkspace)



Criticism

- Subscription based
- Lack of portability
- Assumes knowledge of mental illness



Team Skills

- Software Engineering and Development skills
- Machine Learning expertise
- Project Management, documentation

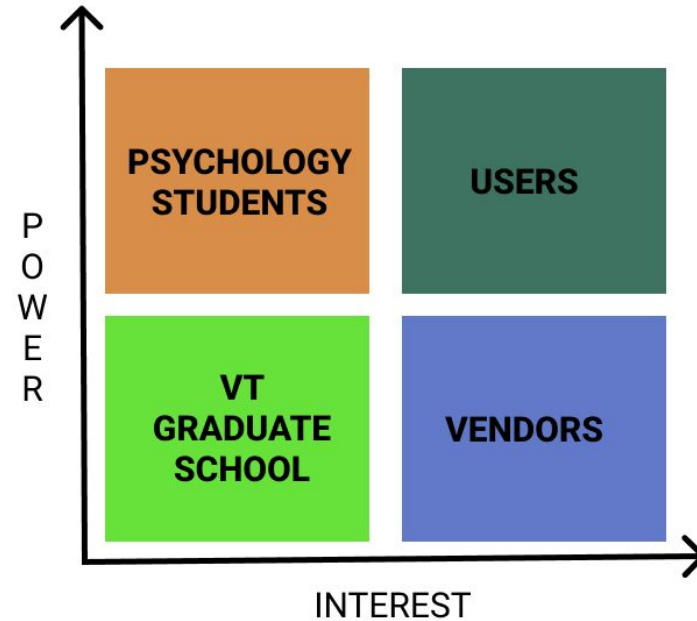
Skills to improve

- Domain knowledge: Cognitive psychology
- Integration of ML components to Web App
- Web hosting on different platforms



Stakeholders

- Stakeholder matrix - Power and interest grid



THANK YOU!

QUESTIONS?

