ABSTRACT

Stress plays an integral role in influencing one's decision-making capability, attention span, learning, and problem-solving capacity. Stress detection and modeling have been active areas of research in the fields of psychology and computer science in recent times. Psychologists quantify stress using affective states, which is the experience of feeling the underlying emotional state. Most of the work in classifying human stress was achieved using user-dependent models, incapable of generalizing to a new user. This causes new user to spend a significant amount of their time in training the model to predict their affective states. There is an urgent need to treat basic mental health problems that prevail among children which may lead to complicated problems, if not treated at an early stage. Machine learning Techniques are currently well suited for analyzing medical data and diagnosing the problem. The attributes have been reduced by analysing Features over the full attribute data set. The accuracy over the selected attribute set on various machine learning algorithms have been compared.

Keywords:- Product authentication- QR codes- Blockchain technology- Counterfeit products- Supply chain- RFID technology- Decentralized ledger- Consumer confidence- Anti-counterfeiting measures- Transparency