Project Proposal

Project Title – Facial Emotion recognition project Using Neural Network

Team Members:

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3. Anudeep Indla -11509912

Area of Specialization:

Machine Learning Deep Learning, Artificial Intelligence, Python

Project Workflow:

The Project will be completed in several phases. Everyone on the team will be given work for each phase, based on the tasks that need to be finished within that particular week. At our weekly meeting every Saturday night, we go over it and evaluate the results of the work. Every person is instructed to demonstrate progress in their job at each stage, assuming that their co-workers are resolving any issues with the assigned assignment.

Motivation:

This project will let us work on some advanced Neural Network techniques

Objective:

The main objective of the project is to Detect the Facial Expression. In this application, we use Facial Emotion Recognition (FER) which examines facial expressions in both still photos and moving pictures to determine a person's emotional state.

Features:

The data set which features different facial expression which are:

Angry, Disgust, Fear, happy, neutral, sad, surprise

References:

https://www.kaggle.com/datasets/jonathanoheix/face-expression-recognition-dataset

Repository:

https://github.com/SuPeRiBOT/project\_sdai