

Online Platform for Safety and Mental Well-Being for Children and Women

Dhanasree M, Geethapriya K, Saranya J

Department of Electronics and Communication Engineering,
Vivekanandha College of Engineering for Women, Namakkal

Abstract: *The rapid progress of our digital world demands enhanced protection of women's safety combined with children's mental health because it has become increasingly vital. The platform delivers an integrated solution through which users receive emotional backing along with legal services alongside mental wellness tools for managing challenging circumstances. Artificial Intelligence (AI) together with Machine Learning (ML) and Deep Learning (DL) allows to create an interactive secure platform for users. The primary component of the platform consists of a smart chatbot that includes Natural Language Processing (NLP) abilities. The system analyzes user emotions while processing their sentiment to identify signs of distress which triggers prompt supportive measures. This platform provides game-like features that stimulate users to perform mental wellness activities on a regular basis thus integrating wellness into their daily routines. Users can access professional legal guidance through the platform that leads them to understand their rights alongside proper steps to take during specific situations. This platform provides empowerment through education so people become capable at safeguarding themselves through informed choices. Platform users can find professional legal help on the system to learn about their rights as well as appropriate responses for various circumstances. It delivers empowerment by delivering information that creates the capability for individuals to defend themselves by making well-informed decisions.*

Keywords: Women's safety ,Children's mental health, Emotional support, Legal services, Artificial Intelligence(AI), Machine Learning(ML), Deep Learning(DL),Smart chatbot, Natural Language Processing(NLP) , Game- like features, Professional legal guidance

