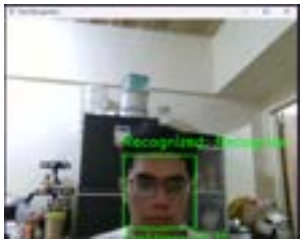
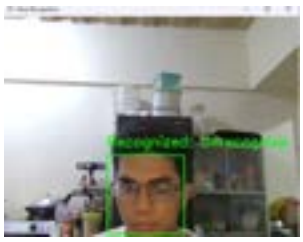
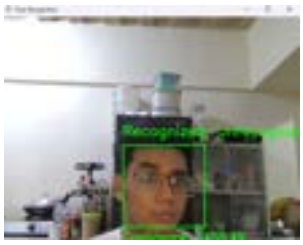
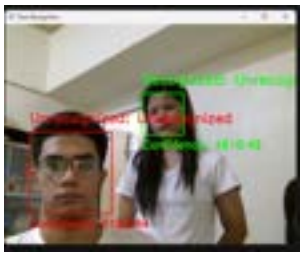
The testing involves using my laptop camera in my living room. This test is being undertaken at night so there might be a variable regarding brightness and contrast.

Eigen Faces Recognizer Model

Trial No.	Image	Expected Output	Actual Output	Remarks
1		Unrecognized	Unrecognized	Match
2		Unrecognized	Unrecognized	Match
3		Unrecognized (Right) Recognized (Left)	Unrecognized both	Mismatch
4		Unrecognized	Recognized	Mismatch
5		Recognized	Recognized	Match

6		Recognized	Recognized	Match
7		Unrecognized (Right) Recognized (Left)	Unrecognized (Right) No output	Mismatch
8		Recognized	Recognized	Match
9		Recognized	Recognized	Match
10		Unrecognized (Right) Recognized (Left)	Unrecognized both	Mismatch
11		Recognized	Recognized	Match

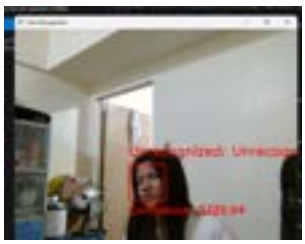
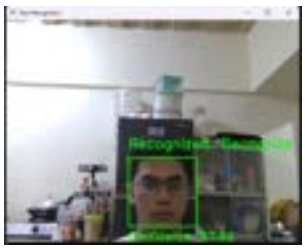
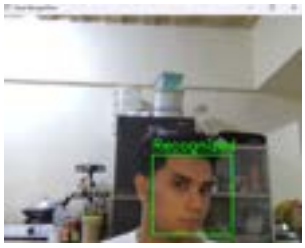
12		Recognized	Recognized	Match
13		Recognized	Recognized	Match
14		Unrecognized (Right) Recognized (Left)	Unrecognized (Right) No output	Mismatch
15		Recognized	Recognized	Match
16		Unrecognized (Right) Recognized (Left)	Unrecognized both	Mismatch
17		Recognized	Recognized	Match

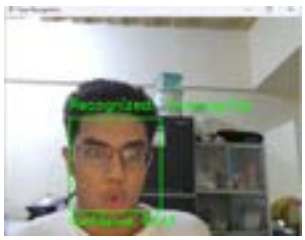
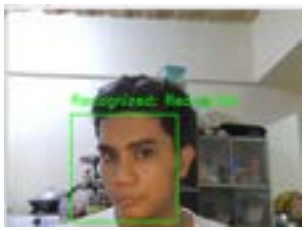
18		Unrecognized (Right) Recognized (Left)	Recognized (Right) Unrecognized (Left)	Mismatch
19		Unrecognized (Right) Recognized (Left)	Recognized (Right) Unrecognized (Left)	Mismatch
20		Unrecognized (Right) Recognized (Left)	Unrecognized both	Mismatch
			TOTAL	11/20, 0.55

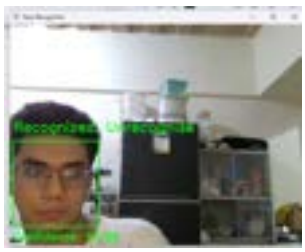
Eigen Faces Recognizer Model struggles in detecting my facial features and oftentimes misclassified if I am supposed to be the recognized person or not, not only that there are also scenarios wherein it failed to classify my face as well.

Fisher Faces Recognition Model

Trial No.	Image	Expected Output	Actual Output	Remarks
1		Recognized (Left) Unrecognized (Right)	Recognized (Left) Unrecognized (Right)	Match
2		Recognized (Left) Unrecognized (Right)	Recognized (Left) Unrecognized (Right)	Match
3		Unrecognized (Right) Recognized (Left)	Unrecognized both	Mismatch
4		Recognized (Left) Unrecognized (Right)	Recognized (Left) Unrecognized (Right)	Match
5		Unrecognized	Unrecognized	Match

6		Unrecognized	Unrecognized	Match
7		Unrecognized (Right) Recognized (Left)	Unrecognized both	Mismatch
8		Unrecognized (Right) Recognized (Left)	Unrecognized both	Mismatch
9		Recognized	Recognized	Match
10		Recognized	Recognized	Match
11		Recognized	Recognized	Match

12		Recognized	Recognized	Match
13		Recognized	Recognized	Match
14		Recognized	Recognized	Match
15		Recognized	Recognized	Match
16		Recognized	Recognized	Match
17		Recognized	Recognized	Match

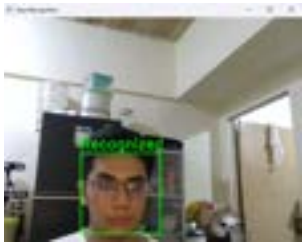
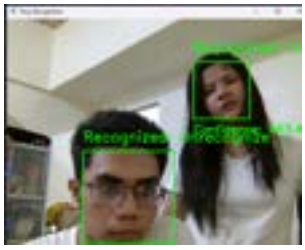
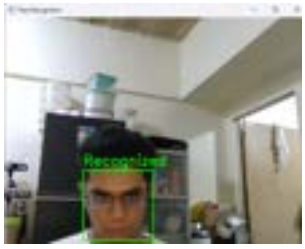
18		Recognized	Recognized	Match
19		Recognized	Recognized	Match
20		Recognized	Recognized	Match
			TOTAL	17/20, 0.85

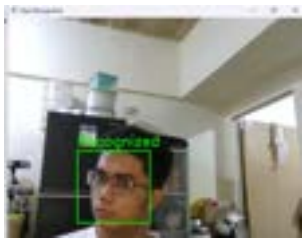
Fisher Faces Recognition Model is a lot better in recognizing my face even without my glasses on than Eigen Face Recognition Model.It only failed to classify three times in these tests.

LBPH Faces Recognition Model

Trial No.	Image	Expected Output	Actual Output	Remarks
1		Recognized	Recognized	Match
2		Recognized	Recognized	Match
3		Recognized	Recognized	Match
4		Recognized	Recognized	Match
5		Unrecognized (Right) Recognized (Left)	Too many unrecognized classifications	Mismatch

6		Recognized	Recognized	Match
7		Recognized	Recognized	Match
8		Recognized	Recognized	Match
9		Unrecognized (Right) Recognized (Left)	Unrecognized both	Mismatch
10		Recognized	Recognized	Match
11		Recognized	Recognized	Match

12		Recognized	Recognized	Match
13		Recognized	Recognized	Match
14		Unrecognized (Right) Recognized (Left)	Recognized both	Mismatch
15		Recognized	Recognized	Match
16		Recognized	Recognized	Match
17		Unrecognized (Right) Recognized (Left)	Recognized both	Mismatch

18		Recognized	Recognized	Match
19		Recognized	Recognized	Match
20		Recognized	Recognized	Match
			TOTAL	16/20, 0.8

Comparing to the earlier model, this is better than Eigen Face but only slightly worse than Fisher Faces Recognition model, and the only problem was classification when the unrecognized person and the recognized person is both on the camera at the same time.