**JOYJAR: A Mental Health Chatbot**

**Abstract:**

In the fast-paced and often stressful world we live in today, mental health has become an increasingly important topic that deserves attention and proactive care. The rise of digital platforms has led to the development of innovative tools to support mental well-being. This project focuses on the creation of an AI-powered Mental Health Chatbot designed to provide accessible, empathetic, and immediate mental health support. Using natural language processing and machine learning, the chatbot is capable of conversing with users, offering emotional support, providing stress management tips, and directing users to professional resources when needed. This AI tool aims to bridge the gap between traditional mental health services and the need for immediate assistance, offering a safe and anonymous space for individuals to discuss their concerns. Additionally, the accompanying website serves as a resource hub, offering educational content on mental health awareness, including articles, coping strategies, and self-care techniques. Together, the AI-powered chatbot and website aim to reduce the stigma surrounding mental health and promote proactive self-care in an increasingly digital world.

**Users**

1. **General Users**: Individuals seeking emotional support and mental health resources.
2. **Teenagers**: Young users facing academic pressure or self-esteem issues.
3. **Working Professionals**: People dealing with workplace stress or burnout.
4. **Parents/Caregivers**: Adults managing their mental health while supporting others.
5. **Students**: High school and college students handling academic and social challenges.

**Features:**

1. **AI Chatbot**: Real-time emotional support and personalized recommendations.
2. **Mood Tracker**: Log emotions and visualize trends.
3. **Mindfulness Exercises**: Guided breathing, meditation, and affirmations.
4. **Resource Hub**: Articles, videos, and self-help tools.
5. **User Profiles**: Save preferences, mood logs, and favourite resources.