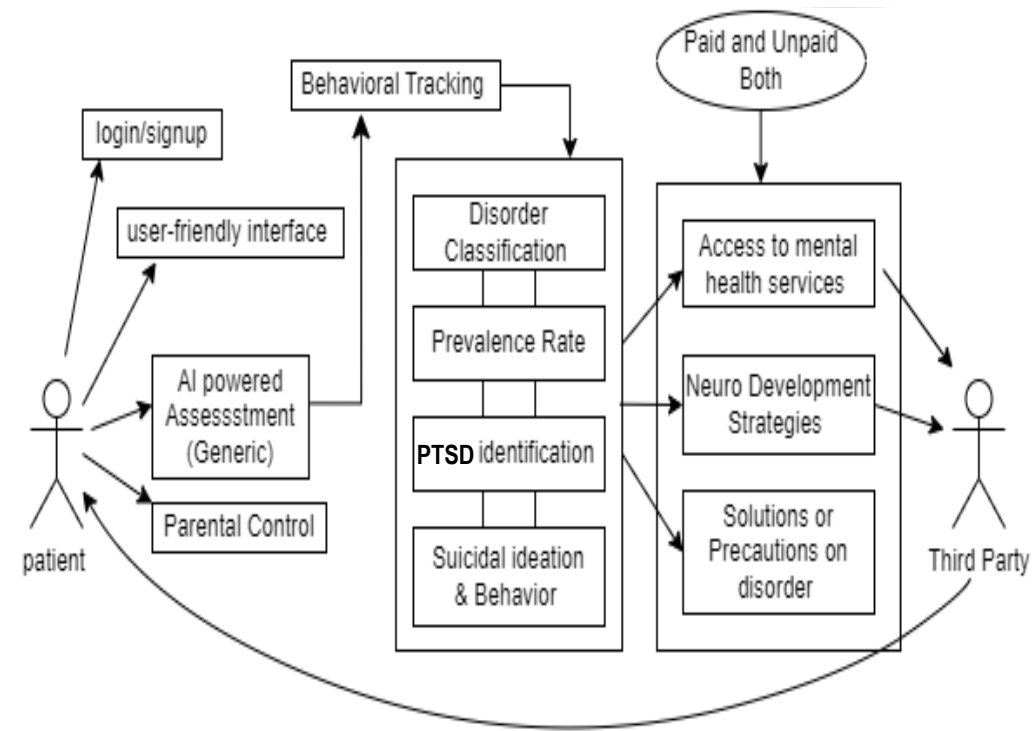# Idea/Approach Details

Creating **Android** or **Web App** for kids to access mental health services from home, addressing challenges.

Identifying the **mental health** of an individual through an generic assessment using Artificial Intelligence(**AI**) and tracking the real-time **well-being surveillance** of an individual.

➢ Based on the First Generic Assessment results, another **AI-powered** assessment will perform the **Behavioural Tracking.**

➢ Real-time behavioural tracking will include disorder classification, Prevalence rates, Post-Trauma Stress Disorder (PTSD) Identification and Suicidal Ideation and Behaviour. This will specify the **extent of mental illness** and urgency to seek medication.

➢ Resting on the generated **case-study**, an individual will be benefited with the access to the mental health services, Neurodevelopment Strategies and suggestions on corresponding disorder.

➢ Also paid and unpaid Third-Party **counselling sessions** will be provided within the application.

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Idea/Approach Details

Describe your Use Cases here

- Any individual concerned about their mental health can use this application, complete **assessment questionnaire** and receive instant feedback and mental health status.

- Healthcare professionals can use the app during patient visits for initial screening. Identify potential **mental health issues** and provide immediate support or referrals.

- Schools and workplaces can promote mental well-being among students and employees. Encourage users to regularly assess their mental health.

- This solution aims to make mental health assessment and support easily **accessible**, **confidential**, and **personalized**, benefiting individuals, healthcare workers, and institutions alike.

Describe your Dependencies / Show stopper here

- A platform for mental health surveillance based on **Machine Learning** models for identifying mental health patterns.

- Providing **data security** and **confidentiality** for the users data and health conditions.

- Integration with **AI/ML models** through **API's** for better user experience and application performance.

- A multilingual android and web-based application with **Multi-Language Policy.**

- Once a user takes the assessment, an **AI-powered** 24/7 hotline **chatbot** is available to assists the user for well-being surveillance.

- An **AI-Model** which uses the set of previous case-study and conclusions of case-study to enhance it's **own learning** in the **recursive** manner. Thus, initiating towards **self-trained** Mental Health and well-being surveillance platform.

For the purpose, we have collected some Psychological counselling parameters suggested by doctors.

- **Click here to view the document**

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