



AN EFFECTIVE STRATEGY BASED FACIAL EXTRACTION USING THE FEATURE CLASSIFICATION

S. M. Shinde¹, Dr. Mahaboob Basha², Md. Anwar Ali³

**¹M.Tech Student, Dept of CSE, Al-Habeeb College of Engineering and Technology,
Chevella (M), R.R Dist, A.P, India**

**²Professor, Dept of CSE, Al-Habeeb College of Engineering and Technology,
Chevella (M), R.R Dist, A.P, India**

**³Associate Professor, Dept of CSE, Al-Habeeb College of Engineering and Technology,
Chevella (M), R.R Dist, A.P, India**

ABSTRACT:

Here with rapid advancement in technology base aspect there is an efficient procedure for the accurate classification of the data takes place in a well efficient manner respectively. Here the technique is designed where the accurate classification of the data and extraction of the features takes place in a quite oriented fashion respectively. Therefore here a technique is implemented based on the advance oriented scenario which is related to the video processing based strategy respectively. Here the video processing based strategy is the extension of the image processing orientation based approach respectively. Here the main difference between the image and a video is image is of the single frame whereas the video is the group of the frames with the variation in their motion respectively. Therefore here we consider the video and the extended form of the image in a well oriented fashion respectively. Here in the image processing based perspective it is very easy to extract the features based on the required features respectively. Therefore it is somewhat complicated in a particular related aspect respectively. Here there is a process of the data with respect to the multiple frames of the orientation plays major role in the system based perspective respectively. Here initially video is take into the database followed by the frame separation based strategy in a well efficient manner then after the segmentation based strategy here the main intention of the present technique is to effectively detect the face region continuously by the help of the segmentation based strategy in a well efficient based strategy followed by the text based analysis of the particular name based aspect in a well oriented fashion respectively.

Here for the purpose of the segmentation based strategy we are going to use the edge detection method for the accurate detection of the features related to the face oriented features in a well respective fashion and followed by the median filtering approach for the effective analysis of the system maintained. Experiments have been conducted on the present method and an analysis is made where the effective performance of the system is evaluated in a well respective fashion respectively.

Keywords: Face detection, Feature extraction, Segmentation, Video processing, Frame separation, Data classification respectively.

1. INTRODUCTION

There is a huge advancement in the system. Here the data based on the content on the digital based strategy is termed as the proliferation of the data relative aspect respectively [2]. With the organization following by the understanding in the content of the vide based analysis that is particular most of the techniques which is effective and efficient in terms of the strategy respectively [3][4]. This is one of the major aspect related to the implementation of the video based strategy respectively [1]. Here the main aim of the present technique is to effectively retrieve the data followed by the effective analysis in the form of the tagging based strategy respectively [5][6]. Therefore here in the present techniques it is used for the effective classification of the data related to the field of the video based aspect respectively. Therefore here for the particular oriented strategy there is an

accurate detection of the method which is effective used for the accurate classification of the data in a well oriented fashion respectively[8]. Here there is a particular strategy with the advancement in the system takes place by the help of the processing based on the video in a respective fashion [7]. Here initially the video is taken in to the database followed by the frame separation method which is mainly used for the extraction of the features based on the facial recognition oriented strategy respectively. Then after the edge detection technique is applied n a well effective manner respectively [10]. Here we are going to apply the edge detection based on the sable edge detector based algorithm used for the accurate partitioning of the data in the form of the segmentation of the strategy respectively.

BLOCK DIAGRAM

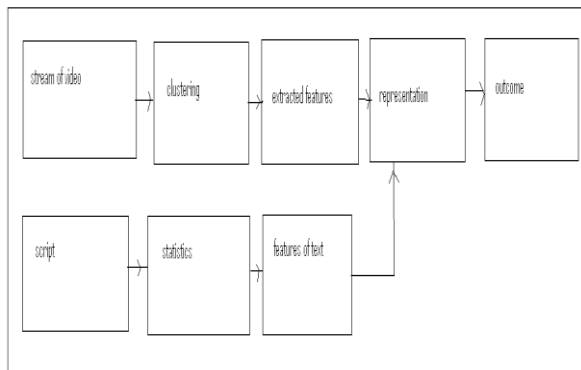


Fig 1: Shows the block diagram of the present technique respectively

2. METHODOLOGY

In this paper a designed technique with an effective architecture oriented strategy where it is mainly used for the implementation of the system oriented aspect respectively[9]. Here the proposed method is implemented in order to overcome the drawback of the several previous methods in a well efficient fashion respectively. Here the present designed technique is implemented in order to overcome the problem related to the degradation of the performance based strategy followed by the entire system outcome in a well respective fashion. Here we finally conclude that the present method is effective and efficient in terms of the performance based strategy followed by the analysis respectively.

There is a huge challenge for the present method where it is supposed to implement the system here an analysis is made between the problems related to the several previous methods and also to control the performance degradation based strategy in a well efficient manner respectively. Here the present designed technique is shown in the below figure in the form of the block diagram based approach and is explained in an elaborative fashion respectively.

3. EXPECTED RESULTS

A lot of analysis has been made between the present method to that of the several previous methods in a well effective fashion and it is implemented on the large number of the data sets in a well oriented fashion respectively. A comparative analysis is made between the present method to that of the several previous methods and it is shown in the below figure in the form of the graphical representation respectively. Here the present designed method completely overcome the drawback of the several previous methods in an efficient manner where in order to improve the performance based strategy followed by the accurate outcome of the system based approach respectively.

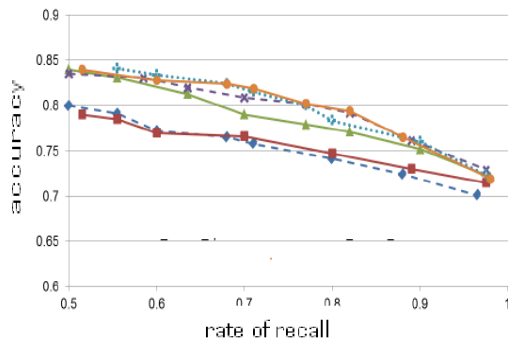


Fig 2: Shows the graphical representation of the present technique respectively

4. CONCLUSION

Here in the present design oriented strategy there is an effective framework oriented strategy where it is implemented rather for the development in the performance with respect to the entire system outcome respectively. Here the present designed technique is very much effective in terms of the performance based strategy followed by the accurate outcome of the system in a respective fashion. Here the system is based on the aspect of the clustering oriented phenomena where the accurate classification of the data takes place in a quite effective manner followed by the identification based strategy where there is an accurate extracted feature of the face in a well oriented fashion from the help of the video based strategy respectively. Here

based on the analysis of the sensitivity based strategy here the proposed technique is well effective in terms of the implementation based analysis followed by the cope up nature with the noise oriented strategy in a well efficient manner respectively. Here apart from the above strategy there is an accuracy maintenance takes place in the system based approach in related to the recognition of the text oriented features by the help of the character recognition is a primary aspect of the system respectively. Here there should be an accurate matching in the system takes place in a well effective manner respectively. Here we finally conclude that the present system is effective in terms of the performance based strategy respectively.

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Fig. 14. The precision@recall=0.8 v.s. simulated noise level. (a) intensity noise (b) coverage noise

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