



HACKATHON: LLM MEETS IMPACTFUL CREATIVITY

# MH Advisor

"NURTURING MINDS, EMPOWERING LIVES: YOUR TRUSTED MENTAL  
HEALTH COMPANION"



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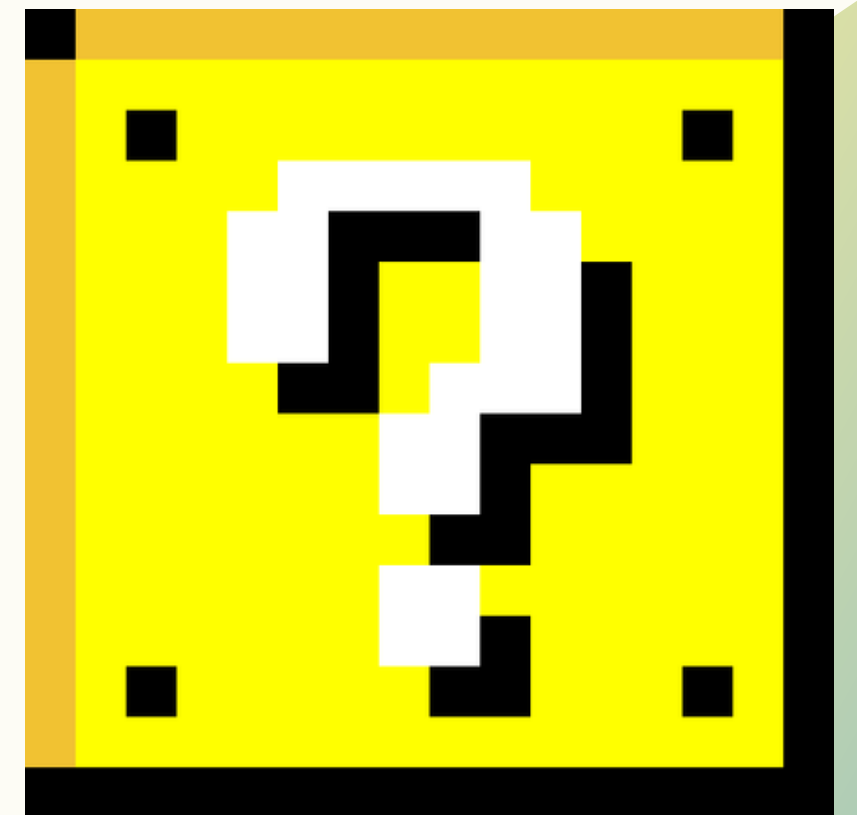
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## REAL-LIFE PROBLEM

**"Google sickness," which is a term used to describe the phenomenon where individuals self-diagnose themselves or others based on information they find online, often via search engines.**

1. Misinterpretation of information
2. False assurance or panic
3. Lack of context
4. Confirmation Bias



# MENTAL HEALTH

Young people are particularly vulnerable to experiencing mental health difficulties, but very few seek treatment or help.

Online help-seeking may offer an additional domain where young people can seek aid for mental health difficulties, yet our current understanding of how young people seek help online is limited.

- 1. Lack of personalization**
- 2. Inaccurate information**
- 3. Self-Diagnosis and Misinterpretation**
- 4. Delay in Seeking Professional Help**
- 5. Amplification of Anxiety**



## STATISTICS

Many of the respondents (80.66%) indicated that they would use their mobile phone to look online for help for a personal or emotional concern.

When asked about their satisfaction with these resources, 36.94% indicated that they were satisfied or very satisfied with an Internet search

Facilitator	Mean (SD)	Not at all, n (%)	A little, n (%)	A lot, n (%)	Quite a lot, n (%)
It's free	3.31 (0.81)	43 (3.29)	160 (12.23)	452 (34.56)	652 (49.85)
Anonymous and confidential	3.26 (0.89)	67 (5.12)	195 (14.91)	378 (28.90)	668 (51.07)
Can take it at own pace	3.16 (0.82)	47 (3.59)	205 (15.67)	547 (41.82)	509 (38.91)
Abundance of information	3.12 (0.80)	38 (2.91)	231 (17.66)	574 (43.88)	465 (35.55)
Others like me	3.10 (0.91)	74 (5.66)	257 (19.65)	437 (33.41)	540 (41.28)
Access any time of day	3.01 (0.88)	63 (4.82)	305 (23.32)	494 (37.77)	446 (34.10)
Unsure if I'm unwell enough	2.75 (1.09)	230 (17.58)	291 (22.25)	367 (28.06)	420 (32.11)
Too unwell to reach local support services	2.20 (1.04)	409 (31.27)	421 (32.19)	281 (21.48)	197 (15.06)
There are no other options available	2.13 (1.04)	447 (34.17)	436 (33.33)	238 (18.20)	187 (14.30)





## PRODUCT INTRO

**Trusted destination for mental health support and guidance.**

**We understand the importance of providing accurate information and a humanistic approach to addressing your mental health needs.**

**Our platform offers a safe space where individuals can ask questions, access reliable resources, and receive personalized support from trusted resources.**

# PRODUCT INTRO

“Little push into the right direction”

- 01 Well informed responses
- 02 Humanistic approach
- 03 Seeking Professional Help
- 04 Recommendations





## MH Advisor

Tell us about yourself - Download the file for us to know you better

Upload the Text file with your responses, please



Drag and drop file here

Limit 200MB per file • TXT

Browse files



Click for Literature recommendations

Click for Series recommendations

Click for Emergency recommendations

Click for Web Sites recommendations





chat\_history.txt 1.3KB

Hi [Name]

It's seems you're having a hard time.....  
Some suggestions are.....

## MH Advisor

Name:

Age:

 - +

Gender:

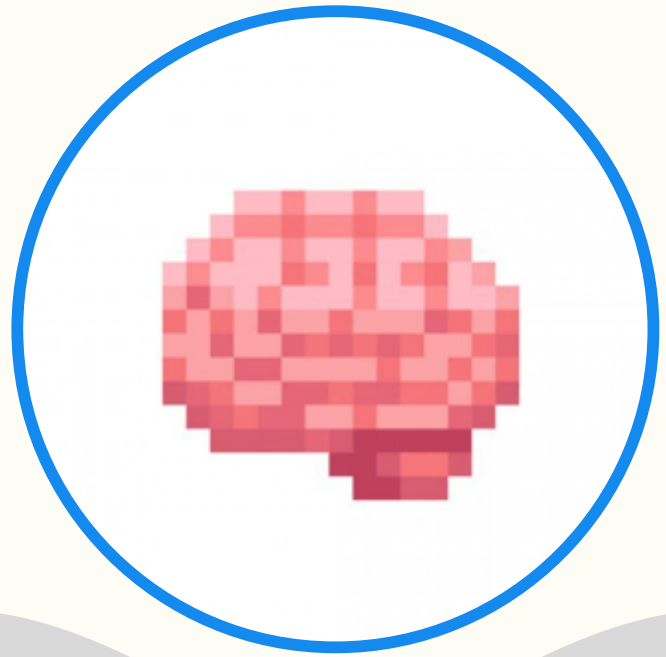
Job/Occupation:

Marital Status:

How are you feeling today? Is there anything specific on your mind?



# DEVELOPMENT



## 1. Defining Idea and Requirements Analysis:

- Brainstorming and Analysis of ideas requirements.
- Analyze requirements to understand scope, objectives, and constraints.



## 2. System Design:

- Create a high-level system architecture based on requirements.
- Design detailed system components.



## 3. Implementation / Coding:

- Write code based on the design specifications.
- Develop software modules and features.



## 4. Testing:

- Test-Driven Development (TDD)
- Perform unit testing to validate individual modules or components.



## 5. Deployment:

- Prepare the software for deployment in the target environment.



## JUSTIFICATION

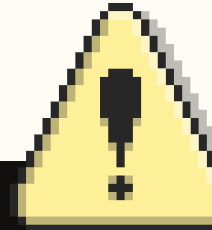
Break the uninformed auto diagnosis  
break the snow ball effect, make people aware,

The snowball effect underscores the importance  
of recognizing and addressing small issues or  
opportunities early on to prevent them from  
escalating into larger problems or successes.



## BENEFITS

1. Empowerment
2. Temporary Supplementary Support
3. Seek Professional Help
4. Extra resources



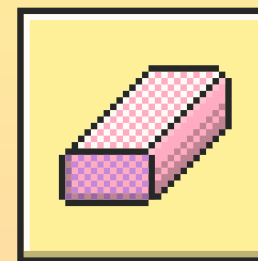
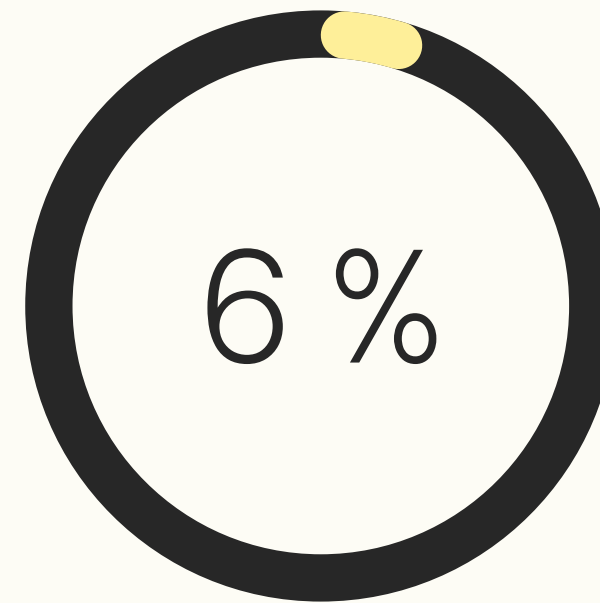
## WARNINGS

1. Not replace real-life therapy
2. Limitations of Online Support
3. No Diagnosis

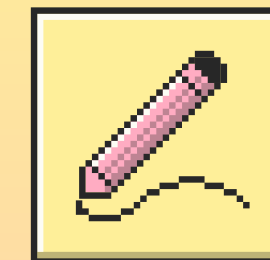
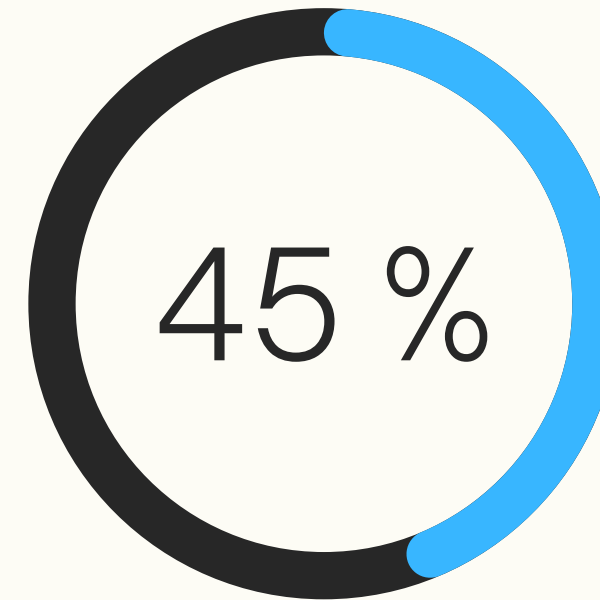


# PHASE SCALABILITY

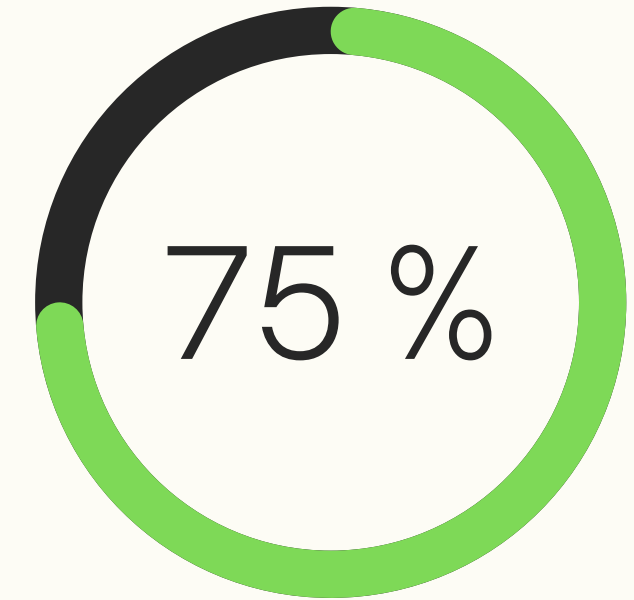
- 01 Friendly interface
- 02 Bot direct interaction
- 03 LLM Training, prompts, resources



01



02



03

## BUDGET



100%

**Development Costs:** \$10,000

**ChatGPT API Usage Fees:** \$550 per month

**Content Creation Costs:** \$1,250

**Platform and Hosting Fees:** \$300 per year

**Legal and Compliance Costs:** \$1,250

**Marketing and Promotion Costs:** \$5,500

**Maintenance and Updates:** \$1,250 per month

**One-time costs:** \$18,300

**Ongoing costs (per month):** \$1,800

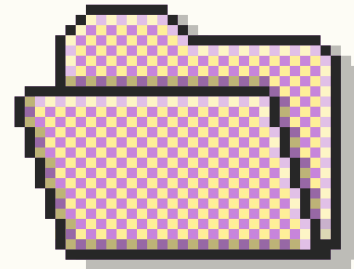
### Monetization Options:

Ads, Merchandise Sales, Partnerships and Collaborations, Data Licensing or Insights research.

# CONCLUSIONS

- 01 **Learning Opportunity:** Participating in the hackathon provided us with a valuable learning opportunity, allowing us to explore and work with the latest technology trends, specifically large language models (LLMs).
- 02 **Team Collaboration:** Our collaboration as two full-stack developers and a Product Manager allowed for a well-rounded team with expertise in both technical implementation and product management aspects.
- 03 **Theme Relevance:** The theme of LLM + Impactful Creativity was relevant and inspiring, encouraging us to think creatively about how LLMs can be leveraged to address real-world challenges, such as mental health advisory services.
- 04 **Impactful Output:** Despite the time constraint, we were able to develop a functional mental health advisor web app, demonstrating our ability to translate ideas into impactful solutions.





## REFERENCES

Young People Seeking Help Online for Mental Health: Cross-Sectional Survey Study

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6732968/>