Figure 6: ranking result, Face triangle and final prediction

4. Conclusion

In this paper a method for content based face image retrieval and age group estimation is thoroughly described. The proposed system also result the gender ,rice and age group along with ranking result. Sparse code word is used for content based face image retrieval system and it is one of the most efficient method. Gender recognition is done by WLD descriptor and it is the simple technique and gives better recognition accuracy than complicated system. Age group estimation is done by face angle calculation. As face changes with age, it is very difficult to update periodically the databases where face recognition is very important. So the proposed technique provides a robust method that verifies the identity of individuals from a pair of age separated face. This paper works with 80% accuracy and some time generate erroneous outputs. But the method shows some difficulties in detecting the facial components if face image is not frontal image. So, there seems to be a definite possibility for further extension of the work.

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