Ideation Phase
Empathize & Discover

Date	30 October 2023
Team ID	Team-592035
Project Name	**Alzheimer Disease Prediction**
Maximum Marks	4 Marks

Empathy Map Canvas:

We, as a team committed to developing predictive solutions for Alzheimer's disease, recognize the profound significance of understanding the varied perspectives within this landscape. Our collective focus lies in delving into the world of individuals affected by this condition, whether directly or indirectly. We aim to empathetically comprehend the emotions and challenges faced by patients, caregivers, and healthcare professionals. By capturing the nuanced experiences and reactions of those involved, we aspire to construct a comprehensive empathy map that illuminates the diverse aspects of living with or managing Alzheimer's disease.

Through this process, we aim to immerse ourselves in the fears, confusion, and frustrations that patients encounter due to memory loss and cognitive decline. We understand the weight of responsibility and stress felt by caregivers, who navigate the emotional journey of caring for their loved ones. Additionally, we acknowledge the challenges faced by healthcare professionals, including the struggle to provide accurate diagnoses, the need for greater empathy in patient care, and the limitations posed by existing predictive tools. As a team, by encapsulating these multifaceted emotions, thoughts, and hurdles, we endeavor to craft predictive solutions that genuinely resonate with the intricate needs and experiences of everyone involved in the Alzheimer's disease landscape. Our goal is to create solutions that address the genuine needs and enhance the quality of life for those impacted by this condition.

Referral Link –

https://www.canva.com/design/DAFyAGci3xE/iDkMw-bDfI1Fvoa6BkJ_NQ/edit

ALZHEIMER'S DISEASE PREDICTION

EMPATHY MAP

① Who are we empathizing with?

- The person of interest is someone at risk of Alzheimer's disease or part of a research study. Their situation revolves around Alzheimer's risk factors and early symptoms. Their role varies, from patients seeking diagnosis to research subjects contributing data. Understanding them aids in predicting and addressing Alzheimer's.

▶ **GOAL** ◀

② What do they need to do?

- The ultimate measure of success in this endeavor lies in the deep learning model's ability to consistently and reliably predict Alzheimer's risk

⑦ What do they think and feel?

Pains
- Data Quality Issues.
- Inaccurate Predictions.
- Resource Limitations.
- Complexity of Alzheimer's

Gains
- Data-Driven Insights.
- Accurate Predictions.
- Data privacy.
- Innovative Solutions.
- Data security.

③ What do they see?

- Data Patterns.
- Neuroimaging Results.
- Innovative Technology for predicting Alzheimer's.

⑥ What do they hear?

- Research Findings
- Patient Experiences
- Ethical Concerns related to data privacy
- Data Feedback
- Collaborative Discussions

④ What do they say?

- Ethical concerns surrounding patient privacy and data use are integral to its approach.

- Using deep learning for Alzheimer's prediction conveys a commitment to advanced technology and precision.

- It emphasizes early detection and intervention as its primary mission.

⑤ What do they do?

- Develop Deep Learning Models
- Data Analysis
- Stay Updated
- Flask app application
- Innovate