**IMPLEMENTATION:**

**MODULES:**

* **User**
* **Admin**
* **Classification Accuracy**
* **Neural Network Accuracy**

**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 customer. Once admin activated the customer then user can login into our system. User can view the dataset which is provided by admin. After that user can check the classification reports. While classification report the graphs will be generated by male and female. The accuracy comparison report graph will be displayed. Then user can click the neural results. In the neural result ann and backpropagation algorithm accuracy will be displayed.

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**Admin:**

Admin can login with his credentials. Once he login he can activate the users. The activated user only login in our applications. The dataset collected from kaggle repository and that repository will be configured in the media folder. For the classification 80% data will be consider as training data and 20% of data for testing purpose. Admin can view the results in his screens.

**Classification Accuracy:**

It easy word, supervised learning is types of learning method with the help of supervisor, teacher or instructor. It consists of training set of pattern associated with label data and makes it easy for algorithm from input to output and also easy to learn and predict. Some of supervised learning are classification such as KNN, SVM, Naïve Bayes and Decision tree. Developed prediction based on both input and output data. The accuracy comparison graph and values will be displayed on the user screens.

**Neural Network Accuracy:**

Neural networks form the base of deep learning, which is a subfield of machine learning, where the structure of the human brain inspires the algorithms. Neural networks take input data, train themselves to recognize patterns found in the data, and then predict the output for a new set of similar data. Therefore, a neural network can be thought of as the functional unit of deep learning, which mimics the behavior of the human brain to solve complex data-driven problems. Unsupervised learning is also known as clustering. In unsupervised learning there is no training data set, no label and unknown output data. This type of learning method is like self-guide learning method. Some of the supervised learning methods are clustering such as K-Means clustering, Back propagation and ANN