



Digital Image Processing Project Proposal

Team Members

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Paper to implement

[Comparing Face Recognition using Eigenfaces vs. Fisherfaces](#)

Datasets on which to try algorithm

[Extended Cropped Yale Face Dataset B](#)
[University of Cambridge Face Dataset](#)

Evaluation Strategy

For each database, We will use some images of each person for training and the rest of the images in testing phase. And then will compare error rates for both eigenfaces & fisherfaces. Also, for Yale database we will compare how does algorithm behave in different lighting conditions.

