



# ReKindle

ReKindling lost memories — one connection at a time.

By Team: Gotta patch 'em all

Team Members : Samriddhi Singh and Sril Shukla

# Problem Statement

Dementia, Alzheimer's, ADHD, and Dyslexia are conditions that impact millions of people around the world. These neurological disorders can lead to significant challenges, from memory loss and cognitive impairment to difficulties with focus and learning.

The effects of these conditions can be isolating and distressing, not only for those directly affected, but also for their loved ones and caregivers. Individuals living with these challenges often struggle to maintain their independence and engage fully in daily life, which can take a toll on their mental and emotional well-being.

Addressing the needs of this population is a critical and urgent problem that requires innovative solutions. By providing targeted support and resources, we can help empower those affected by these conditions, fostering a sense of community, connection, and hope.

## Patient Struggles

- Fading memories
- Confusion, isolation
- Identity loss
- Emotional distress

## Family Challenges

- Helplessness
- Emotional fatigue
- No personalized tools
- Lack of support



# Our Solution – ReKindle

An empathy-first platform for cognitive health.



## Personalized Games

Reconnects patients with memories.



## Family Content

Uses real-life photos, stories, audio.



## Community Spaces

Private, safe for families/caregivers.





# ReKindle's Memory-based Games

Games built from user's real memories, guardian has the option to input images and memories of the patient's loved ones.

1

## Match the Role & Face

Photos with names, relationships.

2

## Complete the Family Tree

Drag-and-drop family members.

3

## Fill-in-the-Life Blanks

Patient's life stories with missing details.

4

## Memory Timeline

Arrange key life events chronologically.

# ReKindle's Community feature

ReKindle's support network fosters connection.

## Safe Spaces

- Dementia/Alzheimer's Patients
- Families & Caregivers
- Blended Forum for shared activities

## User Activities

- Share advice, emotional support
- Ask real-time questions
- Make real connections

## Tech Support

- Private, secure chats.
- Moderation controls.
- Instant notifications.







# Tech Stack

Built for speed, safety, and empathy.

UI designing will be done using Figma, for second round.

Frontend	React.js, Tailwind CSS
Backend	Node.js + Express.js
Database	MongoDB
Storage	Cloudinary / Firebase
Authentication	JWT + OAuth
Game Engine	Phaser.js + Custom React
Community Chat	Firebase Realtime DB
AI Modules	Python Flask APIs