**IMPLEMENTATION:**

**MODULES:**

* User
* Admin
* Data Preprocessing
* Machine Learning

**MODULES DESCRIPTION:**

**User:**

The User can register the first. While registering he required a valid user email and mobile for further communications. Once the user register then admin can activate the user. Once admin activated the user then user can login into our system. User can upload the dataset based on our dataset column matched. For algorithm execution data must be in float format. Here we took numpy,matplotlip and sklearn analyse the dataset of images and done. User can also add the new data for existing dataset based on our Django application.

Prediction in the web page so that user can write the review after predict the review

That will display results depends upon review like postive,negative or neutral

**Admin:**

Admin can login with his login details. Admin can activate the registered users. Once he activate then only the user can login into our system. Admin can view the overall data in the browser. All algorithms execution complete then admin can see the overall results in web page.

**Data Preprocessing:**

A dataset can be viewed as a collection of data objects, which are often also called as a records, points, vectors, patterns, events, cases, samples, observations, or entities. Data objects are described by a number of features that capture the basic characteristics of an object, such as the mass of a physical object or the time at which an event occurred, etc. Features are often called as variables, characteristics, fields, attributes, or dimensions. The data preprocessing in this forecast uses techniques like removal of noise in the data, the expulsion of missing information, modifying default values if relevant and grouping of attributes for prediction at various levels.

**Machine learning**:

Based on the split criterion, the cleansed data is split into 60% training and 40% test, then the dataset is subjected to machine learning classifiers such as ( Support Vector Machine (SVM) for handling all the proper implementations that are going to do this in our project.al and deep learning solutions supported the most recent analysis in image process and victimization frame work like bring image download numpy and sklearn